

シリコーン・ブレスト・インプラントの社会問題
の分析によるインプラント医療機器のリスク管理
に関する研究

Study on Risk Management of Implant Medical
Devices by Analyzing Social Issues of Silicone
Breast Implant

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早稲田大学大学院先進理工学研究科
および
東京女子医科大学大学院医学研究科

共同先端生命医科学専攻

先端治療機器設計・開発評価研究

中崎 知道
Tomomichi NAKAZAKI

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略号の説明

略号	説明
ABC	米国の ABC 放送 (American Broadcasting Company:ABC)
AFSSAPS	フランス医療用品衛生安全管理機構 (Agence française de sécurité sanitaire des produits de santé:AFSSAPS)
ALCL	未分化大細胞型リンパ腫 (Anaplastic Large Cell Lymphoma:ALCL)
BIA-ALCL	ブレスト・インプラント関連未分化大細胞型リンパ腫 (Breast Implant-Associated Anaplastic Large Cell Lymphoma: BIA-ALCL)
BMS	ブリストル・マイヤーズ スクイブ社 (Bristol-Myers Squibb:BMS)
CBS	CBS 放送 (Columbia Broadcast System: CBS)
CDRH	医療機器・放射線保健センター (Center for Devices and Radiological Health:CDRH)
CSS	Cosmetic Surgery Suppliers 社 (Cosmetic Surgery Suppliers:CSS)
EEC	欧州経済共同体 (European Economic Community:EEC)
EU	欧州連合 (European Union:EU)
FDA	米国食品医薬品局 (Food and Drug Administration; FDA)
GHTF	医療機器規制国際整合化会議 (Global Harmonization Task Force:GHTF)
IDE	治験機器に対する規制の一部適用免除 (Investigational Device Exemption:IDE)
IOM	米国医学研究所 (Institute of Medicine:IOM)
ISO	国際標準化機構 (International Organization for Standardization:ISO)
MDD	欧州医療機器指令 (Medical Device Directive:MDD)
MDR	米国の不具合報告 (Medical Device Report: MDR)
MEC	Medical Engineering Corporation 社 (Medical Engineering Corporation:MEC)
MHRA	イギリス医薬品・医療製品規制庁 (Medicines and Healthcare Products Regulatory Agency:MHRA)
NBC	米国の NBC 放送 (National Broadcasting Company:NBC)
NBOG	認証機関運営グループ (Notified Body Operations Group: NBOG)
NCBI	国立生物工学情報センター (National Center for Biotechnology Information:NCBI)
NGO	非政府組織 (Non-Governmental Organizations:NGO)
NEJM	ニューイングランド・ジャーナル・オブ・メディシン (The New England Journal of Medicine:NEJM)

PIP	Poly Implant Prothèse 社 (Poly Implant Prothèse: PIP)
PMDA	独立行政法人 医薬品医療機器総合機構 (Pharmaceutical and Medical Devices Agency: PMDA)
PMA	市販前承認 (Premarket Approval; PMA)
RWE	リアルワールドエビデンス (Real-World Evidence: RWE)
SBI	シリコーン・ブレスト・インプラント、ゲル充填人工乳房 (Silicone Breast Implant: SBI)
TE	ティッシュ・エキスパンダー、皮膚拡張器 (Tissue Expander: TE)
Team STEPPS	チームステップス (Team Strategies and Tools to Enhance Performance and Patient Safety: Team STEPPS)
WHO	世界保健機関 (World Health Organization: WHO)

第1章 SBIの社会問題から見たインプラント機器のリスク対応

1.1 本研究の背景

1.2 SBIの承認状況

1.2.1 形状、構造

1.2.2 承認・使用状況

1.2.3 基本要件

1.2.4 使用目的

1.2.5 承認条件

1.3 本研究の目的

1.4 本研究の意義

1.5 本論文の構成

1.1 本研究の背景

内閣官房（健康・医療戦略室）・文部科学省・厚生労働省・経済産業省が平成29年1月に発行した『医療機器の部材供給に関するガイドブック（改訂版）』の序文には「かつて我が国では、1990年代に米国で起こったシリコン（注：シリコンの誤植）製豊胸材に関する集団訴訟や平成7年の製造物責任法施行などを契機に、我が国の部材や要素技術企業が、特に埋め込みや治療用を中心とした医療機器に対する部材や技術の供給を躊躇し、医療機器メーカーが部材供給を受けられない事例が報告されることがありました。」との一文がある¹⁾。私も医療機器メーカーに勤務していた頃、化学メーカーからシリンジや注射針にコーティングするシリコン・オイルが供給されなくなったため、1998年に内製化を行った経験があるため、興味を持ち調べてみたところ、シリコンと自己免疫疾患の因果関係がメディアに取り上げられ、裁判では被告企業側が敗訴したことから、続いて集団訴訟に発展し、その企業が倒産した後に因果関係が否定されるという出来事であった。開発時には想定せず、実際には存在しなかったリスクにより裁判が争われたわけである。

また、2011年にはフランスのPIP（Poly Implant Prothèse：PIP）社のSBIが医療用ではなく、工業用のシリコンを使って製造していたことからフランスにおいて回収命令が出たにも関わらず、会社を閉鎖して回収を実行せず、その後PIP社のSBIを使用している患者が未分化大細胞リンパ腫（Anaplastic Large Cell Lymphoma：ALCL）によって死亡したことから、多くの国々で問題になり、WHO（World Health Organization：WHO）が全世界に注意喚起を行う²⁾と共に、ブレスト・インプラント関連未分化大細胞型リンパ腫（Breast Implant-Associated Anaplastic Large Cell Lymphoma：BIA-ALCL）という疾患名を定義することとなった³⁾。

さらに、2019年にはアラガン社のテクスチャード・タイプのティッシュエキスパンダー（Tissue Expander：TE）とSBIが、スムーズ・タイプに比べてALCLの発生数が多いことを理由に、全世界で回収されることとなり、日本で唯一の承認品であるテクスチャード・タイプのTEとSBIも回収になっている⁴⁾。FDA（Food and Drug Administration）によると、MDR（Medical Device Report）においてBIA-ALCLの発生報告573件の内、死亡が33件だった（死亡率6%）が、直近に報告された116件では24件（死亡率21%）と急激に増加し、573件中アラガン社のSBIが481件だったため、回収を要請したと発表している⁵⁾。MDRは海外の研究報告を含んでおり、BIA-ALCLの罹患率の記載がない論文もあるため、報告数を分母として死亡率のみを計算している。一方、テキサス大学MDアンダーソンがんセンターのChristopher Coroneos等はFDAの市販後研究のデータを解析し、99,993人中BIA-ALCLの発生は1件のみであると報告している⁶⁾。BIA-ALCLの罹患率は2,200 - 86,000人に1人の割合と国によって大

大きく異なっており³⁾、今後正確な罹患率が確定することが期待される。

シリコーンは今では様々な医療機器の原材料として使用されているが、1960年代に米国でSBIを開発した時には、これらの問題が発生することを予想してはいなかったと考えられる。

SBIのようなインプラント医療機器とは患者の体内に長期間に渡って植え込まれる医療機器である。そのため、短い開発期間では全ての有害事象のリスクを予測することは不可能であり、そのリスクを市販後により早く想定するための対応を検討することは、インプラント医療機器の安全性をより高めるために重要であると考えられる。

1.2 SBIの承認状況

『ナトレル プレスト・インプラント審議結果報告書』によると、日本において初めて承認されたSBIの審査期間は、2007年1月18日申請から2012年9月28日承認まで5年8ヶ月の長期間であった⁷⁾。その間、乳がん患者が乳腺全摘出術後に乳房再建術を行うには、医師の個人輸入による自由診療であったため、高額な治療費を自費で支払う必要があった。乳房増大術も同様であり、どちらの場合も未承認機器が使用されるため、規制当局と製造販売業者による市販後監視活動が存在せず、専らクリニックにおける施術のため日本の医学会として、手技を確立することができなかった。承認直前の2012年4月11～13日に開催された第55回日本形成外科学会総会・学術集会では64演題中、保険適用されている皮弁術の発表が33件(52%)、未承認のSBIの発表が16件(25%)だったが⁸⁾、2015年4月8～10日の第58回日本形成外科学会総会・学術集会では61演題中、皮弁術の発表が16件(26%)、SBIの発表が33件(54%)と逆転した⁹⁾。この事実よりSBIの承認と保険適用(2013年7月1日)によってSBIを使用した手術は確実に増えていることが分かる。



Fig. 1.1 Silicone Breast Implant & Tisseu Expander (from Allergan, Inc. website)

⁸⁾

1.2.1 形状、構造及び原理

『ナトレル® プレスト・インプラント添付文書』及び『ナトレル® 410 プレスト・インプラン

ト添付文書』によると、シリコーン製のシェルとパッチ部分があり、このパッチ部分から注入器でシリコーン・ゲルを充填し、その際パッチにできた小孔を接着剤で塞いでいる。円形デザインとアナトミカルデザインの 2 種類があり、表面はスムーズまたはテクスチャード加工がされている。アナトミカルデザインの SBI にはオリエンテーションマークが加工してあり、外科医が触覚的及び視覚的にインプラントの方向を認識し、乳房ポケット内の正しい方向にインプラントを留置する際の補助となる^{11, 12)}。

患者に適したサイズ、形状の SBI を選択し、腋窩、乳輪周囲、乳房下溝等の適切な挿入部位から乳腺下又は乳房の筋肉下等に作成した乳房ポケットに挿入し、適切な位置及び方向に埋入する。SBI の埋入によって適切なサイズ、形状の乳房を形成する^{11, 12)}。

1.2.2 世界の製造・流通状況

2015 年 1 月現在、各企業の website により製造が確認できる SBI の製造業者を示す (Table 1.1)。

Table 1.1 Manufacturers of SBI

国	製造業者
米国	Mentor Worldwide LLC. ¹³⁾
	Allergan Plc. ¹⁴⁾
	Ideal Implant Inc. ¹⁵⁾
	Sientra, Inc. ¹⁶⁾
ブラジル	Silimed Industria de Implantos Ltd. ¹⁷⁾
フランス	Laboratoires Arion S.A.S. ¹⁸⁾
	Groupe Sebbin S.A.S. ¹⁹⁾
	Société Cereplas. ²⁰⁾
	Eurosilicone S.A.S. ²¹⁾ (Global Consolidated Aesthetics ²²⁾ が親会社)
イギリス	Nagor. ²³⁾ (Global Consolidated Aesthetics. ²²⁾ が親会社)
ドイツ	Polytech Health & Aesthetics GmbH. ²⁴⁾
コスタリカ	Establishment Labs S.A. ²⁵⁾
中国	Guangzhou Wanhe Plastic Materials Co., Ltd. ²⁶⁾
韓国	Hans Biomed Co. Ltd. ²⁷⁾

世界で 14 社が SBI を製造していたが、日本には製造業者はいなかった。

またインターネットにより海外の販売状況を調査したところ、外務省が分類²⁸⁾する全ての地域で SBI が流通していることが確認された (Table 1.2)。

Table 1.2 Distribution of SBI in the World

地域	国
アジア	日本、インド、インドネシア共和国、シンガポール共和国、タイ王国、大韓民国、中華人民共和国、パキスタン・イスラム共和国、フィリピン共和国、ベトナム社会主義共和国、マレーシア
大洋州	オーストラリア連邦、ニュージーランド
北米	アメリカ合衆国、カナダ
中南米	アルゼンチン共和国、エクアドル共和国、キューバ共和国、グアテマラ共和国、コスタリカ共和国、コロンビア共和国、チリ共和国、ドミニカ共和国、ニカラグア共和国、パナマ共和国、パラグアイ共和国、ブラジル連邦共和国、ベネズエラ・ボリバル共和国、ペルー共和国、ボリビア多民族国、ホンジュラス共和国、メキシコ合衆国
欧州	アイスランド共和国、アイルランド、イタリア共和国、ウクライナ、英国、エストニア共和国、オーストリア共和国、オランダ王国、カザフスタン共和国、キプロス共和国、ギリシャ共和国、クロアチア共和国、スイス連邦、スペイン、スロバキア共和国、スロベニア共和国、セルビア共和国、チェコ共和国、デンマーク王国、ドイツ連邦共和国、ノルウェー王国、ハンガリー、フィンランド共和国、フランス共和国、ブルガリア共和国、ベルギー王国、ポーランド共和国、ボスニア・ヘルツェゴビナ、ポルトガル共和国、マケドニア旧ユーゴスラビア共和国、モンテネグロ、リヒテンシュタイン公国、ルーマニア、ルクセンブルク大公国、ロシア連邦
中東	イスラエル国、カタール国、クウェート国、サウジアラビア王国、トルコ共和国、レバノン共和国
アフリカ	南アフリカ共和国、リビア

注) 地域は外務省の分類²⁸⁾に従う。

1.2.3 基本要件

日本においては『薬事法第41条第3項に基づき厚生労働大臣が定める医療機器の基準(2005年厚生労働省告示第122号)²⁹⁾』により医療機器の基本要件が定められ、その後『薬事法第41条第3項の規定により厚生労働大臣が定める医療機器の基準の一部を改正する件(2014年厚生労働省告示第403号)³⁰⁾』により改訂された。PMDA(Pharmaceutical and Medical Devices Agency:PMDA)の作成した『「薬事法第41条第3項の規定により厚生労働大臣が定める医療機器の基準(2005年厚生労働省告示第122号)」の基本的考え方³¹⁾』はGHTFの基本要件に関するガイダンス文書

「Essential Principles of Safety and Performance of Medical Devices」³²⁾と各要求事項の関係を示している。各要求事項が安全性・有効性のどちらに関わり、SBIにおいて適合されるかを Table 1.3 にまとめた。

Table 1.3 Requirements on Medical Devices and Assessments for SBI ^{30, 32)}

要求事項	SG1/N68 の項目	要求事項 の区別	SBIへ の適用
第1条 設計	A1	安全性・ 有効性	適用
第2条 リスクマネジメント	A2	安全性	適用
第3条 医療機器の性能及び機能	A3	有効性	適用
第4条 製品の有効期間又は耐用期間	A4	安全性・ 有効性	適用
第5条 輸送及び保管等	A5	安全性・ 有効性	適用
第6条 医療機器の有効性	A6	有効性	適用
第7条 医療機器の化学的特性等	B1	安全性	適用
第8条 微生物汚染等の防止	B2	安全性	適用
第9条 使用環境に対する配慮	B5	安全性	適用
第10条 測定又は診断機能に対する配慮	B6	安全性	非適用
第11条 放射線に対する防御	B7	安全性	非適用
第12条 プログラムを用いた医療機器に対する配慮	B8	安全性	非適用
第13条 能動型医療機器及び当該能動型医療機器に接続された医療機器に対する配慮	B9	安全性	非適用
第14条 機械的危険性に対する配慮	B10	安全性	非適用
第15条 エネルギー又は物質を供給する医療機器に対する配慮	B11	安全性	非適用
第16条 一般使用者が使用することを意図した医療機器に対する配慮	B12	安全性	非適用
第17条 添付文書等による使用者への情報提供	B13	安全性	適用
第18条 性能評価及び臨床試験	B14	安全性・ 有効性	適用

日本の SBI の基本要件は安全性・有効性であり、GHTF (Global Harmonization Task Force: GHTF) のガイダンス文書と一致していた。

1.2.4 使用目的

『ナトレル® ブレスト・インプラント添付文書』及び『ナトレル® 410 ブレスト・インプラント添付文書』によると、SBI の使用目的は次の通りである ^{11, 12)}。

「本品は、乳房の形状を修復または形成するために、乳房再建術又は成人女性の乳房増大術に使用される。ここでいう、乳房再建術、乳房増大術は以下のとおり。

- ・乳房再建術とは、腫瘍または外傷により切除された乳房組織の再建手術、胸部の重度の異常により適切に成長しなかった乳房を形成するための再建手術。初回手術の補正又は改善のための再手術も含む。
- ・乳房増大術とは、バストサイズを大きくするための形成手術。初回手術の補正又は改善のための再手術も含む。」

『ナトレル ブレスト・インプラント審議結果報告書』によると、米国を除く海外では乳房再建術、乳房増大術及びこれらのリビジョン手術で、乳房増大術の対象は18歳以上の女性とされているが、米国においては乳房再建術、乳房増大術及びこれらのリビジョン手術が適応であるが、乳房増大術では乳房再建術に比して、リスク・ベネフィットバランスが異なることから、乳房増大術は22歳以上の女性を対象とすることとされている⁷⁾。日本ではリビジョン手術の適応と年齢制限について記載されていなかった。

1.2.5 承認条件

『ナトレル ブレスト・インプラント審議結果報告書』によると、日本におけるSBIの承認条件は以下の4項目である⁷⁾。

- 1) 関連学会と連携の上、実施施設基準・実施医基準を設け、乳房再建術又は乳房増大術に関連する十分な知識・経験を有する医師により、同術の実施体制が整った医療機関において本品が使用されるよう、必要な措置を講ずること。
- 2) 1.)に掲げる医師が、適応を遵守し、講習の受講等により、本品の操作に関する十分な技能や手技に伴う合併症等に関する十分な知識を得た上で、本品が用いられるよう、必要な措置を講ずること。
- 3) 使用成績調査により、長期予後について、経年解析結果を医薬品医療機器総合機構(以下「機構」という。)あて報告するとともに、必要に応じ適切な措置を講ずること。また、使用成績調査の期間中、圏内においてALCL(未分化大細胞型リンパ腫)が発生した場合は速やかに機構あて報告するとともに、定期的に集計した成績を提出すること。
- 4) 本品を埋め込むに当たっては、あらかじめ患者又はその家族に本品の有効性及び危険性が文書をもって説明され、文書による同意を得てから使用されるよう、適切な措置を講ずること。

『Guidance for Industry and FDA Staff - Saline, Silicone Gel, and Alternative Breast Implants.』によると、米国におけるSBIの承認条件は以下の7項目である³³⁾。

- 1) continued follow-up of your Core Study patients
- 2) a patient registry or additional postapproval study (other than

postapproval Core Study above) to collect additional postapproval data...日本の承認条件 3)に該当

3) additional studies to address the modes and causes of failure...日本の承認条件 3)に該当

4) an education and certification program to train physicians and surgeons with regard to proper surgical technique, patient selection, patient monitoring, and management of complications to obtain access to your device...日本の承認条件 2)に該当

5) focus group study to improve the patient labeling

6) a formal informed decision process that assures that a woman has been provided the patient labeling with adequate time to read it prior to surgery and that documents that she has an adequate understanding of the risks and follow-up recommendations associated with your device...日本の承認条件 4)に該当

7) labeling updates on a regular interval to reflect any appropriate findings from postapproval studies...日本の承認条件 3)に該当

この承認条件により、米国ではAllergan社の『Natrelle』に対して、FDA (Food and Drug Administration; FDA)は下記の①～⑥の試験・研究を要求している³⁴⁾。

① Core Post-Approval Study (Core Study)

② Large Post-Approval Study (Large Study)

③ Device Failure Study (Failure Study)

④ Focus Group Study

⑤ Annual Physician Informed Decision Survey (Informed Decision Study)

⑥ Adjunct Study

さらに米国ではSBIのTrackingが要求されている³⁵⁾が、日本において特定医療機器登録制度は非該当である。

1.3 本研究の目的

本研究は、SBIの集団訴訟という社会問題化と終息の経緯を詳細に分析して、開発時には想定できない未知のリスクを評価する手法と時期について明らかにする。その結果より、主としてインプラント医療機器、最終的には全ての医療機器を開発する際の道しる

べを作りたい。

1.5 本論文の構成

本論文は、以下に示す4章から構成されている。

第1章では、本論文の背景として、SBIの形状・構造、承認・使用状況、基本要件、使用目的、承認条件を確認するとともに、SBIの社会問題を調査することによりインプラント医療機器のリスク対応についての研究する意義を述べる。

第2章では、米国におけるSBIの社会問題の歴史について調査し、非医学専門家、特に裁判における原告・弁護士・判事、の主張・行動について考察した。まず単純な前後即因果関係が主張され、その後、科学的根拠を求めることにより社会問題が終息したことを示す。

第3章では、SBIの社会問題に対する医学専門家(医療提供者及び医療関連の研究者)の役割を論文により調査した。当初はレトロスペクティブな対応をしているように見受けられたが、プロスペクティブな疫学研究により科学的根拠を示すことにより、社会問題が終息したことを示す。

第4章では、本論文の成果、意義、展望についてまとめる。

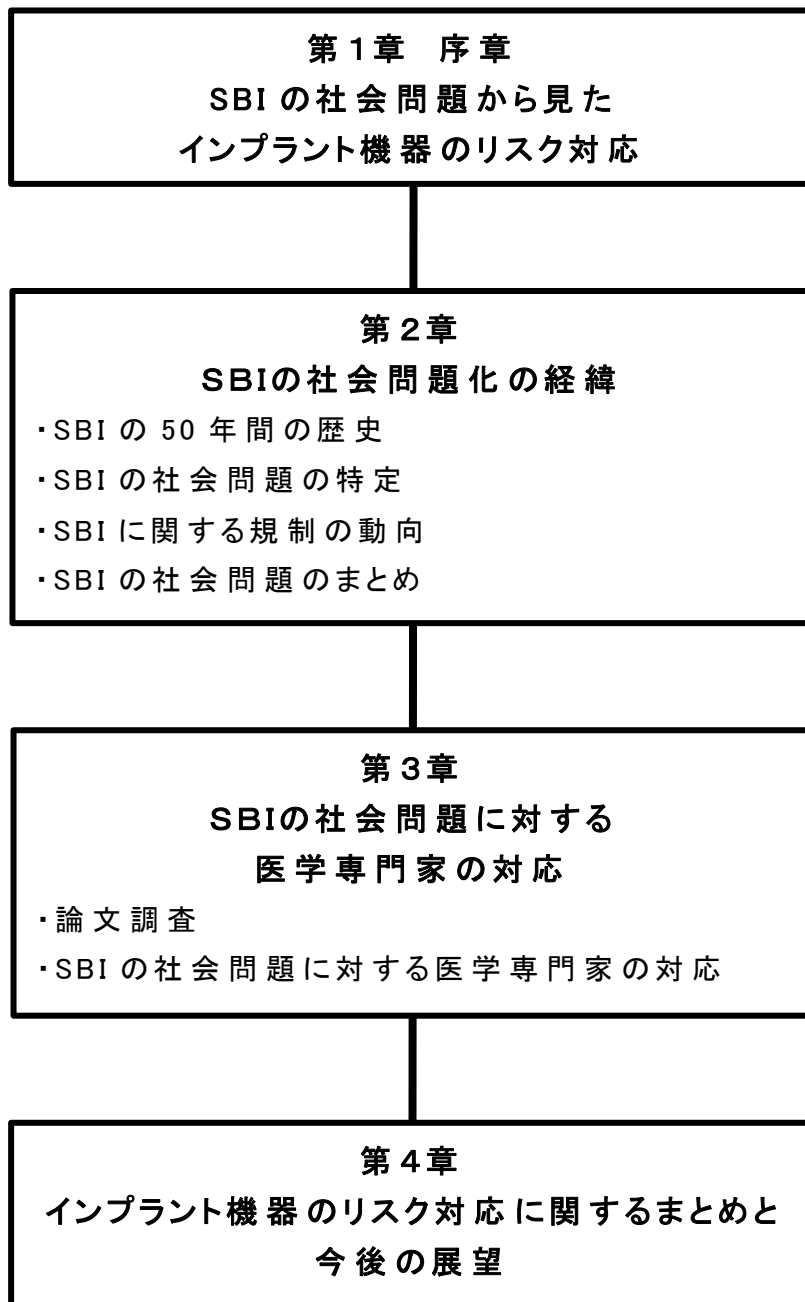


Fig. 1.2 Structure of the Thesis

第2章 SBIの社会問題化の経緯

2.1 本章の目的

2.2 方法

2.3 結果

2.3.1 収集情報の一覧

2.3.2 個人訴訟数の動向

2.3.3 平均賠償金額の動向

2.4 考察

2.4.1 個人訴訟数の動向

2.4.2 平均賠償金額の動向

2.4.3 企業の対応の影響

2.4.4 弁護士の影響

2.4.5 一般国民とメディアの影響

2.4.6 裁判における医学専門家の影響の限界

2.5 本章のまとめ

2.1 本章の目的

1990年代に米国で起きたSBIの数多くの集団訴訟は製造業者が倒産するほどの大きな社会問題(リスクが具現化したクライシス)となった。製造業者が市販前に安全性を確認していたにもかかわらず社会問題化したということは、リスクとして事前に想定することは難しいと考えられる。

SBIの社会問題化の経緯はISO 14971:2007のリスクアセスメント・スキームにおける『一連の事象』として考えられ、その問題解決の経緯はリスクコントロールの参考になると考えた。本章ではSBIの社会問題化と終息の経緯を調査し、開発時に想定しない未知のリスクへの関係者の対応策について検証する。但し、ISO 14971はビジネス・リスクを対象としていないため、あくまで手法として使用することとする。

なお、シリコーン(Silicone、シロキサン結合を主骨格とする高分子化合物のこと)とシリコン(Silicon、ケイ素のこと)を混同する³⁾など、専門用語が不適切な場合も多いため、本論文内では意図的に用語を適切なものへ修正している。

2.2 方法

学術論文、書籍、インターネット(2016年1月12日まで)より情報を収集した。インターネットの情報は確度の高い規制当局からの情報のみとし、メディア(新聞)からの情報はバイアスが大きいと考え収集しなかった。

なお、PIP問題については、本来AFSSAPS(Agence française de sécurité sanitaire des produits de santé:AFSSAPS)の発信するフランス語の情報を収集する必要があるが、英語で配信されているMHRA(Medicines and Healthcare Products Regulatory Agency:MHRA)からの情報のみとしている。

2.3 結果

2.3.1 収集情報の一覧

収集した情報をTable 2.1に示す。

Table 2.1 History of Silicone Breast Implant in the US³⁶⁻⁵⁵⁾

年月日	出来事
1938年6月25日	Food, Drug and Cosmetics Actが公布される。
1961年	Thomas Cronin医師とFrank Gerow医師がDow Corning社とともにSBIの開発を始める ⁴⁸⁾ 。
1962年3月16日	Texas Charity Hospitalにおいて、6人の子供を持つ36歳のTimmie Jean Lindseyに対する乳房増大術として初めてSBIが挿入される ⁴⁰⁾ 。
1964年	Dow Corning社を初めとするさまざまな製造業者がSBIの本格生産を始める。
1968年	Heyer Schulte社が初めての国内製造業者(グローバル企業ではない)としてBreast Implantの生産を始める ⁵¹⁾ 。

1969年	Mentor 社が設立される ⁵¹⁾ 。
1974年	1963年より SBI の生産・販売を行っていた Dow Corning 社の研究所が McGhan Medical 社として設立される ⁵¹⁾ 。
1976年1月15日	Dow Corning 社の従業員 Tom Talcott が SBI の品質に対する懸念メモを残す ⁴⁸⁾ 。
1976年5月28日	Medical Device Amendment が公布される。医療機器が FDA の規制対象となったが、SBI はクラスⅡ医療機器として premarket notification である 510(k)プロセスで審査されることになる ³⁹⁾ 。
1976年7月23日	FDA の形成外科諮問委員会が breast implants をクラスⅢにするよう推奨する ³⁹⁾ 。
1977年6月	3M 社が McGhan 社を買収する ⁵¹⁾ 。
1977年	ヒューストンの弁護士 Richard Mithoff が、クリーブランドの女性の SBI が破裂し痛みが発生したとして訴えた裁判において、Dow Corning 社から 17 万ドルの和解金を得る ⁵²⁾ 。
1982年1月19日	FDA が Breast Implant のクラスⅢへの引き上げを提案する ³⁹⁾ 。
1982年	BMS (Bristol-Myers Squibb: BMS) 社が MEC (Medical Engineering Corporation: MEC) 社を買収する。
1984年4月1日	Mentor 社が Heyer Schulte 社を吸収合併し、Breast Implant の生産を始める ⁵¹⁾ 。
1984年11月4日	Maria Stern 対 Dow Corning 社裁判で、SBI が自己免疫疾患を引き起こしたとして、補償的損害賠償金 21 万ドルに加え、懲罰的損害賠償金 150 万ドルを決定する。この裁判で SBI が破裂してシリコン・ゲルが漏出するという社内資料が証拠として提出されている。弁護士は Dan Bolton である ⁵⁰⁾ 。
1986年	McGhan Medical 社が Inamed 社へ社名変更する。社名のコンセプトは“innovation”+“medicine”である ⁵¹⁾ 。
1988年6月24日	FDA が Breast Implant のクラスをⅡからⅢへ引き上げ、premarket approval が必要になった。しかし、この段階では FDA が PMA (Premarket Approval; PMA) の申請ルールを定めるまでは、引き続き 510(k)プロセスで審査が行われる ³⁹⁾ 。
1988年11月9日	Public Citizen が FDA に対して SBI を禁止するよう声明を出す ⁵⁵⁾ 。
1988年11月22日	John Hopkins 大学の Norman Anderson 医師が議長を務める諮問委員会で Dan Bolton が証言を行う。
1988年11月	Ralph Nader (Public Citizen 設立者)、Dan Bolton と Sybil Goldrich (アドボカシー・グループ Command Trust Network 設立者) が CBS (Columbia Broadcast System: CBS) のイブニング・ニュースで「SBI ががんを引き起こしている」と警告を始める。後の原告である Mariann Hopkins が、この番組を見ていた。
1989年1月6日	FDA が Breast Implant の PMA 申請が必要になることを通達する ³⁹⁾ 。
1989年	Linda Wilson が British Columbia 州裁判所において、一般外科医 Alfred Hui と形成外科医 Donald Guichon

	に対して訴訟を起こす。主張は「Memeインプラントを使用する乳房切除術に当たって、彼等が十分にリスクを説明しなかった」というものである ⁴⁴⁾ 。
1989年	Quebec州 La Prairie の Francine Power が Wisconsin州の Meme インプラント製造業者である Surgitek 社とその親会社であるモントリオール市 Real Laperriere の Les Entreprises 社 (ケベック州における Meme インプラントの販売業者でもある) に対して集団訴訟を起こす ⁴⁴⁾ 。
1990年5月17日	FDA が SBI に対して申請ルール (515(b)) を予告する ³⁹⁾ 。
1990年11月28日	Safe Medical Device Amendments が公布される。
1990年12月2日	NBC (National Broadcasting Company: NBC) 放送の TV 番組「Face to Face with Connie Chung」で SBI が原因で自己免疫疾患になったという女性たちをインタビューし、FDA がそのような危険な製品を許可したことを非難する ³⁷⁾ 。
1990年12月18日	FDA を監視する Human Resources Subcommittee の議長である民主党の Ted Weiss 下院議員が、SBI の安全性について公聴会を開催する。 この公聴会では、Maria Stern 裁判の判決によって製造業者の社内資料が公表されない問題についても議論する ⁵²⁾ 。
1991年2月1, 2日	FDA が医療機器のシリコーンに関するカンファレンスを開催する ³⁹⁾ 。
1991年4月10日	FDA が SBI の PMA 申請ルールを定め、SBI を販売している全社が 90 日以内に申請することを要求する。期限は 7 月 9 日となる ³⁹⁾ 。
1991年4月17日	MEC 社がポリウレタンコーティング SBI『Même』の販売を中止する。
1991年4月26日	Weiss 議員が Kessler 長官へ書簡を送る。「FDA の文書が示しているように、FDA の科学者たちは SBI の安全性について疑問を持っているにもかかわらず、10 年以上にわたり、この問題を無視している」 ⁴⁴⁾ 。
1991年6月	FDA がポリウレタンコーティング SBI の製造業者に対して原材料の調査を要求する ³⁹⁾ 。
1991年6月	Public Citizen が 39 人の法律事務所のメンバーで構成する "Silicone Clearinghouse (シリコーン情報センター)" という組織を立ち上げる ⁵⁵⁾ 。
1991年7月9日	SBI の製造業者が FDA へ安全性を示す期限が来て、申請書を提出したのは Mentor 社、McGhan 社、Dow Corning 社、Bioplasty 社 (ミネソタ州の製造業者) の 4 社であった。
1991年7月31日	FDA の諮問委員会がポリウレタンコーティング SBI のリスク評価を行い、がんのリスクが小さいながらもあるものの、抜去する外科的リスクより小さいと明らかにする ³⁹⁾ 。
1991年7月時点	Dow Corning 社が 329 研の研究報告を FDA へ提出している ⁵¹⁾ 。
1991年7月	Brenda Toole 対 Baxter/Heyer Shulte (Mentor) 社裁判において Alabama 州の陪審は 535 万ドルの賠償金を決定する。Toole は自己免疫疾患の初期症状を示すだけであったが、リンパ節へシリコーンが漏出しており、免疫疾患を発症するリスクが高いと原告証言をしていた ³⁷⁾ 。

1991年8月22日	FDAが3社の提出した申請書が安全性データに関して不十分であると決定する ³⁹⁾ 。
1991年9月23日	BMS社がFDAの申請期限に間に合わなかったとして、SBIのビジネスを終了すると発表する ³⁷⁾ 。
1991年9月26日	FDAが製造業者に対してSBIのリスクについて患者へ情報提供することを要求する ³⁹⁾ 。
1991年11月12-14日	第1回諮問委員会において提出されたPMA申請書を議論する。製造業者は安全性・有効性について十分なデータを提出できなかったが、さらに1~2年かけてデータを収集するように指示し、FDAはSBIを市場に供給させ続けるべき、と全会一致で結論を出す ³⁹⁾ 。
1991年11月	Anna Livshits対MEC社裁判においてNew York州裁判所の陪審は、MEC社のポリウレタンで覆われたSBI『Même』ががんの原因であるとして445万ドルの賠償金を決定する。
1991年12月13日	San Francisco連邦陪審は、Mariann Hopkins対Dow Corning社裁判で、混合性結合組織病は破裂したSBIが原因であるとして、補償的損害賠償金84万ドルに加え、懲罰的損害賠償金650万ドルの計734万ドルを決定する。弁護士Dan BoltonはStern裁判時に使用した社内資料に加え、新しく入手した社内データを利用し、その一部をFDAに提供していた。この裁判ではNorman Anderson医師が協力していた ³⁷⁾ 。
1991年12月21日	Dan Boltonが入手したDow Corningの社内データがSan Francisco Chronicleにリークされ、FDAの諮問委員会の委員長であるNorman Anderson医師に渡り、AndersonからKessler長官にカバーレターを付けて送付される。Sidney Wolfeによって、そのレターがNew York Timesによって明らかにされる ³⁷⁾ 。
1991年12月	Dow Corning社への個人訴訟数が137件となる ³⁷⁾ 。
1992年1月6日	FDAがSBIのvoluntary moratoriumをアナウンスした。FDAが申請書の安全性・有効性を評価する間、製造業者が供給停止するとともに外科医が使用停止することを求める ³⁹⁾ 。
1992年2月	弁護士Stan Chesleyがシンシナティで集団訴訟裁判を届け出る ⁵¹⁾ 。
1992年2月10日	Dow Corning社がFDAの圧力に屈して800ページの社内文書を提出する。
1992年2月13日	ABC(American Broadcasting Company:ABC)のTV番組「PrimeTime Live」において、Chris Wallaceレポーターがレーガン及びブッシュ政権に対して「両政権は規制緩和政策の一環として健康分野における規制に対して力を入れてこなかった。そのためSBIは30年間販売され、ダウコーニング社は何万人もの女性から搾取し続けている」とBIの規制を素早く行ってこなかったことを非難する ³⁷⁾ 。
1992年2月18日	第2回諮問委員会が新しいデータが評価されるまで、SBIを市場から引き上げることを勧告する。ただし、学術研究に使う場合は供給できるとした ³⁹⁾ 。

1992年3月19日	BMS社、Bioplasty社と同様に、Dow Corning社もSBIの製造を中止し、製造を続けているのはMcGhan社とMentor社の二社のみとなる。Dow Corning社はSBIの安全性についての追加調査に予算を立てた ³⁹⁾ 。
1992年3月30日	Jenny Jonesが自らの番組でSBIの体験について話し、ゲスト出演のNorman Anderson医師からSBI撲滅運動のリーダーと評価される。
1992年4月	Deapen DM, Brody GS等がJournal of Plastic and Reconstructive SurgeryにLos Angeles Studyの5年フォローアップの結果を発表し、SBIとがんに因果関係はないと結論した ³⁷⁾ 。
1992年4月16日	FDAは次の結論を出した ³⁹⁾ 。 <ul style="list-style-type: none"> 承認を支持するに十分なデータがSBIの申請書にはなかった。 乳がん患者の乳房再建術とSBI交換術(リビジョン)のみに、研究用機器としてSBIを供給できる。患者はadjunct clinical studyによってフォローされる。
1992年4月26日	Weiss議員がFDAに対して「この10年間にSBIに関する安全性の情報を得ながら何も対応していない」と書簡を送る ³⁷⁾ 。
1992年6月18日	NEJM(The New England Journal of Medicine: NEJM)にKesslerがSpecial Report “The Basis of the FDA's Decision on Breast Implants”を寄稿する。その中で「安全性を証明するのは企業の責任であり、FDAではない。FDAが乳房増大術に対して、がん治療の一環として承認されたと同程度に重要であると見なすのは妥当ではない。」と述べている ⁴²⁾ 。
1992年7月24日	FDAがMentor社の乳房再建術とSBI交換術のAdjunct Studyを承認する ³⁹⁾ 。
1992年12月23日	Pamela Jean Johnson 対 BMS社裁判で、混合性結合組織病、自己免疫反応、慢性疲労、筋肉痛、関節痛、頭痛、めまいは破裂したSBIが原因であるとして、補償的損害賠償金500万ドルに加え、懲罰的損害賠償金2000万ドルの計2500万ドルを決定する。このHoustonの裁判における原告側弁護士はJohn O'Quinnである。なお、医学専門家は「それらの症状は悪性の風邪であろう」と証言している ³⁷⁾ 。
1992年12月	Dow Coarningが1993年3月31日をもって5種類のインプラント・グレードのシリコンの供給を停止すると発表する。但し、他の45種類の医用グレードのシリコンの供給は続ける ³⁹⁾ 。
1992年12月	Dow Corning社への個人訴訟数が3,558件となる ³⁷⁾ 。
1993年1月8日	FDAが生理食塩水充填 breast implantsの製造業者に対して515(b)を発令する ³⁹⁾ 。
1993年2月	Du Pont社が「1994年より医療材料としてテフロン(PTFE)とダクロン(PET)を出荷しない」と決定する。その後、さまざまな総合化学企業がシリコンも含めた原材料の医療機器製造業者への供給を停止する。
1993年6月14日	MDD(欧州医療機器指令)の改正により(93/42/EEC)、EU

	(European Union:EU)が胸部インプラントのクラスをII b→III(日本においてクラスIII→IVに相当)へ強化する。
1993年9月	Dow Corning社、BMS社、Baxter社、3M社が暫定的に総額\$48億ドルの集団訴訟和解金に合意する ³⁷⁾ 。
1993年12月	Dow Corning社への個人訴訟数が12,359件となる ³⁷⁾ 。
1994年3月2日	Darla Lawson/Judy McMurry/Susan Doss 対 3M/McGhan/Inamed 社裁判で、さまざまな神経と免疫系の疾患はシリコンの漏出が原因であるとして、補償的損害賠償金1290万ドルに加え、懲罰的損害賠償金1500万ドルの計2790万ドルを決定する。原告側弁護士はJohn O'Quinnである。
1994年3月	Dow Corning社、BMS社、Baxter社、3M社の集団訴訟が和解する ⁵¹⁾ 。
1994年4月	Alabama州地方裁判所のSam Clyde Pointer Jr.判事がDow Corning社、BMS社、Baxter社への集団訴訟の予備承認を出す ⁵²⁾ 。
1994年6月2日	FDAが生理食塩水充填 breast implants の Part 15 Hearingを開催し、年末までに承認の可否を決定すると約束する ³⁹⁾ 。
1994年6月16日	NEJM誌がMayo Clinicの疫学研究結果の論文”Risk of connective-tissue diseases and other disorders after breast implantation.”を掲載する。SBIを挿入された患者の結合組織病や他の疾患のリスクは上昇していないと結論している ³⁷⁾ 。
1994年7月15日	FDAがsoybean oil (TrilucentT implant)を充填した breast implants の50症例 IDE(Investigational Device Exemption:IDE)パイロットスタディを条件付き承認する ³⁹⁾ 。
1994年9月1日	Pointer判事が42億5千万ドルの集団訴訟和解金をDow Corning社へ提示する。30億ドルの予算が立てられる。
1994年10月21日	FDAがAlternatives to Silicone Breast Implantsのワークショップを開催する ³⁹⁾ 。
1994年12月23日	FDAが生理食塩水充填 breast implants の安全性と有効性を証明するためのスタディ・タイプを記載したTalk Paperを発行する。1995年中に非臨床データを提出し、1999年初頭には治験データを提出することを要求する ³⁹⁾ 。
1994年12月	Dow Corning社への個人訴訟数が19,092件となる ⁵²⁾ 。
1995年2月1日	Gladys Laas 対 Dow Corning社裁判で、さまざまな神経と免疫系の疾患はシリコンの漏出が原因であるとして、補償的損害賠償金520万ドルに加え、夫の精神的賠償金100万ドルの計620万ドルを決定する。原告側弁護士はJohn O'Quinnである。
1995年4月20日	FDAが生理食塩水充填 breast implants の patient information sheetを更新する ³⁹⁾ 。
1995年5月15日	Dow Corning社が破産手続きに入る。この時点で20,000件の訴訟を抱えており、原告数は41万人である ⁵¹⁾ 。
1995年6月1日	24万8500人の女性がMDL(Multi-district Litigation / 広域係属訴訟)として損害賠償請求をする。

1995年6月	約44万人が集団訴訟に登録しており、7万人が即座に賠償金を得られる状況である ⁵¹⁾ 。
1995年6月	Harvard Nurses Epidemiologic Studyにおいて、SBIにより結合組織病のリスクの上昇も、傾向もないことが確認された ⁵¹⁾ 。
1995年10月	American College of RheumatologyがSBIは全身性疾患を引き起こさないと声明を出す ⁵¹⁾ 。
1995年10月29日	Charlotte Mahlum 対 Dow Chemical 社 (Dow Corning 社の親会社) 裁判で、補償的損害賠償金390万ドルに加え、懲罰的損害賠償金1000万ドルの計1390万ドルを決定する。この時点でDow Chemical社に対して1万3千件の訴訟が継続中である ⁵²⁾ 。
1995年10月2日	集団訴訟からDow Corning社が外れ、BMS社、Baxter社、3M社のみとなる。それによって和解金が減額される。
1995年12月	裁判所がBMS社、Baxter社、McGhan社、Union Carbide社、3M社に対して和解計画の修正を提案し、承認される。
1995年12月	15件の個人訴訟が裁判へ移行する。Dow Corning社は、その内8件で勝訴、6件で敗訴、1件は再審判となる ⁵⁰⁾ 。
1995年12月	この時点で、20以上の臨床研究においてSBIと自己免疫疾患の因果関係が証明できなかった ⁵¹⁾ 。
1996年1月11日	FDAがSBIの製造業者に対して、乳房再建術、乳房再建術、リビジョン術の患者に対するcore studies (IDE studies)に必要な情報を連絡する ³⁹⁾ 。
1996年4月2日	New Yorkの連邦裁判所判事が、SBIの裁判に第三者専門委員会を専門家設立して科学的問題を評価することを示唆する。この小さな動きが次第に国中の裁判に影響を与えていくことになる ³⁷⁾ 。
1996年9月4日	PIP社の生理食塩水充填breast implantsが510(k)承認される ³⁹⁾ 。
1996年9月16日	Y-Me National Breast Cancer Organizationと他の団体から、SBIを乳がん患者の乳房再建術に供給することを止めるよう、嘆願書がFDAに提出される。FDAはこの要求を拒否する ³⁹⁾ 。
1996年9月	California州裁判所が1800件の訴訟からDow Chemical社とDow Corning社を免責する ⁵¹⁾ 。
1996年10月	Pointer判事が免疫学、疫学、毒物学、リウマチ学の4名の科学者による科学委員会を組織し、調査を命じる。
1996年12月	Oregon州の連邦裁判所が、原告の弁護士に証拠を提示させず、70件の請求を棄却する裁定をし、訴訟コミュニティに衝撃が走る ⁵¹⁾ 。
1997年1月	The American Academy of Neurologyが既存のSBI研究を評価し、SBIと神経学的疾患に因果関係がないことを発表する ⁵¹⁾ 。
1997年2月11日	CanDo Organizationから、SBIを乳がん患者の乳房再建術に供給することを止めるよう、嘆願書がFDAに提出される。FDAはこの要求を拒否する ³⁹⁾ 。
1997年3月	Michigan州の裁判所が米国の数百人の女性の医学的問

	題に対して Dow Chemical 社に責任がないとの裁定をする。今までの控訴審では Dow Chemical 社に責任があると判断されていた ⁵¹⁾ 。
1997年5月20日	Hutchinson International 社の生理食塩水充填 breast implants が 510(k)承認される ³⁹⁾ 。
1997年8月	New York Times 紙が、80%のケースで製造業者が勝利していると報道する ⁵¹⁾ 。
1997年9月	The Journal of the National Cancer Institute 誌に、複数の医学研究を評価し、SBI ががんを引き起こさないとの論文を掲載する。この研究者は SBI と他の疾患の因果関係についての科学的証拠に関しては“borderline (ギリギリあるかないか)”としている ⁵¹⁾ 。
1997年10月22日	PIP 社が TUV Rheinland より CE marking を取得する ³⁸⁾ 。
1997年11月21日	FDA Modernization Act of 1997 が公布される。
1997年12月	Louisiana 州裁判所が SBI 集団訴訟において 1,800 人の女性を一つの集団とするのは適切ではないとして、原告数を当初の 8 人に減らす。
1997年	アメリカ合衆国保健福祉省が米国医学研究所に対して、SBI の安全性に関する過去及び現在進行している科学研究の独立した、バイアスのかからないレビューを依頼する ³⁹⁾ 。
1998年春	FDA が SBI の破裂率に関する研究を終了する ³⁹⁾ 。
1998年3月30日	FDA が Inamed 社の乳房再建術と SBI 交換術の Adjunct Study を承認する ³⁹⁾ 。
1998年4月	Neurology 誌に SBI を挿入された女性と神経学的疾患の関係を調査した 2 つのスカンジナビア大規模研究の結果が掲載される。因果関係を証明することはできなかったとの結論である ⁵¹⁾ 。
1998年6月5日	FDA が Inamed 社の SBI を用いた乳房増大術、乳房増大術、交換術に対する IDE (治験機器に対する規制の一部適用免除) Study (Core Study) を承認する。申請書 P020056 の治験である ³⁹⁾ 。
1998年7月	原告たちが Dow Corning 社の 1 万件の請求に対する 32 億ドルの提案を受け入れる。Dow Corning 社の破産手続きが進むことになる ⁵¹⁾ 。
1998年11月	Dow Corning 社が 32 億ドルの和解金を含む精算手続きに入る ⁵²⁾ 。
1998年12月12日	Hyman, Phelps & McNamara から、生理食塩水充填 breast implants に関する PMA ルールを廃止するか、1993 年からの全ての情報を開示するよう、嘆願書が FDA に提出される。FDA はこの要求を拒否する ³⁹⁾ 。
1998年12月15日	Pointer 判事が組織した科学委員会が、SBI が疾病を引き起こす科学医機根拠はないと結論した ⁵¹⁾ 。
1998年12月31日	Nevada 州最高裁判所は、Dow Chemical 社が Dow Corning 社に対して責任があるとして、Charlotte Mahlum に対して補償的損害賠償金 4100 万ドル支払いを決定する。しかし、懲罰的損害賠償金 1000 万ドルは認めなかった ⁵²⁾ 。
1999年1月4日	ワシントン連邦裁判所の陪審は、強皮症は SBI が原因であるとして、BMS 社が Brenda G. Meister に対して補償的損害

	賠償金 1000 万ドルを支払うよう決定する ⁵²⁾ 。
1999 年 2 月 1 日	Silimed 社の生理食塩水充填 breast implants が 510(k) 承認される ³⁹⁾ 。
1999 年 2 月 1 日	Alabama 裁判所が Inamed 社、McGhan /3M (MMC)、CUI 社と原告団に対して和解勧告をする。
1999 年 6 月 22 日	SBI の安全性を確認するために 13 人の科学者で組織された IOM (Institute of Medicine: IOM) の第三者委員会が 400 ページの報告書を提出する。SBI は局所的な癬痕拘縮を起こすかもしれないが、紅斑性狼瘡やリウマチ性関節炎などの重大な疾病を引き起こさない、としている ⁶⁶⁾ 。
1999 年 6 月 30 日	Anne Stanswell から、SBI を禁止するよう、嘆願書が FDA に提出される。FDA はこの要求を拒否する ³⁹⁾ 。
1999 年 8 月 19 日	FDA が生理食塩水充填 breast implants の製造業者に対して 515(b) を発令する ³⁹⁾ 。
1999 年 10 月 5 日	FDA がガイダンス文書 (案) "Guidance on Preclinical and Clinical Data and Labeling for Breast Prostheses." を発行する ³⁹⁾ 。
1999 年 12 月 9 日	Michigan 州米国破産裁判所の Arthur Spectors 判事は Dow Corning 社に対して 13 億ドルの信用債権と 32 億ドルの賠償金を含む 45 億ドルの再建計画内の和解金を承認する。
1999 年 12 月 17 日	FDA が Silimed 社の生理食塩水充填 breast implants の IDE Study を承認する ³⁹⁾ 。
2000 年 3 月 1-3 日	FDA の諮問委員会が生理食塩水充填 Breast Implant の PMA 申請について議論する。FDA に対して 2 件については承認可、1 件は承認不可の提案をする ³⁹⁾ 。
2000 年 4 月 28 日	FDA が PIP 社の生理食塩水充填 breast implants の IDE Study を承認する ³⁹⁾ 。
2000 年 5 月 10 日	FDA が Inamed 社と Mentor 社の生理食塩水充填 Breast Implant を承認する (P990074 及び P990075)。これらの機器は 18 歳以上の女性の乳房増大術及び年齢を問わず女性の乳房再建術に使用可能である ³⁹⁾ 。
2000 年 5 月 26 日	FDA が Hutchison 社の生理食塩水充填 breast implants の IDE Study を承認する ³⁹⁾ 。
2000 年 8 月 2 日	FDA が Mentor 社の SBI を用いた乳房再建術、乳房増大術、交換術に対する IDE Study (Core Study) を承認する。申請書 P030053 の治験である ³⁹⁾ 。
2000 年 9 月 8 日	FDA が Inamed 社の SBI (固めのゲル) の IDE Study を承認する ³⁹⁾ 。
2001 年 6 月 29 日	FDA が Mentor 社の SBI (固めのゲル) の IDE Study を承認する ³⁹⁾ 。
2001 年 7 月 18 日	FDA が Mentor 社の生理食塩水 / シリコンゲル充填 Breast Implant の IDE Study を承認する ³⁹⁾ 。
2001 年 7 月 9 日	FDA の諮問委員会が 2 社の生理食塩水充填 Breast Implant の市販後情報及びデータについて議論する。
2001 年 8 月 13 日	FDA がガイダンス文書 "Guidance for Saline, Silicone Gel, and Alternative Breast Implants." を更新する ³⁹⁾ 。

2002年7月	FDAの諮問委員会が承認された2社の生理食塩水充填 breast implants の市販後データを更新する ³⁶⁾ 。
2002年9月5日	FDAがSilimed社のSBIのIDE Studyを承認する ³⁹⁾ 。
2002年10月	GHTF-SG1N015R19にBreast ImplantがClass D(高リスク)と追記される。
2002年12月30日	Inamed社がFDAへSBIのPMA申請(P020056)をする ³⁹⁾ 。
2003年2月11日	FDAがガイダンス文書"Guidance for Saline, Silicone Gel, and Alternative Breast Implants."を更新する ³⁹⁾ 。
2003年4月29日	FDAがCSS社の生理食塩水充填 breast implants のIDE Studyを承認する ³⁹⁾ 。
2003年5月14日	FDAがInamed社の生理食塩水/シリコーンゲル充填 Breast Implant のIDE Studyを承認する ³⁹⁾ 。
2003年10月14-15日	FDAの諮問委員会がInamed社のPMA申請について議論をし、乳房増大術の最低年齢を決めることを条件として、9対6でFDAへ承認を提案する ³⁹⁾ 。
2003年10月31日	FDAの諮問委員会の議長であるThomas Whalen医師がFDA長官Mark McClellanと5名の連邦議会議員に対して、諮問委員会の結論は間違っているとの書簡を送付する。
2003年11月3日	Kim Gandy, Sidney Wolfe, M.D., Cynthia Pearsonから、Inamed社のSBIの審査を止めるよう、嘆願書がFDAに提出される。FDAはこの要求を拒否する ³⁹⁾ 。
2003年11月3日	Public Citizenが「Petition to Keep Silicone Gel Breast Implants Off the Market」という声明を発表する ⁵⁵⁾ 。
2003年11月18日	Marlene Keelingから、今後SBIの審査を止めるよう、嘆願書がFDAに提出される。FDAはこの要求を拒否する ³⁹⁾ 。
2003年12月12日	Mentor社がSBIのPMA(P030053)申請を行う ³⁹⁾ 。
2004年1月7日	Inamed社がSBIのPMA申請に対する"Not Approvable" letterをFDAから受け取る ³⁹⁾ 。
2004年1月13日	FDAがガイダンス文書"Saline, Silicone Gel, and Alternative Breast Implants."を更新する ³⁹⁾ 。
2005年4月11-13日	FDAの諮問委員会がInamed社のPMA申請の承認を1品目に問題があるとして5対4で否決、Mentor社のPMA申請の承認を7対2で可決し、FDAに対して乳房増大術の最低年齢を決めることと複数のPost-Approval Studyを条件として提案する ³⁶⁾ 。
2005年4月12日	Public Citizenが「Testimony on Silicone Gel Breast Implants」という声明を発表する ⁵⁵⁾ 。
2005年12月6日	Public Citizenが「Testimony on Silicone Gel Breast Implants」という声明を発表する ⁵⁵⁾ 。
2006年3月27日	Allergan社がInamed社を買収する ⁵⁰⁾ 。
2006年10月12日	Public Citizenが「Letter Calling for Criminal Investigation of Breast Implant Manufacturer」という声明を発表する ⁵⁵⁾ 。
2006年11月17日	FDAがAllergan社とMentor社のSBIをPMA承認する。

	1992年の Voluntary Moratorium 後、乳房増大術にも使用可能となる初めての SBI である。SBI の治験において残った科学的疑問に答え、安全性・有効性をさらに明らかにするために、承認条件として 6 種類の post-approval study が要求される ³⁶⁾ 。
2010年3月30日	フランスの規制当局が PIP 社の製造所に予告なし監査を実施し、医療用ではなく、工業用シリコンであったことを見つけたため回収を通告し、外科医に対して PIP 社の SBI を使用しないようアナウンスする。PIP 社は回収をせずに会社をたたむ ³⁸⁾ 。
2010年7月2日	NBOG (Notified Body Operations Group: NBOG) の 7 月 1 日の会議議事録が回覧され、AFSSAPS の 2 人 7 日間の監査によって、製造所の従業員が原材料のコンテナのラベルを剥がしており、原材料のグレードが医療用ではなく、工業用と異なっていたことが明らかなる。
2010年9月3日	MHRA が PIP 製品の毒性試験の結果を公表する。遺伝毒性と化学毒性は陰性であった ³⁸⁾ 。
2010年10月4日	MHRA が毒性に注目して、PIP 製品の臨床現場に対するアドバイスを更新する ³⁸⁾ 。
2011年1月26日	FDA が Breast Implant を挿入した女性の anaplastic large cell lymphoma (ALCL) に対する Safety Communication を発出する。 学術論文を調査した結果、発生率は低いものの SBI 周辺の瘢痕拘縮において ALCL のリスクが上がるとしている ³⁶⁾ 。
2011年2月16日	MHRA が PIP 製品に関する Device Alert を発出する ³⁸⁾ 。
2011年2月17日	Public Citizen が「Breast Implants and Cancer Revisited: Plastic Surgeons Cover Up New Evidence of Human Cancer From Implants」という声明を発表する ⁵⁵⁾ 。
2011年2月28日	CDRH (Center for Devices and Radiological Health: CDRH) 長官の Dr. Jeffrey Shuren が Public Citizen に対して書簡を送る ³⁹⁾ 。
2011年3月2日	Public Citizen が「Misleading Communications Regarding Breast Implant-Related Cancer to Be Removed From Websites of Leading Plastic Surgery Organizations」という声明を発表する ⁵⁵⁾ 。
2011年4月14日	AFSSAPS が PIP の SBI が遺伝毒性を示さなかったことを公表する ³⁸⁾ 。
2011年6月22日	FDA が SBI の安全性情報を更新する。 Allergan 社と Mentor 社の市販後調査の暫定結果を含んでいる ³⁶⁾ 。
2011年6月22日	Public Citizen が「FDA Should Have Advised Women Against Getting Silicone Breast Implants for Cosmetic Reasons. Statement of Dr. Sidney Wolfe, Director, Public Citizen's Health Research Group」という声明を発表する ⁵⁵⁾ 。
2011年8月30-31日	諮問委員会が臨床現場における SBI の市販後問題(安全性の長期成績)について議論を行う ³⁶⁾ 。

2011年11月24日	PIP社のSBIを挿入していたフランスの女性がALCLによって死亡する ³⁸⁾ 。
2011年12月20日	フランスのメディアによって、フランス政府が予防措置としてPIPのSBIを抜去するように勧告するとの噂が広まる ³⁸⁾ 。
2011年12月23日	PIP社のSBIの破裂率が高まっているとの市販後情報があることから、健康管理当局であるフランス医薬品庁が緊急対策会議を開き、美容外科協会と国立がん研究所長と被害者団体代表とで、PIP社のSBI(2001年～2010年3月製造)を包括的に回収することで合意した。フランスのベルトラン保健相が移植者全員(フランス国内の約3万人)に対して、そのSBIを摘出するよう呼びかけた。さらに、移植者であった患者が死亡したことで、このSBIにがんを発症しやすいという疑惑が生じた。その疑いのあるケースがこれまでに8件報告されているが、直接の因果関係を証明するのは困難とみられている ³⁸⁾ 。
2012年1月11日	イギリスの保健省がPIP問題に関連してDermal filler(皮膚充填剤)を含めた美容外科の分野における安全性と品質問題に言及し、適切な規制の在り方について欧州レベルで議論していることを公表する ⁵³⁾ 。
2012年3月9日	FDAがSientra社のSBIをPMA承認する。SBIの治験において残った科学的疑問に答え、安全性・有効性をさらに明らかにするために、承認条件として一連のpost-approval studyが要求される ³⁶⁾ 。
2012年3月12日	AFSSAPSがEC各国の規制当局及び認証機関に対して、2001年1月以前のPIP製品に承認されたゲルが使われていたかの記録がないことを通達する ³⁸⁾ 。
2013年2月20日	FDAがAllergan社の凝集性の高いゲルのSBIをPMA承認する。SBIの治験において残った科学的疑問に答え、安全性・有効性をさらに明らかにするために、承認条件として一連のpost-approval studyが要求される ³⁶⁾ 。 1.Core Cohort Study 2.US Post Approval Study 3.Case-Control Studies 4.Continued Access Study 5.Focus Group Study
2013年6月14日	FDAがMentor社の凝集性の高いゲルのSBIをPMA承認する。SBIの治験において残った科学的疑問に答え、安全性・有効性をさらに明らかにするために、承認条件として一連のpost-approval studyが要求される ³⁶⁾ 。 1.Core Cohort Study 2.US Post Approval Study 3.Case-Control Studies 4.Continued Access Study 5.Focus Group Study

2.3.2 個人訴訟数の動向

米国におけるSBI裁判の個人訴訟数及び論文数の推移をTable 2.2とFig. 2.1に示す。1991年から1994年までの3年間に論文数が3.4倍増加しているのに対して、

個人訴訟数は 139.4 倍に増加している。

Table 2.2 Number of Individual Lawsuits in the US and Literatures about SBI

年	個人訴訟数	論文数
1990	0	38
1991	137	59
1992	3,558	99
1993	12,359	105
1994	19,092	202

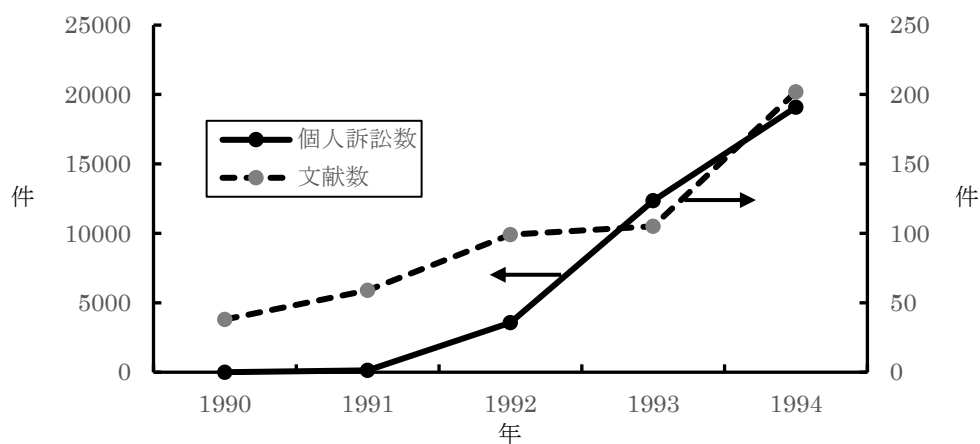


Fig. 2.1 Number of Individual Lawsuits in the US and Literatures about SBI

2.3.3 平均賠償金額の動向

米国におけるSBI裁判の平均賠償金額(その年の賠償金額の平均値)及び論文数の推移をTable 2.3とFig. 2.2に示す。平均賠償金額は近似的な上昇を著者が太いグレーの曲線で示した。しかし論文数が1977年から1994年まで11.2倍の上昇率であるのに対して、平均賠償金額は1998年に241.2倍と大変高い上昇率を示している。

Table 2.3 Amount of Compensatory Damages in the US and Number of Literatures about SBI

年	平均賠償金額(千ドル)	論文数
1977	170	18
1978		22
1979		37
1980		34
1981		20
1982		20
1983		39
1984	1,710	26
1985		19
1986		22
1987		25
1988		30
1989		41
1990		38
1991	5,730	59
1992	25,000	99
1993		105
1994	27,900	202
1995	10,050	175
1996		156
1997		131
1998	41,000	112
1999	10,000	92

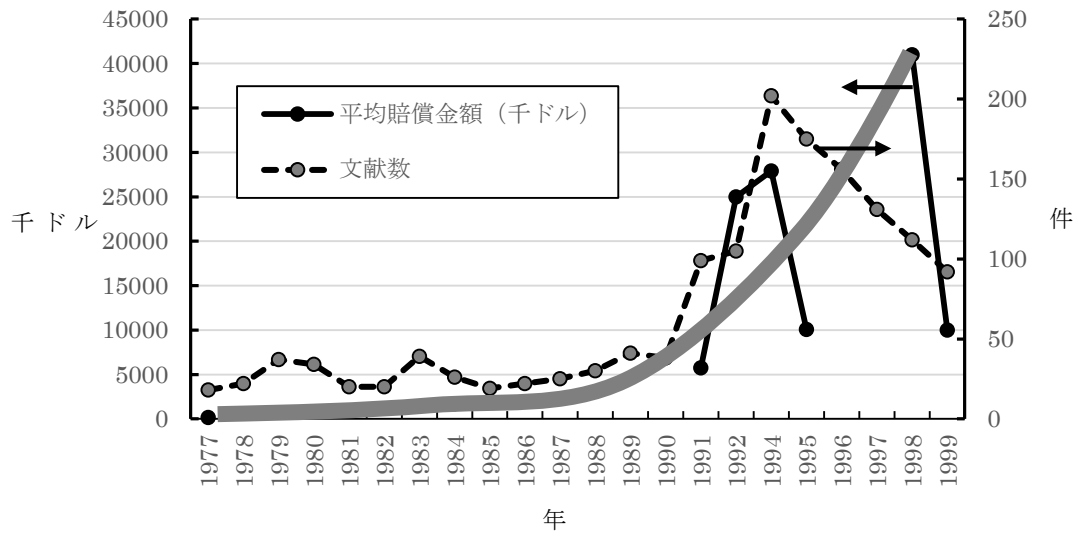


Fig. 2.2 Amount of Compensatory Damages in the US and Number of Literatures about SBI

2.4 考察

2.4.1 個人訴訟数の動向

1991年から1994年までの3年間に論文数が3.4倍増加しているのに対して、個人訴訟数は139.4倍に増加している。個人訴訟数の変化から事前に社会問題化を評価できるか検証した。

医療機器の安全性に関する情報は医学専門家が科学的に検証するが、非医学専門家の場合は裁判が始まってから急速に関心が高まるのが分かる。この場合の非医学専門家は弁護士であり、『Dicing with Death: Chance, Risk and Health』によると⁵⁶⁾、弁護士の関心は賠償金の40%となる報酬であると指摘している。

訴訟数に応じて対応するコストが増加するのであるから、医学専門家の論文数が上昇する時点で、将来に非医学専門家が訴訟を起こす可能性を想定できるか検討してみた。ここで問題になるのは、変化の予兆をどの数字手は根拠をもって評価するかである。2点間の変化だけで、その傾向が続くと評価するのは難しく、最低でも3点の変化をみる必要があると考えると、SBIの場合では1990年から1992年の2年間で論文数が1.6倍、1.7倍と上昇しており、1992年末には医学専門家の論文数の上昇が確認できる。しかし、1992年には訴訟数がすでに26.0倍になっており、すでにクライシスになっている訴訟をリスクとして評価するには遅すぎる。1989年の論文数は41報であり、1990年は減少しているので、結局はリスクは2点の変化で評価し決断するしかないであろう。

SBIの場合、訴訟数は急激に増加しており、リスク評価は困難であると考えられる。

2.4.2 平均賠償金額の動向

平均賠償金額は論文数に遅れて上昇していることがわかる。しかし論文数が1977年から1994年まで11.2倍の上昇率であるのに対して、平均賠償金額は1998年に241.2倍と大変高い上昇率を示している。

平均賠償金額の動向を、1)個人訴訟数の動向で考察したように、2点の変化としてとらえると、1984年の段階で賠償金額が10倍になっているので、この時点で訴訟のリスクを評価することが可能であったと考えられる。しかし、実際に医学専門家の論文数も変化していない時点で、賠償金額のデータだけで10年後のリスクを想定することは難しいと思われる。また、賠償金額がここまで高額になったのは、懲罰的損害賠償金の影響が大きいであろう。Dow Corning社の社内資料によって1984年のMaria Stern裁判ではすでに150万ドルの懲罰的損害賠償金が認められており、1992年のPamela Jean Johnson裁判では2000万ドルとなっている。つまり補償的損害賠償金だけであれば500万ドル程度で済んでいたことになる。ただし、1998年のCharlotte Mahlum裁判は被告がDow Chemical社であったため、補償的損害賠償金のみで4100万ドルとなっている。しかし経緯を見ると、懲罰的損害賠償金の意味合いが強いと考えることができるだろう。Dow Corning社は1984年のMaria Stern裁判では、その社内資料を公開し

ないことを条件に懲罰的損害賠償金を支払っている。しかし、1990年12月に民主党の Ted Weiss 下院議員が未公開であることを問題視し、結局1991年12月13日の Mariann Hopkins 裁判では再び使用されることとなった。その裁判には Maria Stern 裁判の弁護士 Dan Bolton と FDA の諮問委員会議長であった Norman Anderson 医師が関係しており、Dow Corning 社以外の製造販売業者としては1984年の時点で、将来の集団訴訟と高額な和解金を想定することは困難であり、賠償金額の変化からリスクを評価することは難しいと考えられる。

2.4.3 企業の対応

裁判では製造物責任以外にも被告企業の悪質さという主観的な要素が入り込んでいる。SBIの事例では Dow Corning の品質問題に対する対応の悪質さが懲罰的損害賠償金の急激な上昇を招き、企業の対応が SBI の社会問題化に影響を与えたと考えられる。1984年11月4日に初めての懲罰的損害賠償金150万ドルが課せられたことはダウ・コーニングの行動に問題があったことになるが、1980年代は3MやBMS等の大企業が積極的にSBIのビジネスに参入した時期であり、あくまで一企業の問題としてとらえていたと考えられる。

また、SBIは1976年7月23日FDAの形成外科諮問委員会がクラスⅢにするよう推奨、1982年1月19日FDAがクラスⅢへ引き上げ提案、1988年6月24日FDAがクラスⅢへ引き上げ、1989年1月6日FDAがPMA申請を通達、と1990年代以前にリスクが高い医療機器であると何度も安全性のリスクについて再評価する機会があったが、SBIと自己免疫疾患の因果関係が社会問題化することまでは想定しなかったと考えられるが、少なくとも1982年のクラス上げ提案の段階で、将来PMA申請が要求されると考えて臨床研究を開始することが良いと考えられる。

2.4.4 弁護士の影響

グラスゴー大学の数学・統計学教授である Stephen Senn は『Dicing with Death: Chance, Risk and Health』において、「法律家としての成功は、勝訴した件数で判断されるのであって、真実を勝ち取ったかどうかによるのではない。これは利害が対立する体系の必然の結果である」と指摘している⁵⁶⁾。また、ハーバード大学医学部の Marcia Angell は『Science on Trial』において、「この成功報酬制度によって原告弁護士が裁判の理非についてほとんど考えもせずに、訴訟を起こす気になる。被告側は大変な数の訴訟でいちいち抗弁するのはコストがかかるので、なんとかかなりそうな裁判でも、裁判外で和解しようという気になる。」と指摘している⁴⁴⁾。

疫学研究の結果などの科学的証拠がない場合、SBIを挿入した女性は弁護士とともにシリコンと疾病の因果関係を時系列的に理解する傾向にある。また賠償金が莫大に膨れあがる裁判結果 (Table 2.3) から、まだ発症もしていない段階で、疾病のリスクがあ

ることを理由に原告になろうと考える女性が増える (Table 2.2) ことは心理的に理解できる。なお、米国では近年 FDA から Safety Communication を発出すると弁護士が集団訴訟を呼び掛ける傾向がある。

シリコンにより疾病が発生したという主張は、前後即因果関係という推論に基づいているが、科学的データが不足している限りにおいて医学専門家は結論を述べることはできず、非医学専門家の主張のみが強調され、裁判の陪審員は科学的に因果関係を判断する証拠を持たずに判断することとなる。北里大学名誉教授の塩谷信幸によると、ここで使用されたキーワードは Human Adjuvant Disease (ヒトアジュバント病) であると指摘している⁵⁷⁾。1973年、1979年に発表された日本の論文^{58, 59)}に目をつけた弁護士は、これが Human Adjuvant Disease だと言って、患者をテレビに出演させ、無残に変形した姿を見せた⁵⁷⁾。しかし、それらはワセリンや工業用シリコンを注入された患者についての論文であり、さらにそれらを引用した1990年の論文もケース・レポート⁶⁰⁾であった。

弁護士の目的が『Dicing with Death: Chance, Risk and Health』で指摘するように勝訴の数であるとするならば、科学的因果関係を争点にすると提言することに大きな効果はないと考えられる。

2.4.5 一般国民とメディアの影響

『FDA Breast Implant Consumer Handbook』によると、FDA は SBI の禁止を訴える嘆願書を1996年から2003年まで6回受け取っている。また、米国の消費者保護運動を行う NGO (Non-Governmental Organizations: NGO) である Public Citizen は1988年から2019年まで声明を出し続けている。それらは、ベネフィットとリスクのバランスにおいて少しでもリスクのある SBI は禁止すべきであるという内容である。そのようなゼロディフェクトの考えは患者、弁護士やメディアにもあると想定され、医療機器の社会問題化に大きな影響を与えられると思われる。

1988年6月にFDAがBreast ImplantのクラスをⅡからⅢへ引き上げた5ヶ月後の11月にRalph Nader (Public Citizen 設立者)、Dan Bolton (弁護士) と Sybil Goldrich (アドボカシー・グループ Command Trust Network 設立者) が CBS のイブニング・ニュースで「SBI ががんを引き起こしている」と警告を始めたことから、メディアによる SBI の論争が始まった。Marcia Angell は『Science on Trial』において、メディアは「証拠が全くないにもかかわらず、人々を新たな健康に関する恐怖であおり、関心を持たせた。その論争を批判的に分析することはほとんどせず、全体を俯瞰して述べることもなかった。人々はすぐに SBI が重篤な病気の原因であるかと確信するようになり、世論は FDA に圧力をかけた」と指摘している⁴⁴⁾。その指摘が正しいならば、科学的因果関係を検証すると提言することに大きな効果はないと考えられる。

2.4.6 裁判における医学専門家の影響

『Dicing with Death: Chance, Risk and Health』によると、「何十億ドルもの金が、製造業者からかつての顧客の許へ送られているところだったが、そのすべてが当の目的地に達するわけではなかった。弁護士が賠償金のうち40%を報酬として取り、もちろん鑑定証言をした人もいたので、医師の世界へ流れたものも相当あった。損害がなければ損害賠償はできないし、求めているのが身体への損害なら、医師が必要になる。進行中の医学的な問題が存在し、そこに鮮明な立場があるなら、関与しても経歴に傷がつくこともない。」という指摘がある⁵⁶⁾。原告側の医学専門家が裁判において、peer reviewを経ない因果関係を証言すれば、非医学専門家はそのまま受け入れると思われる。

1994年のMayo Clinicの疫学研究を初めとして、メタアナリシスの論文がいくつも発表された⁶¹⁻⁶³⁾が、それらがすぐに裁判結果に影響を与えることはなく、1998年12月にはSBIの歴史上最高金額である4100万ドルの補償的損害賠償金がNevada州最高裁判所によって決定されている。『Dicing with Death: Chance, Risk and Health』によると、「SBIの裁判が終息に向かうきっかけは1996年Alabama州地方裁判所のSam C. Pointer Jr.判事が、免疫学、疫学(裁判ではあまり登場しない)、毒物学、リウマチ学の4人の専門家で組織する科学委員会に対して、既存の研究を基にして、シリコーンの移植材が結合組織疾患など、関連があると言われていた自己免疫疾患を引き起こしたり悪化させたりするという結論を導くことに根拠はあるかどうかを判定する任務を与えたことによる⁵⁴⁾」という指摘がある。その科学委員会の報告である『Meta-analyses of the relation between silicone breast implants and the risk of connective-tissue diseases』によると、「慢性関節リウマチの発病率が1%で、100万人の女性がシリコーンを入れたとすれば、その内の1万人ほどは、疾病の存在とは無関係に、慢性関節リウマチにかかっていることが予想される。」という結論であった⁶⁴⁾。判事が設置した科学委員会の結論を裁判所が採用するという手続きを経て、医学専門家の役割が大きいことが確認された。なお、1976年にはFDAの諮問委員会がSBIのクラスIIIへのクラス上げの推奨をしており、当時の諮問委員会の医学専門家がリスクの高い医療機器であると考えていたが、学会では疫学研究などを実施するなどには至らず、対応が十分にはされていなかった。

2.5 本章のまとめ

第2章では、SBIの歴史より、関係者がどのようにSBIの問題に関心を持ち、裁判におけるシリコーンと疾病の因果関係の判断に影響を与えたかについて学術論文、書籍、インターネットにより調査を行った。

SBIの事例での社会問題とは、①1990年12月2日メディアがFDA非難を始め、②1990年12月18日議会がSBIの安全性について公聴会を開催し、③1991年7月裁判で損害賠償金が535万ドルへと高騰し、④1992年1月6日FDAがSBIの自主出荷停止を公表した、一連の状況のことである。

SBIの事例ではDow Corningの品質問題に対する対応の悪質さが懲罰的損害賠償金の急激な上昇を招いたが、企業の倫理を社会の倫理に合わせることによって、懲罰的損害賠償金の上昇を抑えることができると思われる。

シリコーンにより疾病が発生したという主張は、前後即因果関係という推論に基づいているが、科学的データが不足している限りにおいて医学専門家は結論を述べることはできず、非医学専門家の主張のみが強調され、裁判の陪審員は科学的に因果関係を判断する証拠を持たずに判断することとなる。

一般国民やメディアはゼロディフェクトの考えを持つため、SBIのように当初は小さな判例が次第に大きな社会問題へ発展して行ったと思われる。

全ての医学専門家がSBIの裁判において科学的証拠を示したわけではなく、判事により設置された委員会の報告という形式を取らなければ、疫学研究の結果は裁判結果にすぐに影響を与えることはなかった。

以上より、非医学専門家が科学的根拠を受け入れるには、かなりの時間を要することと考えられる。本SBIの事例から、リスクが潜在的に確認された段階から迅速に、行政内に医学専門家等からなる科学委員会等を設置することは重要であると考えられる。

第3章 SBIの社会問題に対する医学専門家の 対応

3.1 本章の目的

3.2 SBIに関する論文数の推移

3.2.1 目的

3.2.2 方法

3.2.3 結果

3.2.4 考察

3.2.5 本節のまとめ

3.3 本章のまとめ

3.1 本章の目的

前章において SBI の社会問題において非医学専門家は前後即因果の誤謬により、科学的根拠を受け入れにくいと考察した。社会問題は医学専門家と学会からの疫学研究による科学的根拠によって終息したものの、裁判所がその科学的根拠を受け入れるには裁判所において組織した科学委員会が検証するという手続きが必要であった。

本章では、医学専門家が学術論文の発表により科学的根拠を確立する経緯について調査することにより、開発時に想定しなかったリスクが社会問題化することを防ぐための方法や時期を明らかにすることを目的とする。

3.2 SBIに関する論文調査

3.2.1 目的

SBI は 1960 年代に開発された、単純な構造を有するシリコン製のインプラント医療機器であり、1976 年の Medical Device Amendments 以降、米国では 510(k) によって承認されていた。SBI の使用目的の一つには乳がん患者が乳腺摘出後に受ける乳房再建術であり、主として女性が受容する医療機器である。

SBI は大変単純な構造の医療機器であることから、医学専門家の多くは SBI の ISO 14971⁶⁵⁾ に定義されるハザードや危険状態 (Hazardous situation の日本語訳) を簡単に評価できると考え、専ら手技や、その結果に関心を持っていただけかもしれない。その後、SBI は最もリスクの高い医療機器としてクラス III (欧州、米国) またはクラス IV (日本) となった。SBI の歴史は我々が新医療機器のリスクを完全には評価できないことを示している。新しいハザード、新しい危険状態または新しいリスクは医療機器が市場に供給されてから、臨床現場において確認されるものである。しかし、ISO 14971 はビジネス・リスクを対象としておらず、本論文の社会問題のようなリスクは開発時のリスク管理の対象として扱われない。

本章では、SBI が開発された 1960 年代から 2014 年まで発表された学術論文に対して、雑誌のカテゴリ、第一著者の国、論文内容の推移について、米国の SBI に関する規制の変化や社会問題の発生から期間を分割し、考察する。規制の変化及び社会問題の発生と論文数及び論文内容との関係の変化の分析という方法によって、医学専門家 (外科医、内科医及び医療社会学者) が経時的に SBI にどのような関心を示していたかを通じて、社会問題化することを防ぐための方法や時期を明らかにする。

3.2.2 方法

本研究では、MEDLINE (PubMed-NCBI) のデータベースにおいて「Silicone Breast Implant」をキーワードとして 2015 年 5 月 1 日に検索した結果として、1963~2014 年の 2,826 件が得られた。いくつかの論文は SBI とは直接関係のない湾岸戦争症候群 (SBI を挿入したグループ) や皮弁術 (SBI との顧客結果) が含まれているが、選択バイア

スを除くために全ての論文を分析対象とした。

1) 分析方法

各年または下記に示す各期における論文数または平均論文数を計算した。分析は統計手法を用いず、論文数及び論文内容の推移から医学専門家の関心の変化について比較を行った。

2) 雑誌カテゴリー、第一著者の国、論文内容の分類

全ての論文を①雑誌カテゴリー、②第一著者の国、③論文内容の3点によって分類した。

① 雑誌カテゴリー

雑誌名に「Surgery」または「Nursing」が入っている場合は、「Surgery」または「Nursing」と分類した。その他の多くの医学雑誌は「Medicine」と分類した。雑誌名が「public/environmental health」、「epidemiology」、「life science」、「regulations」、「ethics」または「sociology」に関係する場合は「Sociology」と分類した。雑誌名が「materials」、「chemistry」または「science」に関係する場合は「Science」と分類した。雑誌名が「imaging」、「implant」、「instrument」または「medical device」に関係する場合は「Medical Device」に分類した。その他の科学に関係しない雑誌（例えば Newsweek など）は「Others」に分類した（Table 3.1）。

Table 3.1 Number of Literatures of SBI in each Journal Category

Journal Category	Number of Literature
Surgery	1,488 (52.7%)
Medicine	1,077 (38.1%)
Science	81 (2.9%)
Medical Device	77 (2.7%)
Sociology	62 (2.2%)
Nursing	37 (1.3%)
Others	4 (0.1%)
Total	2,826 (100.0%)

② 第一著者の国

第一著者の国は「Author's Information」を用いて判断した。もし、MEDLINE において検索された論文にその情報が掲載されていない場合は、その著者の他の論文を参考にして判断した。雑誌の編集者の場合は、その雑誌の住所により判断した。地域は「北米」、「西欧」及び「その他」とした(Table 3.2)。

Table 3.2 Number of Literatures of SBI in North America, West Europe and Others

地域	北米	西欧	その他	計
論文数	1,522 (53.9%)	847 (30.0%)	457 (16.2%)	2,826 (100.0%)

③ 論文内容

各雑誌のホームページから雑誌の目的を確認した上で、論文のタイトル、アブストラクト及び本文を読み、安全性、有効性、品質または社会学に関係した内容であるかを判断した。安全性は合併症を含む有害事象、有効性は手技の成功を含む患者の転帰、品質は不具合、そして社会学は規制関連／社会問題／開発の歴史／医療裁判に関する内容である。2,826 件の内、154 件は複数の内容を含んでいたため、各カテゴリーの論文数を足すと 2,980 件となった(Table 3.3)。

Table 3.3 Characteristics and Number of Literatures of SBI in Four Essential Principles

要求事項	内容	論文数
Safety	Causal Relation, Complication, Long-Term Effect, Experience, Clinical Study, Risk/Safety	1,218
Efficacy	Technique, Diagnosis, Treatment, Quality of Life, Experience, Clinical Study, Technology	1,088
Quality	Rupture, Bleeding/Migration, Property, Surface Type, Material, Design, EQUAM, Manufacturer	331
Sociology	Regulation, Guideline, Registry, Fault/Scandal/Debate, Recall, Sociology, Epidemiology, History, PL, Lactation, Reprocess	343
Total		2,980

3) 分析期間の設定

1963 年から 2014 年までの全期間を、以下の 6 つの出来事によって第 I 期から第 VII 期に分割した。

① 1976 年:Medical Device Amendment 公布

- ② 1982年:breast implant のクラスⅡからⅢへの引き上げ提案
- ③ 1988年:breast implant のクラスⅡからⅢへの引き上げ決定
- ④ 1992年:Voluntary Moratorium
- ⑤ 2006年:SBIのPMA(premarket approval)承認
- ⑥ 2011年:ALCLに関するSafety Communication 発出

第Ⅰ期から第Ⅶ期の論文数を Table 3.4 に示す。

Table 3.4 Contents and Number of Literatures of SBI in Seven Periods

期	内容	論文数
I (1963 – 1976)	Early Period	107
II (1977 – 1981)	510(k) Period (After Medical Device Amendment)	131
III (1982 – 1987)	First Risk Period (After FDA proposed SBI as Class III)	151
IV (1988 – 1991)	Second Risk Period (After FDA re-classified SBI from Class II to Class III)	168
V (1992 – 2005)	First Crisis Period (After Voluntary Moratorium)	1,488
VI (2006 – 2010)	PMA Period (after PMA of SBI)	347
VII (2011 – 2014)	Second Crisis Period (FDA Notice of ALCL)	434
Total		2,826

注)「Risk」とは、まだ発生していない将来起こりうるかも知れない「Crisis」の源であり、「Crisis」は現実の問題として発生し、ダメージを与えている状態のことである。

3. 2. 3 結果

1) 論文数の推移

論文数の推移を Fig 3.1 に示す。1963 年から 2014 年までベース・ライン (Fig 3.1 の矢印) として徐々に増加していた。第 II、III、V 及び VII 期にピークが観察された。各期間の論文内容より、第一ピーク (a) は 510(k) によって複数の製造業者が Pre-market notification を得た、SBI を用いた手技の初期導入に関連していた。第二ピーク (b) は、それに続き手技の改良に関連していた。第三ピーク (c) は全期間において最も大きいピークであり、シリコンと自己免疫疾患や結合組織病などのさまざまな疾患との因果関係に関連していた。第四ピーク (d) は ALCL と PIP 問題に関連していた。

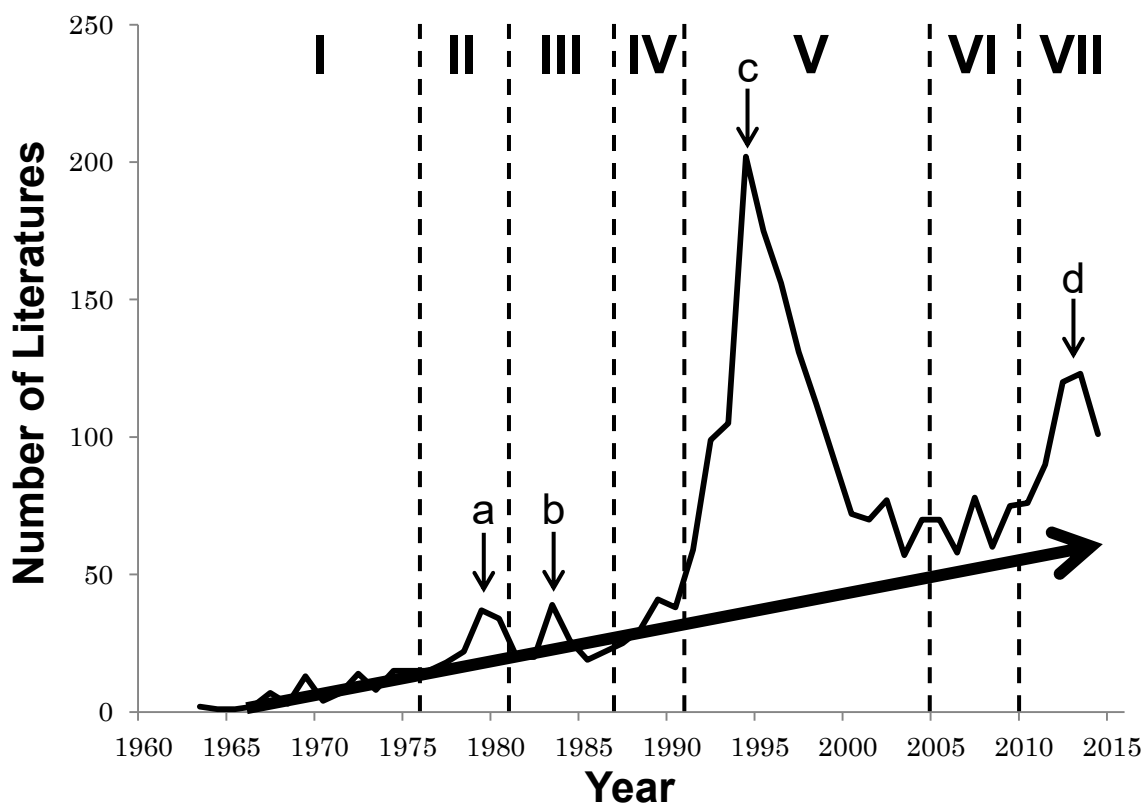


Fig. 3.1 Number of Literatures of SBI in Each Year

2) 雑誌カテゴリーごとの論文数の推移 (Table 3.5)

「Surgery」に分類した論文数は 1,488 件 (52.7%) であり、「Medicine」に分類した論文数 1,077 件 (38.1%) の 1.4 倍であった。その他のカテゴリーは「Science」81 件 (2.9%)、「Medical Device」77 件 (2.7%)、「Sociology」62 件 (2.2%)、「Nursing」37 件 (1.3%) 及び「Others」4 件 (0.1%) であった。全てのカテゴリーにおいて第 V 期に最も論文数が多くなっていた。

Table 3.5 Number of Literatures of SBI in Journal Categories

期	外科学	医学	科学	医療機器	社会学	看護学	その他
I	69	34	0	2	0	2	0
II	98	28	2	0	1	2	0
III	110	36	1	1	0	2	1
IV	92	68	2	1	2	3	0
V	607	699	58	48	48	25	3
VI	246	72	9	13	5	2	0
VII	266	140	9	12	6	1	0
Total	1,488 (52.7%)	1,077 (38.1%)	81 (2.9%)	77 (2.7%)	62 (2.2%)	37 (1.3%)	4 (0.1%)

次に「Surgery」と「Medicine」の κατηγοリーを取り上げ、各期の平均論文数をプロットした (Fig 3.2)。「Surgery」ではピーク(a)とピーク(c)に対応した平均論文数のピークを示し、「Medicine」ではピーク(c)に対応した大きなピークが示された。なお、「Medicine」の第VII期は分析期間の最後であるため、平均論文数は多いものの明確にピークを確認できなかった。

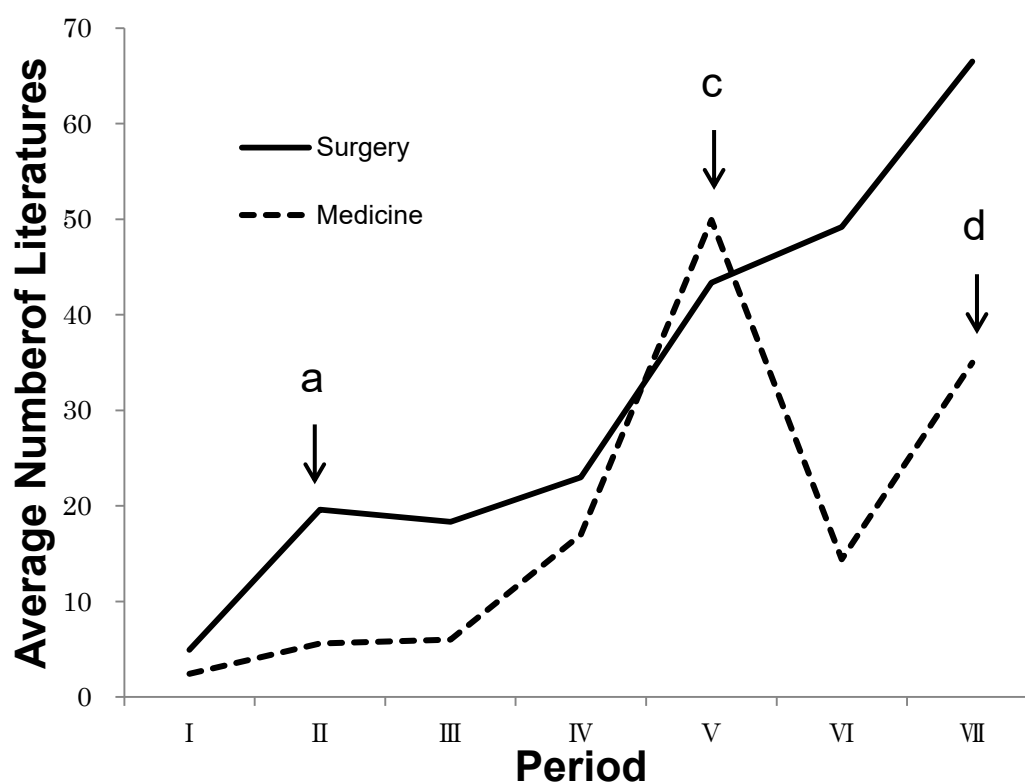


Fig. 3.2 Average Number of Literatures of Surgery and Medicine Journals in Each Period about SBI

形成外科系の掲載論文数が多いメジャーな 3 つの雑誌「Plastic and Reconstructive Surgery」、「Annals of Plastic Surgery」及び「Aesthetic Plastic Surgery」における論文数の推移をプロットし、Fig 3.3 において確認したピークの位置を示した (Fig 3.3)。「Plastic and Reconstructive Surgery」はピーク (a)、(b) 及び (c) を、「Annals of Plastic Surgery」はピーク (c) を示し、ピーク (b) は観察されなかった (1978 年からの発行であるためピーク (a) は明確に確認できなかった)。一方、「Aesthetic Plastic Surgery」では 2006 年以降に論文数が上昇していた。

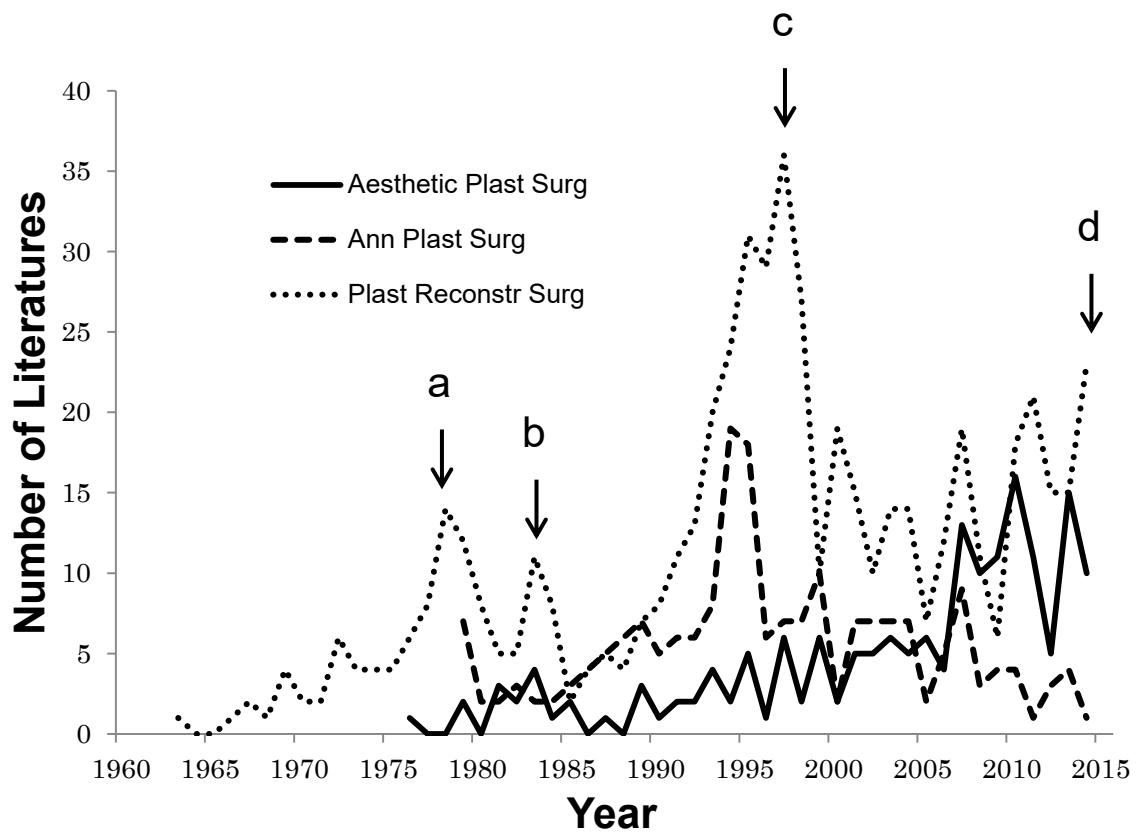


Fig. 3.3 Number of Literatures of SBI in Three Plastic Surgery Journals in Each Year

3) 第一著者の地域の期毎の平均論文数の推移

第一著者の地域ごとの論文数は北米 1,513 件(53.2%)、西欧 847 件(29.6%)及びその他 457 件(16.2%)であった。各地域の各期の平均論文数をプロットした(Fig 3.4)。北米の医学専門家はピーク(a)とピーク(c)に対応した平均論文数のピークを示し、西欧の医学専門家はピーク(c)に対応した小さなピークが示された。なお、西欧の第Ⅶ期は分析期間の最後であるため、平均論文数は多いものの明確にピークを確認できなかった。その他の地域では、平均論文数は徐々に増加しており、特にピークとして観察されなかった。

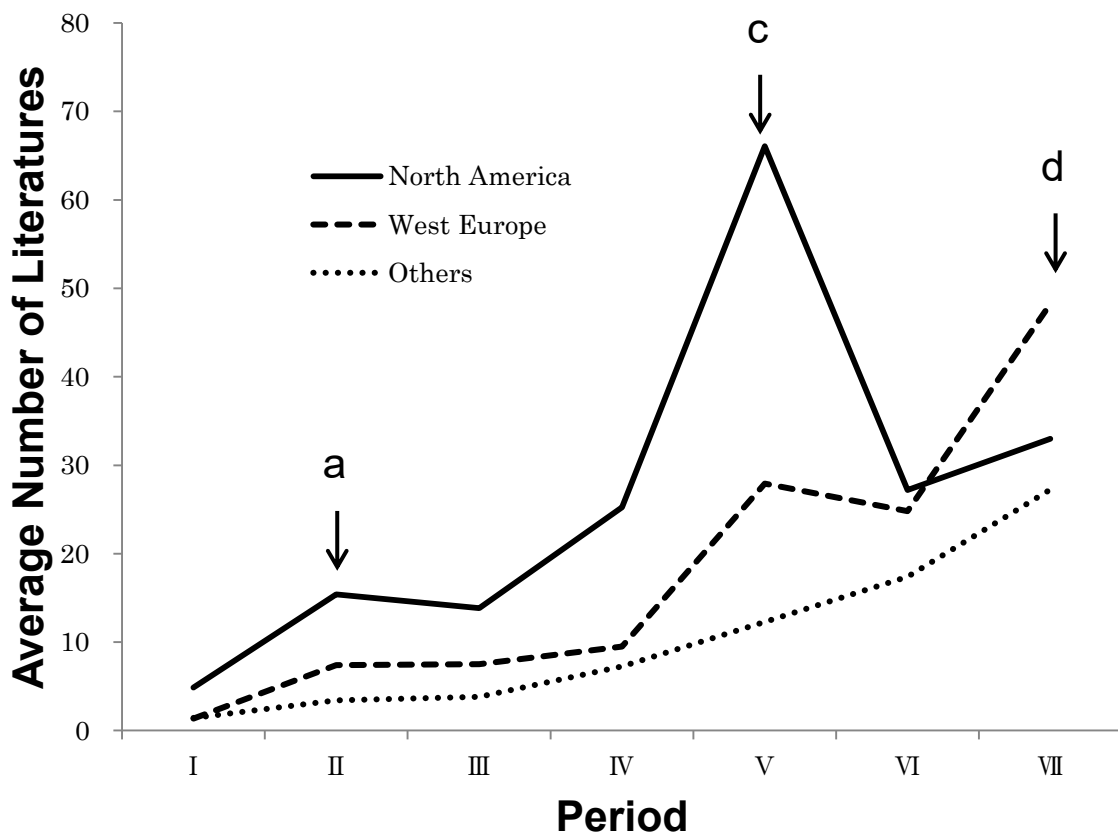


Fig. 3.4 Average Number of Literatures of SBI in North America, West Europe and Others in Each Period

4) 論文内容ごとの論文数の推移

安全性と有効性に関連する論文数が 1,218 件、1,088 件とそれぞれ 41%、37%を占め、品質と社会学に関連する論文数は 331 件、343 件とそれぞれ 11%、12%であった (Table 3.3)。医学専門家の関心は安全性と有効性に集中し、比較すると品質と社会学に関する論文は多くなかった。

各論文内容の各期の平均論文数をプロットした (Fig 3.5)。安全性と有効性はピーク (a) に対応した平均論文数のピークが示された。ピーク (c) に対応した平均論文数のピークは安全性、品質及び社会学で示されたが、有効性では観察されなかった。第 VII 期は分析期間の最後であるため、平均論文数は多いものの明確にピークを確認できなかった。

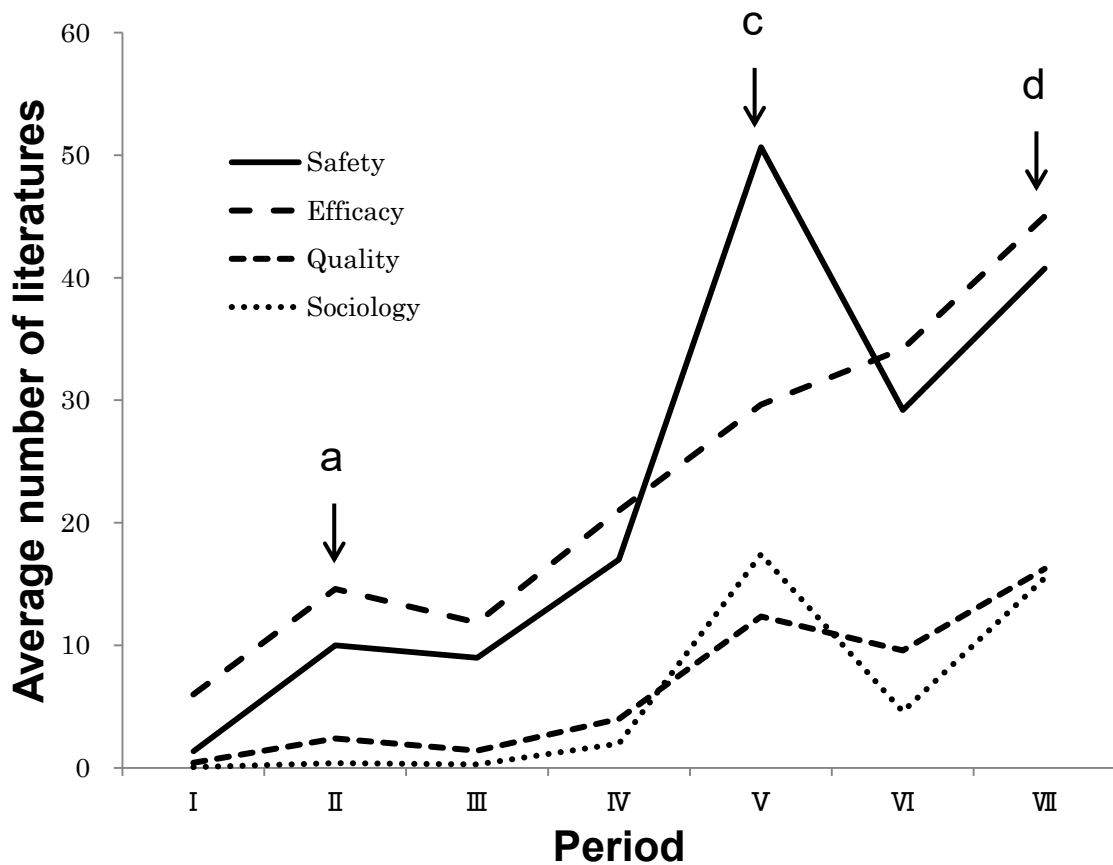


Fig. 3.5 Average Number of Literatures in Essential Principles in Each Period

5) PIP 問題に対する論文数の推移

Table 3.6 に PIP 問題が発生した 2011 年以降の関連する論文数の合計、イギリス、フランス、米国及びその他の国ごとに示す。PIP 問題はフランスから発生した問題であり、イギリスの第一著者からの発表数が多いこと、1963 年から 2014 年までの全期間を通して米国の第一著者からの論文数が最も多いこと(1,420 件、50.2%)からそれらの国を選択した。

PIP 問題に関連するイギリスの論文数は 35 件あり、フランスの 10 件の 3.5 倍であった。それに対し、米国の医学専門家の論文数は大変低かった。その他の国ごとの論文数は少ないものの、合計すると 29 件あった。

Table 3.6 Number of PIP-Related Literatures in Each Country

年	合計	イギリス	フランス	米国	その他
2011	3	3	0	0	0
2012	30	15	4	3	8
2013	33	12	5	1	15
2014	12	5	1	0	6
総計	78	35 (44.9%)	10 (12.8%)	4 (5.1%)	29 (37.2%)

3. 2. 4 考察

1) 第 I 期から第 III 期における医学専門家の対応

1962年に初めてSBIが女性に挿入されて以降、第I期は年間15件まで徐々に論文数は増えていった。その半数は米国の医師であるが、カナダ、スペイン、スウェーデン、クロアチアの医師からの発表もあり、SBIの使用が認知され始めた段階であると考えられる。第II期及び第III期にある論文数のピークは1979年の37件、1983年の39件であり、米国の23件、26件と西欧の7件、それ以外にロシアや日本からの論文も現れ始め、1976年の510(k)プロセスによるDow Corning社以外の製造業者のSBI市場への参入や、さらなるグローバル市場への普及する初期の段階であったと言える。論文内容から、医学専門家の最初の関心は「いかに安全にこの機器を臨床現場において有効に使用するか」であった。これはSBIが規制当局により安全性・有効性・品質の観点から審査され承認されていると医学専門家が信じていたからと思われる。SBIのグローバルでの供給拡大によって第I期から第III期にかけて論文数は徐々に増加しており、外科医は第II期に手技の確立、第III期に「いかにCapsular Contracture(皮膜拘縮)を回避するか」という関心を主として示していた。安全性に関する論文は第I期の92件中15件から、第II期の146件中70件へと大きく増え、有害事象の情報もがんや自己免疫疾患に関わる論文が2→16件となっている。FDAが1976年から医療機器の不具合を把握し始めたことを考えると、第III期の始まる1982年のFDAがSBIのクラスをIIからIIIへ上げることを提案した事実は、SBIの規制が強化されるリスクを誰もが認識する可能性があった時期と考えられる。しかし、医学専門家の集団(例えば学会)がそれに対して科学的な反証を行った事実は確認されなかった。

第V期のSBI問題を取り上げている論文は多いが、この第I～III期に規制の強化とそれに続く社会問題化のリスクを想定する可能性があったと指摘している論文は見当たらなかった。

2) 第IV期における医学専門家の対応

第III期で可能性が示唆されたリスクは、第IV期が始まる1988年6月のFDAによるクラスIIIへのリスクレベルの引き上げ³⁶⁾として規制が変更された。医学専門家は、様々な製造業者が供給するSBIの安全性について大きな関心を持ち、論文数も増加すると考えたが、論文数は第II期及び第III期と比較しても、そのような変化は現れなかった。

一方では、1990年12月に米国の民主党議員(非医学専門家)によるSBIの安全性についての下院公聴会が開催された。1991年4月にはFDAがSBIのPMA申請ルールを定め、SBIを販売している全社が90日以内に申請することを要求した³⁶⁾。同時期の1991年からシリコンに起因する疾病との因果関係を認めた複数の判決が出始めた。1984年のサンフランシスコの裁判ではすでにシリコンと自己免疫疾患との因果関係が認められており³⁷⁾、1988年のFDAによるクラス上げはSBIに用いるシリコン

の安全性について医学専門家に注意喚起するきっかけになりえたが、この時期に医学専門家はそのリスクを認識することはなかった。第1回の諮問委員会³⁶⁾が1991年11月に開催され、FDAはSBIを市場に供給させ続けるべきと全会一致で結論を出したが、1992年1月にFDAは申請書の安全性・有効性を評価する間、製造業者が供給停止するとともに外科医が使用停止することを求めるというSBIのvoluntary moratoriumをアナウンスした³⁶⁾。1992年2月の第2回の諮問委員会³⁶⁾では、新しいデータが評価されるまで、SBIを市場から引き上げることと勧告の結論が変化した。

第V期のSBI問題はすでに第IV期に社会問題として発生していたわけであるが、論文数から見る限りにおいて、それに対して医学専門家及び医学会は大きな関心を持っていなかったと考えられた。医学専門家の代表が参加していた1991年11月のFDAの諮問委員会の結論から見ても、SBIに大きな問題があると認識していなかったと推察された。しかし、翌年2月のFDAの決定により諮問委員会の結論も変わったことより、医学専門家が規制当局の決定に受動的に対応していると思われた。その点を指摘している論文は見当たらなかった。

3) 第V期における医学専門家の対応

第V期は「SBIの危機時代」と呼べるだろう。SBIは引き続き乳がん患者の乳房再建術に対して学術研究用として使用できるものの、乳房増大術には使用できなくなった。この時期から医学専門家はSBIの安全性と品質に対するさまざまな疾病の疫学的因果関係に関心を持つこととなった。下院公聴会における因果関係の問題はテレビニュースや新聞、そして集団訴訟で取り上げられ医療社会学者がSBIの社会性に関する関心を持つようになった。この問題は1995年後半から1999年に疫学研究の結果が出てくるようになり、医学的には解決された⁵⁶⁾。1999年6月にはIOM(米国医学研究所)の第三者委員会が、「SBIは局所的な瘢痕拘縮を起こすかもしれないが、紅斑性狼瘡やリウマチ性関節炎などの重大な疾病を引き起こさない」と結論を出している⁶⁶⁾。その後、2002年に申請してから4年間の審査を経て、2006年11月にFDAはSBIの製造業者2社に対してPMA承認を与えた³⁶⁾。第V期において論文数が最も多かったのは1994年の202件であり、その後は2006年の58件まで減少していた。この傾向は米国と西欧の医学専門家のみに見られた。米国と西欧の医学専門家の関心は安全性、品質及び『社会性』に関連するものであり、有効性に対しては第II期に一時的な関心を示すだけであった。一方、他の地域でもシリコーンに起因する疾病との因果関係に関する論文はあるものの、Fig 2.5に示すように、第I期から第VII期まで平均論文数は徐々に増加しており、第V期のピーク(c)を認めなかった。これは他の地域では特定の課題に対して短期に集中して議論をすることがないためと考えられる。

4) 第Ⅵ期における医学専門家の対応

第Ⅵ期は「Aesthetic Plastic Surgery」で論文数が上昇していることが特徴である。FDAがPMA承認し、乳房増大術にもSBIを使用できるようになったため美容外科医の関心が上昇し、一方で形成外科医は今までも乳房再建術にSBIが使用できる状況であったことから「Annals of Plastic Surgery」では論文数の増加が見られなかったと推察された。この時期のSBIと医学専門家の関係について言及している論文は見当たらなかった。

5) 第Ⅶ期における医学専門家の対応

第Ⅶ期はPIPスキャンダルと呼ばれるPIP問題⁶⁵⁾の期間である。論文数は2012年～2013年にピークを示した。PIP社のSBIは米国以外の多くの国に流通していた。日本にも輸入されているとの情報があるものの、実体は把握されていなかった⁶⁸⁾。PIP問題に関連するイギリスの論文数は35件あり、フランスの10件の3.5倍であった。全期間のSBIに関連するイギリスの論文数が131件とフランスの103件の1.3倍であったことから推論すると、フランスよりもイギリスの医学専門家がPIP問題に強い関心を示していることが示唆された。PIP問題とは、2011年1月26日にFDAが学術論文を調査した結果、SBIを挿入した女性において罹患率は低いもののSBI周辺の瘢痕拘縮においてALCLのリスクが上がるとSafety Communicationを発出し⁶⁹⁾、その年の11月24日にPIP社のSBIを挿入していたフランス女性がALCLによって死亡したため、12月23日にフランス医薬品庁が移植者全員に対して国費でSBIを摘出するよう呼びかけたこと⁷⁰⁾に端を発した問題である。『Anaplastic Large Cell Lymphoma (ALCL) in Women with Breast Implants: Preliminary FDA Findings and Analyses⁷¹⁾』によると、FDAは1985年から2010年までの32件の論文^{72)・103)}を分析した結果としてSafety Communicationを発出したと述べている。この32件は2008年の論文が9件2009年の論文が9件であり、2010年にALCLのリスクについてFDAの諮問委員会で議論されていたと想定される。また、32件の内、形成外科の雑誌の論文は5件(1997年1件、2007年2件、2008年2件。その内SBIに関連する論文は2007年のがんとの因果関係に関する論文⁷²⁾と2008年のケース・レポート⁷³⁾の2件)のみであり、ほとんどが病理学・血液学・がんの雑誌であったため、SBIを使用する形成外科医において、Safety CommunicationによってALCLに関心を持つことはなかったと思われる。

その後、世界中でPIP問題が取り上げられ、WHOが専用のwebsiteを立ち上げて情報提供するまでに至った⁴⁾。その他の国ごとの論文数は少ないものの、合計すると29件あり、PIP問題がグローバルな問題であったことが示唆された。また、その他の国では2013年に論文数が最も多いことから、イギリスに比べてretrospectiveに関心を示していることが示唆された。イギリスでは同様の対策をMHRA(イギリス医薬品・医療製品規制庁)が取るかどうか議論され、因果関係が不明であるとして経過観察を行うだけの

対策を取ることになった³⁸⁾。この状況において、イギリスの医学専門家は社会に対して「なぜ PIP 社の SBI を抜去する必要がないのか」という理由を説明する必要があったと考えられる。一方で、フランスの医学専門家はフランス政府が国費で抜去または交換することを決めたので、それに従えばよく、特に関心を示す必要はなかったと考えられる。

なお、本研究は 2015 年 5 月 1 日時点で収集した論文を元に分析しているため、PIP と ALCL の問題に対しては今後も分析を継続する必要がある。

6) SBI 事例における医学専門家の対応のまとめ

以上より、医学専門家は医療機器の入手が可能になると、臨床使用について関心が高く、安全性や有効性に関する論文が発表される。一方で、医療機器規制の変化は直接医療行為にかかわらないため関心が低い、と思われる。医療機器と疾病の因果関係については社会問題化してからエビデンス・レベルの高い疫学研究を開始し、医学的に解決に至った。

3.3 本章のまとめ

第 3 章では、SBI の社会問題に対する医学専門家の対応について、学術論文数の推移により調査した。Table 3.7 に各期の医学専門家の対応を示す。

期	医学専門家の対応
I	SBI を初めて使用する臨床現場において、安全に有効に使用するかを検証している
II	安全に有効に使用する手技の確立、特に被膜拘縮という有害事象を回避することを検証している
III	FDA によるクラス III 上げ提案による変化は認められなかった
IV	FDA によるクラス III 上げによる変化は認められなかった
V	SBI が社会問題化した後に、安全性、品質、社会の反応に対する様々な疾病との因果関係に注目し、研究が進められた
VI	PMA 承認によって乳房増大術にも使用できることとなり、美容外科分野で注ミクされるようになる
VII	ALCL に対する FDA の注意喚起では変化しなかったが、PIP と ALCL の因果関係について検証が始まった

Table 3.7 Medical Professionals' Interest in each Period

1990年代にSBIと自己免疫疾患の因果関係は疫学研究の結果により医学的に解決したものの、第2章で述べたように、2011年からSBIとALCLの因果関係について再び社会問題化しており、長期に植え込まれるインプラント医療機器の疾病との因果関係は事前に評価することが困難であり、社会問題化を避けるためには、早期に疫学研究を始めることが良いと考えられる。

第4章 インプラント機器のリスク対応に関するまとめと今後の展望

4.1 本研究の成果

4.1.1 インプラント医療機器の開発時に想定しないリスク

4.1.2 インプラント医療機器のリスクマネジメントに対する医学専門家の役割

4.1.3 インプラント医療機器のリスクマネジメントに対する行政の役割

4.1.4 インプラント医療機器のリスクマネジメントに対する製造販売業者の役割

4.2 本研究の意義

4.3 今後の展望

4.1 本研究の成果

本研究では、米国におけるSBIの社会問題の経緯について調査し、その本質がSBIを使用した後に自己免疫疾患になったという単なる前後即因果の誤謬であったことを、多様なステークホルダーの関わりを分析してまとめた。

今となってはこの問題の経緯を見ると、1977年の最初の判決を契機として、企業は疫学研究により長期データを取るように医学専門家や学会と連携すべきであったと思われる。社会問題として確認される様になったのは懲罰的損害賠償金150万ドルが決定された1984年であり、そこから多くの訴訟が起こることとなった。SBI使用の有無で自己免疫疾患の罹患率に有意差が無いという疫学研究の論文がNEJMに掲載されたのは、10年後の1994年であったが、当初はその科学的根拠を裁判で採用することはなく1995年にDow Corning社が破産し、因果関係を否定する最初の判決が出たのは1996年12月であった。

1977年の時点で疫学研究を開始していれば1984年の裁判では疫学研究による科学的根拠を示すことができたであろう。すでに、1982年にはFDAがBreast ImplantのクラスⅡからⅢへの引き上げ提案している。つまりBreast Implantというインプラント医療機器はリスクが高いと理解されていたのであるから、FDAの諮問委員会の医学専門家が疫学研究を学会で指導していれば、この社会問題が発生することは無かったと思われる。2019年にはBIA-ALCLの罹患数が高いというメタアナリシスの論文が出たため、アラガン社はSBIの回収を開始しており、米国ではBIA-ALCLのリスクに対して集団訴訟が起きているものの、原告はALCLを発症しておらず、今後どの程度の社会問題化するのか注目される¹⁰⁶⁾。

4.1.1 インプラント医療機器の開発時に想定しないリスク

医療機器は医薬品、医療機器等の品質、有効性及び安全性の確保等に関する法律に基づいて開発され、品質、有効性及び安全性について審査され、承認される。インプラントの新医療機器の場合、加速試験や短い治験期間では長期の品質、有効性及び安全性を確認することはできないため、実使用の臨床現場において未知のリスクが生じる場合がある。

例えば2001年に人工股関節のポリエチレンライナーが早期摩耗することから回収になっている¹⁰⁵⁾。その理由は「空気中でガンマ線照射滅菌処理を施したハイラマーポリエチレン製品に関して、そのほとんどが満足のいく機能を示しておりますが、製造後長期に保管した製品を埋め込んだ場合に一部早期摩耗が生じる可能性があるため、過去、患者に埋め込み済みの1765個について使用施設への通知を行い、患者を経過観察（モニタリング）致します。」と説明されている。このポリエチレンライナーは高温・高圧下で処理し結晶化度を高めることで耐摩耗特性を高めた超高分子ポリエチレンを使用しているが、非晶領域が少なくなったことにより酸化

の影響が強く出てヒビが入りやすくなった¹⁰⁶⁾。治験を含めた開発の時点では、この早期摩耗というリスクを確認することはできなかった。しかし、1996年に早期摩耗を指摘する論文がすでに出ていたにもかかわらず¹⁰⁷⁾、企業は販売を継続していた。臨床データとして不具合を指摘する論文が出ても、その時点で因果関係が分からない場合はリスクとして認識できなかったこととなる。

そこでリスクマネジメントのための関係者の行動について、以下に提言する。

4.1.2 インプラント医療機器のリスクマネジメントに対する医学専門家の役割

医療機器の不具合の原因は仕様上の問題(設計上の欠陥)、不良品(製造上の欠陥)、機器の破損、故障、動作不良、添付文書の不十分な記載(指示警告上の欠陥及び誤使用、不適切な使用)と多岐にわたり¹⁰⁸⁾、臨床現場検証が主な調査となる。一方、日本では生物由来原材料を使用する医薬品、医療機器の製造販売業者は、全世界の論文、学会発表を検索して関連する感染症の研究報告をしなければならない^{109, 110)}。生物由来製品ではない場合でも同様の研究報告制度はあるものの、主として外科学の論文調査に偏っているため、内科学や生理学の論文調査まで広範囲の学会誌を調査するには大変な労力が必要である。

SBIやポリエチレンライナーの回収事例で明らかのように、医療機器、特にインプラント医療機器の未知のリスクを早期に把握するためには、論文調査は必須である。学会誌の論文はピアレビューをされて掲載され、エビデンスレベルも高いわけであるから医学専門家は外科学だけではなく、論文で参照されている論文が掲載されている内科学、生理学、腫瘍学、血液学の雑誌も調査の対象とする必要があるだろう。その観点からすると、エビデンスレベルが低いからとケース・レポートを無視することは避けなければならない。リスクとはまだ発生していない、抽象的な概念の段階で対応するものであるから、統計的に高いエビデンスレベルになる頃には、SBIの事例のように、すでに社会問題になっている可能性がある。

そこで医学専門家や学会はプロスペクティブに疫学研究を行い、医療機器と疾病の相関関係について社会に発信することが良いと考える。この時点ではまだ因果関係の証明には至っていないので、相関関係が高い疾病については専門分野にかかわらず広く論文調査を行うと共に製造販売業者や医療機器業界団体と因果関係の可否について共同で研究を始めることが望まれる。

4.1.3 インプラント医療機器のリスクマネジメントに対する行政の役割

SBIの事例分析からも、疫学研究の結果が社会問題に対する解決策として有用であるものの、問題が生じてから調査を始めるのでは、裁判に対して遅きに失することも明らかである。

日米ではPMA制度があり、以前より新医療機器に対して承認条件を付与している。特に本邦で初承認の新規インプラント医療機器の場合は、全例使用成績調査／評価の条件を付与する場合がある¹¹³⁾。また、承認条件だけではなく、FDAはRWE(Real world Evidence)という、市販後安全や有害事象のモニタリング制度を2016年より始めている¹¹⁴⁾。

使用成績調査／評価が製造販売業者に対して要求されるのに対して、RWEには学会等がプロスペクティブに患者レジストリを進めることが含まれている。そのデータを行政の意思決定に活用するというものである。

このように、行政が疫学研究のように患者レジストリを求めることは、学会や製造販売業者が想定していなかったリスクをより早く検出するために有効であると思われる。さらに行政は全ての製造販売業者からの副作用や不具合報告を受けており、統計的に分析することが可能である。特に日本では、行政外の研究者が分析を行うには開示請求という手続きを経なければデータを入手できず、行政の分析次第によってリスク評価の可否が決まる状況である。行政自体が分析を行うか、回収情報と同様に入手情報をホームページ等に常態として開示するかの対応が望まれる。

4.1.4 インプラント医療機器のリスクマネジメントに対する製造販売業者の役割

医療機器のリスクマネジメントをする主体は製造販売業者であるが、想定していないリスクを感知するためには市販後安全活動が必要である。日本における2018年度の医療機器の回収は209件であった。その不具合の内、製造業者／製造販売業者が発見したものが161件(39%)、医療機関や販売業者など外部組織が発見したものが244件(60%)、記載なしが4件(1%)であった¹¹⁵⁾。設計バリデーション不足や工程中検査、出荷前検査では発見できなかった不具合が他者により指摘されたわけであり、新たなハザードが発見されたということである。リスクは必ず具現化するわけではないから、自社製品だけに限らず、他社の回収理由についても分析して、リスクマネジメントにおける市販後情報として、開発部門へフィードバックしなければならない。さらに行政や学会などからの情報収集・分析はより良い製品の開発だけではなく、社会問題化というリスクを回避するために重要である。

ISO 14971の要求事項にもあるように、そのための力量ある人材を確保する責任は経営者にある。各企業の経営者は会社の存続のリスクを低減するためにも市販後安全活動に力を入れることが望まれる。

4.2 本研究の意義

本研究は SBI の社会問題の分析から、インプラント医療機器のリスク対応における製造販売業者、医学専門家、行政の役割に関する課題と対応策について分析したものである。

長期使用であるインプラント医療機器のリスクを短期の開発期間で想定することはできず、そのリスクマネジメントは深慮遠謀が必要となる、製造販売業者にとって重要な市販後監視活動の一つである。SBI の事例から明らかなように、特にインプラント医療機器の社会問題の認識が低い一方、会社が倒産するほど影響が大きい問題である。問題解決に有用な疫学研究などのエビデンスレベルの高い科学的根拠が出るには時間がかかるため、それまでの期間中、非医学専門家は非科学的な前後即因果関係を用いることとなる。この一連の社会問題化のプロセスを理解することにより、インプラント医療機器の関係者は対応策と役割を確認することができた。つまり、製造販売業者が社会問題のリスクを早期に認識するためには、エビデンスレベルにかかわらず論文調査を行い、他社の回収情報を分析する必要がある。医学専門家の学会は、プロスペクティブに疫学研究を行い、社会問題が発生したならば、エビデンスレベルの高い科学的根拠を示す必要がある。そして行政は、RWE によるデータ収集と分析を行う必要がある。これらの行為によってインプラント医療機器のリスクマネジメントはより社会に受け入れられる製品開発に寄与することが期待される。

4.3 今後の展望

わが国では 1950 年代後半から『スモン事件』と呼ばれる薬害が社会問題となっている。スモン事件とは、第二次世界大戦以前からある古い薬であり、世界的に使用されていたキノホルムが原因で、わが国で特に多くの薬害被害者が発生した副作用事件である¹¹²⁾。なぜ昔から使っていた薬が急に副作用で問題になったのか、なぜわが国でだけに多くの被害者が発生したのかという、医療習慣や医薬品の使用方法が絡んだ副作用事件であり、米国における SBI の社会問題と同様に、当初は因果関係が分からず、原因が特定できたのは 1970 年になってからのことである。スモン事件では因果関係の科学的証拠が示され、1971 年から国や製薬会社を被告にした裁判が始まったが、米国の SBI の事例では国の違いもあり、原因が特定されないまま前後即因果の誤謬による裁判が先行している。どちらの場合も使用を始めた当初はリスクが認識されなかったわけである。

SBI は、乳がん患者の乳房再建術と美容を目的とする乳房増大術という全く異なった使用目的を有している。1992 年 1 月 6 日からの使用停止においても、乳房再建術に対しては供給が続けられており、ベネフィットとリスクのバランスは使用目的によって異なることが分かる。ISO 14971 においても意図する使用目的からリスク管理は始まり、治療と美容というベネフィットとリスクのバランスが異なる使用目的に対して同一の承認が与えられることに違和感があると考えられ、行政による制度設計について考え直す機会になると

期待している。

インプラント医療機器以外にも治療機器の社会問題として、最近では2014年の米国における電動モルセレータ¹¹⁷⁾や2015年の米国における十二指腸鏡¹¹⁶⁾が挙げられる。どちらのケースでも、FDAのSafety communicationが発出された後に学会が関心を示し、発表論文数が増えるという、SBIと同様のレトロスペクティブな対応となっている。開発時に想定しないリスクはインプラント医療機器に限らず、あらゆる医療機器に共通の問題であると思われる。

本研究はインプラント医療機器の社会問題のみを検討したものであり、今後以下の研究を行うことが必要であると考えられる。

- ① 他の医療機器の社会問題について、SBIと同じ手法を用いた研究
- ② 医療機器の社会問題について、より有用な研究手法の研究
- ③ 医療機器の社会問題に対するより効果的な対応策の研究
- ④ 医療機器の社会問題化を回避するための取り組みの研究

近年はTeam STEPPS (Team Strategies and Tools to Enhance Performance and Patient Safety: Team STEPPS)という、医療のパフォーマンスと患者安全を高めるためにチームで取り組む戦略と方法によって、良好なチームワークを確立し、医療行為全般のパフォーマンス(医療行為の経過から結果までの全過程の行い方)と患者の安全性を高めるために、米国において国防総省や航空業界などの事故対策実績を元に作成されたチーム戦略が、日本の医療期間でも広がっている¹¹⁷⁾。このような取り組みも、医療機器のリスクが社会問題化するというリスクを回避するための対応策になるかも知れない。リスクマネジメントとは、製造販売業者だけではなく、患者を含めた全ての医療関係者が主体となって取り組むべきシステムであると考えられる。

引用論文

- 1) 内閣官房(健康・医療戦略室)・文部科学省・厚生労働省・経済産業省. 医療機器の部材供給に関するガイドブック(改訂版). 2017年1月.
- 2) WHO. Global Alert and Response (GAR), Silicone implants. Available at: <http://www.silimed.com.br/>. Accessed January 27, 2020.
- 3) 日本乳房オンコプラスチックサージャリー学会, 日本形成外科学会, 日本乳癌学会, 日本美容外科学会. 乳房インプラント関連未分化大細胞型リンパ腫(BIA-ALCL)についてよくあるご質問. 2019年10月1日.
- 4) 医薬品医療機器総合機構. 医療機器回収の概要(クラスII). 2019年7月25日. Available at: <https://www.info.pmda.go.jp/rgo/MainServlet?recallno=2-8974>. Accessed January 27, 2020.
- 5) U.S. Food and Drug Administration. FDA takes action to protect patients from risk of certain textured breast implants; requests Allergan voluntarily recall certain breast implants and tissue expanders from market. Available at: <https://www.fda.gov/news-events/press-announcements/fda-takes-action-protect-patients-risk-certain-textured-breast-implants-requests-allergan>. Accessed February 5, 2020.
- 6) Coroneos CJ1, Selber JC, Offodile AC 2nd, Butler CE, Clemens MW. US FDA Breast Implant Postapproval Studies: Long-term Outcomes in 99,993 Patients. *Ann Surg*. 2019 Jan;269(1):30-36.
- 7) 厚生労働省医薬食品局医療機器審査管理室. 審議結果報告書. 2012年8月29日 Available at: http://www.info.pmda.go.jp/nmdevices/M201200028/111932000_22400BZX00354000_A100_1.pdf. Accessed December 30, 2015.
- 8) 第55回日本形成外科学会総会・学術集会プログラム. Available at: <http://jsprs55.umin.jp/08-pro.html>. Accessed January 12, 2016.
- 9) 第58回日本形成外科学会総会・学術集会プログラム. Available at: <http://www.congre.co.jp/58keisei/prog.html>. Accessed January 12, 2016.
- 10) Available at: <http://www.allergan.jp/products/products02.htm>. Accessed January 12, 2016.
- 11) ナトレル® ブレスト・インプラント添付文書 2014年7月29日改訂(第2版).
- 12) ナトレル® 410 ブレスト・インプラント添付文書 2013年10月18日作成(第1

版).

- 13) Available at: <http://www.mentorwllc.com/global-us/>. Accessed January 12, 2016.
- 14) Available at: <http://www.allergan.com/home>. Accessed January 12, 2016.
- 15) Available at: <http://www.idealimplant.com/>. Accessed January 12, 2016.
- 16) Available at: <http://sientra.com/>. Accessed January 12, 2016.
- 17) Available at: <http://www.silimed.com.br/>. Accessed January 12, 2016.
- 18) Available at: <http://www.laboratoires-arion.fr/index.php/en>. Accessed January 12, 2016.
- 19) Available at: <http://www.sebbin.com/en/>. Accessed January 12, 2016.
- 20) Available at: <http://www.cereplas.com/fr/index.html>. Accessed January 12, 2016.
- 21) Available at: <http://eurosilicone.com/>. Accessed January 12, 2016.
- 22) Available at: <http://www.gcaesthetics.com/>. Accessed January 12, 2016.
- 23) Available at: <http://nagor.com/>. Accessed January 12, 2016.
- 24) Available at: <http://www.polytech-health-aesthetics.com/index.php>. Accessed January 12, 2016.
- 25) Available at: <http://motivaimplants.com/>. Accessed January 12, 2016.
- 26) Available at: <http://en.gzwanhe.com/english/index.htm>. Accessed January 12, 2016.
- 27) Available at: <http://www.hansbiomed.com/eng/>. Accessed January 12, 2016.
- 28) 外務省. 国・地域. Available at: <http://www.mofa.go.jp/mofaj/area/index.html>. Accessed January 12, 2016.
- 29) 薬事法第 41 条第 3 項に基づき厚生労働大臣が定める医療機器の基準. 厚生労働省告示第 122 号. 2005 年 3 月 29 日
- 30) 薬事法第 41 条第 3 項の規定により厚生労働大臣が定める医療機器の基準の一部を改正する件. 厚生労働省告示第 403 号. 2014 年 11 月 05 日
- 31) 「薬事法第 41 条第 3 項の規定により厚生労働大臣が定める医療機器の基準 (2005 年厚生労働省告示第 122 号)」の基本的考え方. 2010 年 3 月 3 日. Available at: <http://www.std.pmda.go.jp/stdDB/Data/InfData/Infetc/EssentialPrinciples.pdf>. Accessed January 12, 2016.

- 32) Global Harmonization Task Force. GHTF/SG1/N68:2012 Essential Principles of Safety and Performance of Medical Devices.
- 33) U.S. Food and Drug Administration. Guidance for Industry and FDA Staff - Saline, Silicone Gel, and Alternative Breast Implants. Available at:
<http://www.fda.gov/downloads/MedicalDevices/DeviceRegulationandGuidance/GuidanceDocuments/ucm071233.pdf>. Accessed January 12, 2016.
- 34) U.S. Food and Drug Administration. Allergan Natrelle. Available at:
<http://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/ImplantsandProsthetics/BreastImplants/ucm337824.htm>. Accessed January 12, 2016.
- 35) U.S. Food and Drug Administration. Medical Device Tracking - Guidance for Industry and Food and Drug Administration Staff. Available at:
<http://www.fda.gov/MedicalDevices/DeviceRegulationandGuidance/GuidanceDocuments/ucm071756.htm>. Accessed January 12, 2016.
- 36) U.S. Food and Drug Administration. Regulatory History of Breast Implants in the U.S. September 25, 2013. Available at:
<http://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/ImplantsandProsthetics/BreastImplants/ucm064461.htm>. Accessed September 20, 2015.
- 37) Bernstein DE. The breast implant fiasco. California Law Rev. 1999;87(2):457-510.
- 38) UK Department of Health. Poly Implant Prothèse (PIP) silicone breast implants. Available at:
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/216537/dh_134043.pdf. Accessed January 12, 2015.
- 39) U.S. Food and Drug Administration. FDA Breast Implant Consumer Handbook. August 20, 2013. Available at:
<http://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/ImplantsandProsthetics/BreastImplants/ucm064242.htm>. Accessed January 26, 2015.
- 40) Cronin, T. D., and Gerow, F. J. Augmentation mammoplasty: a new "natural feel" prosthesis. Transactions of the Third International Congress of Plastic Surgery. Excerpt. Med. Intt. Cog. 1963;66:41
- 41) Spurgeon D. The Mème implant creates a scientific storm. CMAJ.

- 1991;145(1):54-60.
- 42) Kessler DA. The Basis of the FDA's Decision on Breast Implants. *N Engl J Med.* 1992 Jun 18;326(25):1713-5.
 - 43) Gabriel SE, O'Fallon WM, Kurland LT, et al. Risk of connective-tissue diseases and other disorders after breast implantation. *N Engl J Med.* 1994;330(24):1697-1702.
 - 44) Marcia Angell. *Science on Trial: The Clash of Medical Evidence and the Law in the Breast Implant Case.* New York: WW Norton & Company; 1997
 - 45) National Science Panel. *Silicone Breast Implants in Relation to Connective Tissue Diseases and Immunologic Dysfunction.* December 15, 1998. Available at:
<http://www.fjc.gov/BREIMLIT/SCIENCE/report.htm>. Accessed December 30, 2015.
 - 46) Tugwell P, Wells G, Peterson J, Welch V, Page J, Davison C, et al. Do silicone breast implants cause rheumatologic disorders? A systematic review for a court-appointed national science panel. *Arthritis Rheum.* 2001;44(11):2477-84.
 - 47) David Kessler. *A Question of Intent.* New York: PublicAffairs; 2001
 - 48) André Colas, Jim Curtis. *Silicone Biomaterials: History and Chemistry & Medical Applications of Silicones;* Dow Corning Corporation ;2005
 - 49) Schleiter KE. Silicone breast implant litigation. *Virtual Mentor.* 2010;12(5):389-94.
 - 50) Ken Dembny. *History Of Silicone Gel Breast Implants .* Available at:
<http://www.mybreastaugmentation.info/breast-augmentation-201/history-of-silicone-gel-breast-implants/>. Accessed December 30, 2015.
 - 51) Karen Abrams. *The Silicone Gel-Filled Breast Implant Controversy: Testing the Bounds of Regulatory Intervention.* Available at:
<https://dash.harvard.edu/handle/1/8965609>. Accessed December 30, 2015.
 - 52) PBS. *Breast implants on trial: chronology of silicone breast implants.* www.pbs.org/wgbh/pages/frontline/implants/cron.html. Accessed December 30, 2015.
 - 53) UK Department of Health. *Reviews to ensure safety of people seeking cosmetic treatments.* Available at:
<http://webarchive.nationalarchives.gov.uk/20141205150130/http://mediacentre.dh.gov.uk/2012/01/11/reviews-to-ensure-safety-of-people-seeking>

ing-cosmetic-treatments/. Accessed January 12, 2016.

- 54) Fran Hawthorne. *INSIDE The FDA*. New Jersey: Wiley & Sons, Ins.,; 2005
- 55) Public Citizen Homepage. Available at: <https://www.citizen.org/Page.aspx?pid=183>. Accessed December 30, 2015.
- 56) Stephen Senn. *Dicing with Death: Chance, Risk and Health*. Cambridge: Cambridge University Press; 2003
- 57) 塩谷 信幸:美容外科の真実, 講談社, 東京, 2000
- 58) Yoshida K. Post mammoplasty disorder as an adjuvant disease of man. *Shikoku Acta Med* 1973; 29: 318-32.
- 59) Kumagai Y, Abe C, Shiokawa Y. Scleroderma after cosmetic surgery: four cases of human adjuvant disease. *Arthritis Rheum*. 1979;22(5):532-7.
- 60) Kaiser W, Biesenbach G, Stuby U, Grafinger P, Zazgornik J. Human adjuvant disease: remission of silicone induced autoimmune disease after explanation of breast augmentation. *Ann Rheum Dis*. 1990 Nov;49(11):937-8.
- 61) Perkins LL, Clark BD, Klein PJ, Cook RR. A meta-analysis of breast implants and connective tissue disease. *Ann Plast Surg* 1995;35:561-70.
- 62) Wong O. A critical assessment of the relationship between silicone breast implants and connective tissue diseases. *Regul Toxicol Pharmacol* 1996;23:74-85.
- 63) Hochberg MC, Perlmutter DL. The association of augmentation mammoplasty with connective tissue disease, including systematic sclerosis (scleroderma): a meta-analysis. *Curr Top Microbiol Immunol* 1996;210:411-7.
- 64) Janowsky EC, Kupper LL, Hulka BS. Meta-analyses of the relation between silicone breast implants and the risk of connective-tissue diseases. *N Engl J Med*. 2000;342(11):781-90.
- 65) ISO 14971: 2019 Medical devices -- Application of risk management to medical devices
- 66) Institute of Medicine. *Safety of Silicone Breast Implants*, June 1, 1999. Available at: <http://iom.nationalacademies.org/Reports/1999/Safety-of-Silicone-Breast-Implants.aspx>. Accessed September 20, 2015.

- 67) 松田純. 豊胸用シリコン・スキャンダルに揺れる欧州医療機器規制. 人文論集. 2013;63(2):A1-11
- 68) 厚生労働省医薬食品局監視指導・麻薬対策課. Poly Implant Prothese (PIP) 者の豊胸用シリコンバッグに係る情報提供について. 事務連絡. 2011年12月27日.
- 69) U.S. Food and Drug Administration. Reports of Anaplastic Large Cell Lymphoma (ALCL) in Women with Breast Implants: FDA Safety Communication. January 26, 2011. Available at: <http://www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm240000.htm>. Accessed September 20, 2015.
- 70) UK Department of Health. Poly Implant Prothèse (PIP) silicone breast implants. Available at: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/216537/dh_134043.pdf. Accessed January 12, 2015.
- 71) U.S. Food and Drug Administration. Anaplastic Large Cell Lymphoma (ALCL) In Women with Breast Implants: Preliminary FDA Findings and Analyses. January 11, 2011. Available at: January 26, 2011. Available at: <http://www.fda.gov/medicaldevices/productsandmedicalprocedures/implantsandprosthetics/breastimplants/ucm239996.htm>. Accessed September 20, 2015.
- 72) Brinton LA. The relationship of silicone breast implants and cancer at other sites. *Plast Reconstr Surg.* 2007 Dec;120(7 Suppl 1):94S-102S.
- 73) Newman MK, Zimmel NJ, Bandak AZ, Kaplan BJ. Primary breast lymphoma in a patient with silicone breast implants: a case report and review of the literature. *J Plast Reconstr Aesthet Surg.* 2008 Jul;61(7):822-5.
- 74) Keech JA Jr, Creech BJ. Anaplastic T-cell lymphoma in proximity to a saline-filled breast implant. *Plast Reconstr Surg.* 1997 Aug;100(2):554-5.
- 75) Lipworth L, Tarone RE, McLaughlin JK. Breast implants and lymphoma risk: a review of the epidemiologic evidence through 2008. *Plast Reconstr Surg.* 2009 Mar;123(3):790-3.
- 76) Olack B, Gupta R, Brooks GS. Anaplastic large cell lymphoma arising in a saline breast implant capsule after tissue expander breast reconstruction. *Ann Plast Surg.* 2007 Jul;59(1):56-7.

- 77) Alobeid B, Sevilla DW, El-Tamer MB, Murty VV, Savage DG, Bhagat G. Aggressive presentation of breast implant-associated ALK-1 negative anaplastic large cell lymphoma with bilateral axillary lymph node involvement. *Leuk Lymphoma*. 2009 May;50(5):831-3.
- 78) Altekruse SF, Kosary CL, Krapcho M, Neyman N, Aminou R, Waldron W, Ruhl J, Howlander N, Tatalovich Z, Cho H, Mariotto A, Eisner MP, Lewis DR, Cronin K, Chen HS, Feuer EJ, Stinchcomb DG, Edwards BK (eds). SEER Cancer Statistics Review, 1975-2007, National Cancer Institute. Bethesda, MD, http://seer.cancer.gov/csr/1975_2007/, Table 19.28 , based on November 2009 SEER data submission, posted to the SEER web site, 2010.
- 79) Bishara MR, Ross C, Sur M. Primary anaplastic large cell lymphoma of the breast arising in reconstruction mammoplasty capsule of saline filled breast implant after radical mastectomy for breast cancer: an unusual case presentation. *Diagn Pathol*. 2009 Apr 2;4:11.
- 80) Brody GS, Deapen D, Gill P, Epstein A, Martin S, Elatra W. T cell non-Hodgkin's anaplastic lymphoma associated with one style of breast implants. San Antonio, Texas: American Society of Plastic Surgeons Annual Conference, March 20-23, 2010. Scientific Session IX: Breast B, Oral communication and abstract 42.
- 81) de Jong D, Vasmel WL, de Boer JP, Verhave G, Barbé E, Casparie MK, van Leeuwen FE. Anaplastic large-cell lymphoma in women with breast implants. *JAMA*. 2008 Nov 5;300(17):2030-5.
- 82) De Peralta-Venturina M, Miranda RN, Medeiros LJ, Gualco G, Bacchi CE, Amin M. Anaplastic large cell lymphoma arising in association with breast implants and mimicking recurrent breast carcinoma: A report of five cases. *Lab Invest*. 2009;89:153 (37A).
- 83) Domchek SM, Hecht JL, Fleming MD, Pinkus GS, Canellos GP. Lymphomas of the breast: primary and secondary involvement. *Cancer*. 2002 Jan 1;94(1):6-13.
- 84) Evens A, Chiu B. The challenges of epidemiologic research in non-hodgkin Lymphoma. *JAMA*. 2008;300(17):2059-2061.
- 85) Farkash EA, Ferry JA, Harris NL, Hochberg EP, Takvorian RW, Zuckerman DS, Sohani AR. Rare lymphoid malignancies of the breast: a report of two cases illustrating potential diagnostic pitfalls. *J Hematop*. 2009 Aug 20;2(4):237-44.

- 86) Fritzsche FR, Pahl S, Petersen I, Burkhardt M, Dankof A, Dietel M, Kristiansen G. Anaplastic large-cell non-Hodgkin's lymphoma of the breast in periprosthetic localisation 32 years after treatment for primary breast cancer--a case report. *Virchows Arch.* 2006 Nov;449(5):561-4.
- 87) Ganjoo K, Advani R, Mariappan MR, McMillan A, Horning S. Non-Hodgkin lymphoma of the breast. *Cancer.* 2007 Jul 1;110(1):25-30.
- 88) Gaudet G, Friedberg JW, Weng A, Pinkus GS, Freedman AS. Breast lymphoma associated with breast implants: two case-reports and a review of the literature. *Leuk Lymphoma.* 2002 Jan;43(1):115-9.
- 89) Gualco G, Bacchi CE. B-cell and T-cell lymphomas of the breast: clinical--pathological features of 53 cases. *Int J Surg Pathol.* 2008 Oct;16(4):407-13.
- 90) Gualco G, Chioato L, Harrington WJ Jr, Weiss LM, Bacchi CE. Primary and secondary T-cell lymphomas of the breast: clinico-pathologic features of 11 cases. *Appl Immunohistochem Mol Morphol.* 2009 Jul;17(4):301-6.
- 91) Jaffe ES. Anaplastic large cell lymphoma: the shifting sands of diagnostic hematopathology. *Mod Pathol.* 2001 Mar;14(3):219-28.
- 92) Jeanneret-Sozzi W, Taghian A, Epelbaum R, Poortmans P, Zwahlen D, Amsler B, Villette S, Belkacémi Y, Nguyen T, Scalliet P, Maingon P, Gutiérrez C, Gastelblum P, Krengli M, Raad RA, Ozsahin M, Mirimanoff RO. Primary breast lymphoma: patient profile, outcome and prognostic factors. A multicentre Rare Cancer Network study. *BMC Cancer.* 2008 Apr 1;8:86.
- 93) Li S, Lee AK. Silicone implant and primary breast ALK1-negative anaplastic large cell lymphoma, fact or fiction?. *Int J Clin Exp Pathol.* 2009 Oct 15;3(1):117-27.
- 94) Medeiros LJ, Elenitoba-Johnson KS. Anaplastic large cell lymphoma. *Am J Clin Pathol.* 2007 May;127(5):707-22.
- 95) Miranda RN, Lin L, Talwalkar SS, Manning JT, Medeiros LJ. Anaplastic large cell lymphoma involving the breast: a clinicopathologic study of 6 cases and review of the literature. *Arch Pathol Lab Med.* 2009 Sep;133(9):1383-90.
- 96) Mora P, Melo AC, Amorim GLS, Scheliga AA. Primary T-cell Anaplastic Lymphoma Associated to a Breast Implant: Case Report. *Haematologica* 2009;94:658-9 (1723).

- 97) Popplewell L, Chang K, Olevsky O, Nademanee A, Forman S. Primary anaplastic large cell lymphoma of the breast occurring in patients with silicone breast implants. *Blood* 2004;104(11):4563.
- 98) Roden AC, Macon WR, Keeney GL, Myers JL, Feldman AL, Dogan A. Seroma-associated primary anaplastic large-cell lymphoma adjacent to breast implants: an indolent T-cell lymphoproliferative disorder. *Mod Pathol*. 2008 Apr;21(4):455-63.
- 99) Sahoo S, Rosen PP, Feddersen RM, Viswanatha DS, Clark DA, Chadburn A. Anaplastic large cell lymphoma arising in a silicone breast implant capsule: a case report and review of the literature. *Arch Pathol Lab Med*. 2003 Mar;127(3):e115-8.
- 100) Savage KJ, Harris NL, Vose JM, Ullrich F, Jaffe ES, Connors JM, Rimsza L, Pileri SA, Chhanabhai M, Gascoyne RD, Armitage JO, Weisenburger DD; International Peripheral T-Cell Lymphoma Project. ALK- anaplastic large-cell lymphoma is clinically and immunophenotypically different from both ALK+ ALCL and peripheral T-cell lymphoma, not otherwise specified: report from the International Peripheral T-Cell Lymphoma Project. *Blood*. 2008 Jun 15;111(12):5496-504.
- 101) Stein H, Mason DY, Gerdes J, O'Connor N, Wainscoat J, Pallesen G, Gatter K, Falini B, Delsol G, Lemke H, et al. The expression of the Hodgkin's disease associated antigen Ki-1 in reactive and neoplastic lymphoid tissue: evidence that Reed-Sternberg cells and histiocytic malignancies are derived from activated lymphoid cells. *Blood* 1985 Oct;66:848-858.
- 102) Thompson PA, Lade S, Webster H, Ryan G, Prince HM. Effusion-associated anaplastic large cell lymphoma of the breast: time for it to be defined as a distinct clinico-pathological entity. *Haematologica*. 2010 Nov;95(11):1977-9.
- 103) Wong AK, Lopategui J, Clancy S, Kulber D, Bose S. Anaplastic large cell lymphoma associated with a breast implant capsule: a case report and review of the literature. *Am J Surg Pathol*. 2008 Aug;32(8):1265-8.
- 104) Julia Naftulin. Two women have filed a class-action lawsuit against a major breast implant maker after hundreds of Americans developed a rare cancer linked to implants. Available at: <https://www.insider.com/allergan-breast-implants-biocell-linked-cancer-2019-8> . Accessed January 30, 2020.

- 105)医薬品医療機器総合機構．医療機器回収の概要（クラスII）．2019年7月25日． Available at:
<https://www.mhlw.go.jp/topics/bukyoku/iyaku/kaisyu/01-2-265.html>.
Accessed January 27, 2020.
- 106)馬渡正明.: 人工股関節置換術における摩耗の予防. Clin Rheumatol, 150
18: 150-157, 2006.
- 107)Chmell,M.J.,Poss,R.,Thomas,W.H.,et al.:Early failure of Hylamer
acetabular inserts due to eccentric wear. J.Arthroplasty,
11:351-353,1996.
- 108)厚生労働省医薬食品局．医薬品等の副作用等の報告について．薬食発 1002
第 20 号．2014 年 10 月 2 日．
- 109)厚生労働省医薬・生活衛生局．生物由来製品の感染症定期報告に係る調査
内容及び記載方法について．医薬安発第 0618001 号．2003 年 6 月 18 日．
- 110)再生医療等製品及び生物由来製品に関する感染症定期報告制度について．薬
生発 0 4 2 8 第 1 号．2017 年 4 月 2 8 日
- 111)厚生労働省医薬・生活衛生局．医療機器及び体外診断用医薬品の製造販売
承認に係る使用成績評価の取扱いについて．薬食機参発 1121 第 44 号．平成 2
6 年 11 月 21 日
- 112)The Food and Drug Administration. Real-World Evidence. Available at:
<https://www.fda.gov/science-research/science-and-research-special-topics/real-world-evidence>. Accessed January 30, 2020.
- 113)Available at:
<https://www.pmda.go.jp/safety/info-services/devices/0054.html>.
Accessed January 30, 2020.
- 114)土井脩．薬事温故知新第 80 回スモン事件．医薬品医療機器レギュラトリーサイ
エンス. 2016;47(8):598-599
- 115)U.S. Food and Drug Administration. Laparoscopic Uterine Power
Morcellation in Hysterectomy and Myomectomy: FDA Safety
Communication. April 17, 2014. Available at:
<http://www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm393576.htm>. Accessed September 20, 2015.
- 116)U.S. Food and Drug Administration. Supplemental Measures to
Enhance Duodenoscope Reprocessing: FDA Safety Communication.
August 4, 2015. Available at:
<http://www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm454766.htm>. Accessed September 20, 2015.

117)東京慈恵会医科大学附属病院(本院).医療安全の推進に向けて. Available at: <http://www.jikei.ac.jp/hospital/honin/teamstepps.html>. Accessed January 30, 2020

付録

Silicone Breast Implant 論文一覧

MEDLINE (PubMed-NCBI) データベースから 2015 年 5 月 1 日時点でキーワード「silicone breast implant」を用いて検索した 1963～2014 年の 2,826 件について、安全性、有効性、品質、社会性、第一著者の国掲載雑誌カテゴリーによって分類した。

別表 1963～2014年間のSilicone Breast Implantに関する論文一覧

年	安全性	有効性	品質	社会性	論文タイトル	第一著者の国	著者	掲載雑誌 カテゴリー	掲載雑誌
1963	---	---	Material	---	TEFLON-SILICONE BREAST IMPLANTS.	USA	EDWARDS BF.	Surgery	Plast Reconstr Surg. 1963 Nov;32:519-26.
1963	---	Technique	---	---	EXPERIENCES WITH THE NEWER SUBCUTANEOUS IMPLANT MATERIALS.	UK	DEMERGIAN V.	Surgery	Surg Clin North Am. 1963 Oct;43:1313-21.
1964	Complication	---	---	---	TISSUE REACTIONS TO INJECTED SILICONE LIQUIDS. A REPORT OF THREE CASES.	USA	WINER LH, et al.	Medicine	Arch Dermatol. 1964 Dec;90:588-93.
1965	---	Technique	---	---	Breast trauma--surgical and psychic. Its repair and prevention.	Canada	Pangman WJ 2nd.	Surgery	J Int Coll Surg. 1965 Nov;44(5):515-22.
1966	---	Technique	---	---	Abreast of the times.	?	[No authors listed]	Medicine	JAMA. 1966 Mar 7;195(10):863.
1966	---	Technique	---	---	The hypoplastic and ptotic breast: a combined operation with prosthetic augmentation.	USA	Regnault P.	Surgery	Plast Reconstr Surg. 1966 Jan;37(1):31-7.
1967	---	Treatment	---	---	[Hypomastia and its surgical treatment].	Brazil	Pitanguy I, Franco T.	Medicine	Hospital (Rio J). 1967 Nov;72(5):1317-34.
1967	---	Technique	---	---	[Breast enlargement using silastic implantations].	Netherlands	Huffstadt AJ.	Medicine	Ned Tijdschr Geneesk. 1967 Mar 4;111(9):394-6.
1967	---	Technique	---	---	Reconstructive surgery of the breast.	South Africa	De Saxe BM.	Medicine	S Afr Med J. 1967 Sep 9;41(34):842-7.
1967	---	---	Material	---	The use of silicone implants in plastic surgery.	USA	Ohlwiler DA.	Nursing	Nurs Clin North Am. 1967 Sep;2(3):495-501.
1967	---	Technique	---	---	Modern mammoplasty.	USA	Clarkson P, Jeffs J.	Surgery	Br J Plast Surg. 1967 Jul;20(3):297-310.
1967	---	Technique	---	---	The present status of silicone fluid in soft tissue augmentation.	USA	Ashley FL, Braley S, et al.	Surgery	Plast Reconstr Surg. 1967 Apr;39(4):411-20.
1967	---	Technique	---	---	Augmentation mammoplasty.	USA	Broadbent TR, Woolf RM.	Surgery	Plast Reconstr Surg. 1967 Dec;40(6):517-23.
1968	Complication	---	---	---	Silicone mastitis in "topless" waitresses and some other varieties of foreign-body mastitis.	UK	Symmers WS.	Medicine	Br Med J. 1968 Jul 6;3(5609):19-22.
1968	---	Technique	---	---	Some considerations on the use of silicones as mammary prostheses.	Italy	Minervini F, Marino B.	Medicine	J Med Liban. 1968 Jan-Feb;21(1):19-26.
1968	---	Technique	---	---	Subpectoral implants in augmentation mammoplasty. Preliminary report.	Australia	Dempsey WC, Latham WD.	Surgery	Plast Reconstr Surg. 1968 Dec;42(6):515-21.
1969	---	Technique	---	---	Breast tumors treated by mastectomy (subcutaneous) with mammary replacement.	USA	Berens JJ, Stapley LA.	Medicine	Ariz Med. 1969 Aug;26(8):651-7.
1969	---	Technique	---	---	Augmentation mammoplasty.	USA	Glanz S.	Medicine	GP. 1969 Sep;40(3):116-22.
1969	---	Technique	---	---	Breast reconstruction after resection for cancer. Indications and technique.	USA	Perel L.	Medicine	Panminerva Med. 1969 Apr;11(4):144-54.
1969	---	Technique	---	---	Experiences with Arion's simplast inflatable prosthesis.	USA	Wilson CA.	Medicine	South Med J. 1969 Sep;62(9):1107-10.
1969	---	Technique	---	---	[Therapy of mammahypoplasia].	Germany	Muggenthaler H.	Medicine	Z Allgemeinmed. 1969 Jul;45(19):916-7.
1969	---	Technique	---	---	Technique of subcutaneous mastectomy with replacement; immediate and delayed.	USA	Freeman BS.	Surgery	Br J Plast Surg. 1969 Apr;22(2):161-6.
1969	Complication	---	---	---	An unusual complication of the use of the Cronin implant for augmentation	USA	Goldwyn RM.	Surgery	Br J Plast Surg. 1969 Apr;22(2):167-8.

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					mammoplasty.				
1969	---	Technique	---	---	Some aspects of plastic (cosmetic) surgery in orientals.	?	Boo-Chai K.	Surgery	Br J Plast Surg. 1969 Jan;22(1):60-9.
1969	---	Technique	---	---	The Cronin implant in the treatment of combined chest wall and breast deformities.	USA	Krause JL Jr, Crikelair GF, Cosman B.	Surgery	Plast Reconstr Surg. 1969 Dec;44(6):536-40.
1969	---	Technique	---	---	Breast cancer after prophylactic subcutaneous mastectomies and reconstruction with silastic prostheses.	USA	Bowers DG Jr, Radlauer CB.	Surgery	Plast Reconstr Surg. 1969 Dec;44(6):541-4.
1969	Complication	---	---	---	Silastic breast implants: coping with complications.	USA	Johnson HA.	Surgery	Plast Reconstr Surg. 1969 Dec;44(6):588-91.
1969	---	Technique	---	---	Augmentation mammoplasty with Simaplast implant.	Iran	Tabari K.	Surgery	Plast Reconstr Surg. 1969 Nov;44(5):468-70.
1969	---	Technique	---	---	Breast reconstruction.	USA	Snyderman RK, Starzynski TE.	Surgery	Surg Clin North Am. 1969 Apr;49(2):303-11.
1970	---	Technique	---	---	[Hypomastia. Surgical correction].	Brazil	Serson Neto D, Martins L.	Medicine	AMB Rev Assoc Med Bras. 1970 Mar;16(3):83-8.
1970	---	Technique	---	---	Assessment of biological properties of implants before their clinical use.	UK	Calnan JS.	Medicine	Proc R Soc Med. 1970 Nov;63(11 Part 1):1115-8.
1970	---	Technique	---	---	Our experiences with the silastic gel breast prosthesis.	USA	Cronin TD, Greenberg RL.	Surgery	Plast Reconstr Surg. 1970 Jul;46(1):1-7.
1970	---	Technique	---	---	Pectus excavatum: use of preformed prosthesis for correction in the adult. Case report.	USA	Masson JK, Payne WS, Gonzalez JB.	Surgery	Plast Reconstr Surg. 1970 Oct;46(4):399-402.
1971	---	Technique	---	---	Treatment of asymmetry of the breasts.	USA	Grant DA.	Medicine	South Med J. 1971 Sep;64(9):1097-105.
1971	---	Technique	---	---	[Tolerance to synthetic material in plastic surgery].	Belgium	Lejour M, Matton G.	Surgery	Acta Chir Belg. 1971 Mar;70(3):245-83.
1971	---	Technique	---	---	[Personal experience and critical study of mammary prosthesis].	Belgium	Vrebos J.	Surgery	Acta Chir Belg. 1971 Mar;70(3):300-17.
1971	Complication	---	---	---	The complications of silastic implants. Experience with 137 consecutive cases.	USA	Davis PK, Jones SM.	Surgery	Br J Plast Surg. 1971 Oct;24(4):405-11.
1971	Complication	---	---	---	Obscure breast carcinoma encountered in subcutaneous mastectomies.	USA	Pennisi VR, et al.	Surgery	Plast Reconstr Surg. 1971 Jan;47(1):17-20.
1971	---	Technique	---	---	Reconstruction of the female breast following radical mastectomy.	USA	Snyderman RK, Guthrie RH.	Surgery	Plast Reconstr Surg. 1971 Jun;47(6):565-7.
1971	---	Technique	---	---	Augmentation mammoplasty.	USA	Cronin TD, Brauer RO.	Surgery	Surg Clin North Am. 1971 Apr;51(2):441-52.
1972	Long-Term Effects	---	---	---	Long-term effects of plastics.	?	[No authors listed]	Medicine	Food Cosmet Toxicol. 1972 Aug;10(4):567-71.
1972	---	Technique	---	---	Subcutaneous mastectomy.	USA	Schurter M, Letterman G.	Medicine	J Am Med Womens Assoc. 1972 Sep;27(9):463-7 passim.
1972	---	Technique	---	---	Subcutaneous mammectomy new hope for benign breast disease.	Australia	Allen TH.	Medicine	J Ark Med Soc. 1972 Oct;69(5):153-4.
1972	---	Technique	---	---	Subcutaneous mastectomy with prosthesis-implant for lobular in situ breast carcinoma.	USA	Shocket E, Snyder GB, Benson J.	Medicine	JFMA. 1972 Apr;59(4):25-7.
1972	---	Technique	---	---	Breast reconstruction.	USA	Georgiade NG.	Medicine	N C Med J. 1972 Jun;33(6):524-6.
1972	---	Technique	---	---	Cystosarcoma phylloides. Treatment by subcutaneous mastectomy with immediate prosthetic implantation.	USA	Mandel MA, et al.	Surgery	Am J Surg. 1972 Jun;123(6):718-20.

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1972	---	Technique	---	---	[Personal and clinical experience with mammary prosthesis implantations].	Belgium	Vrebos J.	Surgery	Ann Chir Plast. 1972;17(2):114-25.
1972	---	---	Material	---	[Autogenous tissue or allopathic material?].	Japan	Omori S.	Surgery	Geka Chiryō. 1972 May;26(5):528-31.
1972	---	Technique	---	---	Further studies on the natural-Y breast prosthesis.	USA	Ashley FL.	Surgery	Plast Reconstr Surg. 1972 Apr;49(4):414-9.
1972	---	Technique	---	---	Plastic surgery for the unilateral hypoplastic breast. A report of eight cases.	USA	Corso PF.	Surgery	Plast Reconstr Surg. 1972 Aug;50(2):134-41.
1972	Complication	---	---	---	Management of patients with complications from injections of foreign materials into the breasts.	Mexico	Ortiz-Monasterio F, Trigos I.	Surgery	Plast Reconstr Surg. 1972 Jul;50(1):42-7.
1972	---	Technique	---	---	Experiences with a large series of silastic breast implants.	USA	Williams JE.	Surgery	Plast Reconstr Surg. 1972 Mar;49(3):253-8.
1972	---	Technique	---	---	Nipple and areola reconstruction by split-skin graft from the normal side.	USA	Millard DR Jr.	Surgery	Plast Reconstr Surg. 1972 Oct;50(4):350-3.
1972	---	Technique	---	---	Clinical trial and evaluation of a proposed new inflatable mammary prosthesis.	USA	Regnault P, et al.	Surgery	Plast Reconstr Surg. 1972 Sep;50(3):220-6.
1973	Experience	Experience	Quality	---	Toxicologic studies, quality control, and efficacy of the silastic mammary prosthesis.	USA	Robertson G, Braley S.	Medical Devices	Med Instrum. 1973 Mar-Apr;7(2):100-3.
1973	---	Technique	---	---	Plastic surgery applications of synthetic implants.	USA	Gerow FJ, Spira M, Hardy SB.	Medical Devices	Med Instrum. 1973 Mar-Apr;7(2):96-9.
1973	---	Technique	---	---	Breast reconstruction after radical mastectomy.	USA	Freeman BS.	Medicine	Tex Med. 1973 Apr;69(4):77-82.
1973	---	Technique	---	---	Breast augmentation: the axillary approach.	?	Hoehler H.	Surgery	Br J Plast Surg. 1973 Oct;26(4):373-6.
1973	---	Technique	---	---	The use of inflatable breast implants.	USA	Rees TD, Guy CL, Coburn RJ.	Surgery	Plast Reconstr Surg. 1973 Dec;52(6):609-15.
1973	---	Technique	---	---	A periareolar incision for augmentation mammoplasty.	Australia	Jones FR, Tauras AP.	Surgery	Plast Reconstr Surg. 1973 Jun;51(6):641-4.
1973	---	Technique	---	---	The use of silicones in plastic surgery. A retrospective view.	USA	Braley SA.	Surgery	Plast Reconstr Surg. 1973 Mar;51(3):280-8.
1973	---	Technique	---	---	Treatment of bilateral breast carcinomas in a patient with silicone-gel breast implants. Case report.	?	Benavent WJ.	Surgery	Plast Reconstr Surg. 1973 May;51(5):588-9.
1974	---	Technique	---	---	Subcutaneous mastectomy with reconstruction.	USA	Stallings JO.	Medicine	Am Fam Physician. 1974 Nov;10(5):184-5.
1974	---	Technique	---	---	Editorial: Modifications to the breasts.	UK	[No authors listed]	Medicine	Br Med J. 1974 Jul 20;3(5924):135.
1974	---	Technique	---	---	Letter: Rib abnormality hidden by breast prosthesis.	USA	McDougall IR, Pistenma DA.	Medicine	J Nucl Med. 1974 May;15(5):379-80.
1974	---	Technique	---	---	The surgical improvement in appearance of the female body.	USA	Reich J.	Medicine	Med J Aust. 1974 Nov 23;2(21):767-74.
1974	---	Technique	---	---	[Surgical reconstruction of the breast].	Germany	Köhnlein HE.	Medicine	Med Klin. 1974 Oct 11;69(41):1647-57.
1974	---	---	Manufacture	---	[Manufacture by Dow Corning of a dimensioned element for breast prosthesis in Silastic].	Italy	[No authors listed]	Medicine	Minerva Ginecol. 1974 Mar 31;24(5):275-6.
1974	---	Technique	---	---	Camouflage and the augmentation mammoplasty.	USA	Owsley JQ Jr.	Medicine	West J Med. 1974 Feb;120(2):101-4.
1974	---	Technique	---	---	Breast augmentation with improved	USA	Weiner DL, et al	Nursing	RN. 1974 Aug;37(8):OR12.

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		ue			implant material.				
1974	---	Technique	---	---	Reconstruction of the breast after subcutaneous mastectomy. Possibilities and problems.	Netherlands	Bouman FG.	Surgery	Arch Chir Neerl. 1974;26(4):343-52.
1974	---	Technique	---	---	Reconstruction of the breast form by silastic gel from breast prostheses.	USA	Freeman BS.	Surgery	Br J Plast Surg. 1974 Jul;27(3):284-6.
1974	---	Technique	---	---	Subcutaneous mastectomy.	New Zealand	Molenaar A.	Surgery	Clin Plast Surg. 1974 Jul;1(3):427-37.
1974	Complication	---	---	---	Fibrous capsule formation after subcutaneous implanation of synthetic materials in experimental animals.	USA	Imber G, et al.	Surgery	Plast Reconstr Surg. 1974 Aug;54(2):183-6.
1974	---	Technique	---	---	A new soft, round, silicone gel breast implant.	USA	Weiner DL, et al	Surgery	Plast Reconstr Surg. 1974 Feb;53(2):174-8.
1974	---	Technique	---	---	Psychosexual dynamics of patients undergoing mammary augmentation.	USA	Baker JL Jr, et al	Surgery	Plast Reconstr Surg. 1974 Jun;53(6):652-9.
1974	---	Technique	---	---	Augmentation mammoplasty with two different kinds of prostheses in the same woman. Results in two cases.	?	Barney BB.	Surgery	Plast Reconstr Surg. 1974 Sep;54(3):265-7.
1975	---	Technique	Rupture	---	Breast reconstruction after radical mastectomy.	USA	Miller SH, Graham WP 3rd.	Medicine	Am Fam Physician. 1975 May;11(5):97-101.
1975	---	---	Material	---	The determination of polydimethylsiloxane (silicone oil) in biological materials: a case report.	USA	Solomons ET, Jones JK.	Medicine	J Forensic Sci. 1975 Jan;20(1):191-9.
1975	---	Technique	---	---	Breast restoration after mastectomy for cancer.	USA	Chong GC, et al	Medicine	Mayo Clin Proc. 1975 Aug;50(8):453-8.
1975	---	---	---	Sociology	Surgery, art or science?	USA	Mitchell RM.	Medicine	Med J Aust. 1975 Jul 5;2(1):5-9.
1975	---	Technique	---	---	[Esthetic-surgical breast enlargement, exchange mastectomy, and breast reconstruction following mamma amputation. New Clinical and radiographic findings].	?	von Lutzki A, Pröscher H.	Medicine	Med Welt. 1975 Feb 28;26(9):381-6.
1975	Complication	---	---	---	[Carcinoma of the breast and plastic reconstruction using a prosthesis].	Croatia	Jelesijević V.	Surgery	Acta Chir Iugosl. 1975;22(2):213-8.
1975	Experience	Experience	---	---	Subcutaneous mastectomy in 80 patients with breast tumours. Indications, surgical results and pathological findings.	Sweden	Gynning I, et al.	Surgery	Acta Chir Scand. 1975;141(6):488-94.
1975	Experience	Experience	---	---	A 10-year experience with subcutaneous mastectomy.	Canada	Fredericks S.	Surgery	Clin Plast Surg. 1975 Jul;2(3):347-57.
1975	---	Technique	---	---	The dermolipectomy approach for augmentation mammoplasty.	Spain	Hinderer UT.	Surgery	Clin Plast Surg. 1975 Jul;2(3):359-69.
1975	---	Technique	---	---	Mammary asymmetry.	USA	Rees TD.	Surgery	Clin Plast Surg. 1975 Jul;2(3):371-4.
1975	Complication	---	---	---	Abdominal dermolipectomies.	USA	Regnault P.	Surgery	Clin Plast Surg. 1975 Jul;2(3):411-29.
1975	Complication	---	---	---	The effect of hematoma on the thickness of pseudosheaths around silicone implants.	USA	Williams C, Aston S, Rees TD.	Surgery	Plast Reconstr Surg. 1975 Aug;56(2):194-8.
1975	---	Technique	---	---	Inframammary-based dermofat flaps in mammary reconstruction following a subcutaneous mastectomy.	USA	Letterman G, Schurter M.	Surgery	Plast Reconstr Surg. 1975 Feb;55(2):156-9.
1975	---	---	Properly	---	Letter: Strength of gel-bag prostheses	?	Talcott TD.	Surgery	Plast Reconstr Surg. 1975

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			y		after autoclaving.				Feb;55(2):216-7.
1975	---	Technique	---	---	Intracranial use of a breast prosthesis to temporarily stabilize a reduction cranioplasty.	Canada	Thomson HG, Hoffman HJ.	Surgery	Plast Reconstr Surg. 1975 Jun;55(6):704-9.
1976	Complication	Technique	---	---	[Bilateral radical mastectomy for carcinoma of the breast of the stages T0 and T1 (N0, M0) and mammoplasty of both breasts, areola and nipples in a single operation (author's transl)].	?	Hüter J.	Medicine	Geburtshilfe Frauenheilkd. 1976 Jan;36(1):10-9.
1976	Complication	---	---	---	Reaction to silicone implants in the guinea pig.	USA	Barker DE, Schultz SL.	Surgery	Aesthetic Plast Surg. 1976 Dec;1(1):371-9.
1976	Complication	Technique	---	---	Reconstruction of the breast as a primary and secondary procedure following mastectomy for carcinoma.	UK	Watts GT.	Surgery	Br J Surg. 1976 Oct;63(10):823-5.
1976	Complication	Technique	---	---	Restorative prosthetic mammoplasty in mastectomy for carcinoma and benign lesions.	UK	Watts GT.	Surgery	Clin Plast Surg. 1976 Apr;3(2):177-91.
1976	Complication	Technique	---	---	Mammary augmentation--surgical techniques, evaluation of results, and complications.	Spain	Planas J.	Surgery	Clin Plast Surg. 1976 Apr;3(2):233-46.
1976	---	Technique	---	---	Specific applications of the double lumen prosthesis.	USA	Hartley JH.	Surgery	Clin Plast Surg. 1976 Apr;3(2):247-63.
1976	---	Technique	---	---	The tuberous breast.	USA	Rees TD, Aston SJ.	Surgery	Clin Plast Surg. 1976 Apr;3(2):339-47.
1976	---	Technique	---	---	One-stage reconstruction of the breast, using the transposed greater omentum. Case report.	USA	Arnold PG, Hartrampf CR, Jurkiewicz MJ.	Surgery	Plast Reconstr Surg. 1976 Apr;57(4):520-2.
1976	Complication	---	---	---	Histological investigation of the etiology of capsule contracture following augmentation mammoplasty.	USA	Domanskis E, Owsley JQ Jr.	Surgery	Plast Reconstr Surg. 1976 Dec;58(6):689-93.
1976	---	Technique	---	---	Reconstruction of the breast after mastectomy for cancer.	USA	Hartwell SW Jr, et al.	Surgery	Plast Reconstr Surg. 1976 Feb;57(2):152-7.
1976	Complication	Treatment	---	---	The use of soluble steroids within inflatable breast prostheses.	USA	Perrin ER.	Surgery	Plast Reconstr Surg. 1976 Feb;57(2):163-6.
1976	Complication	---	---	---	Giant breast implant for unilateral aplasia. Case report.	France	Marchac D, Alkhatib B.	Surgery	Plast Reconstr Surg. 1976 Jun;57(6):749-50.
1976	Complication	---	---	---	Long-term study of reactions to various silicone breast implants in rabbits.	USA	Lilla JA, Vistnes LM.	Surgery	Plast Reconstr Surg. 1976 May;57(5):637-49.
1976	---	Technique	---	---	[External gel-filled prosthesis of the breast].	Poland	Prosnak M.	Surgery	Pol Przegl Chir. 1976 Jan;48(1):81-5.
1976	Risk/Safety	Technique	---	---	Experience with subcutaneous mastectomy.	USA	Woods JE, et al	Surgery	Surgery. 1976 Oct;80(4):422-5.
1977	---	Treatment	---	---	Medical sculpture: a valuable aid to patient rehabilitation.	Korea	Lee DC, Harlan WR Jr.	Medicine	Am Fam Physician. 1977 Feb;15(2):110-4.
1977	Complication	---	---	---	Breast conservation in mammary carcinoma.	?	[No authors listed]	Medicine	Br Med J. 1977 Mar 5;1(6061):595-6.
1977	---	Technique	---	---	[Application of silastic breast implants (author's transl)].	Croatia	Prpić I, et al.	Medicine	Lijec Vjesn. 1977 Aug;99(8):497-500.
1977	---	Diagnosis	---	---	[The value of xero-radiography of the breast following mammoplasty with silicone prostheses (author's transl)].	Germany	Grünberg G, Mühlbauer W.	Medicine	Rofo. 1977 Apr;126(4):365-7.
1977	---	Technique	---	---	Subcutaneous mastectomy with immediate replacement by a silastic implant.	Bangladesh	Khalil GA.	Medicine	W V Med J. 1977 Aug;73(8):179-82.

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1977	---	Technique	---	---	Augmentation of the breast.	Germany	Knoch HG, Köbernick H.	Surgery	Acta Chir Plast. 1977;19(2):129-34.
1977	---	Technique	---	---	Breast reconstruction after mastectomy.	USA	Zarem HA, et al	Surgery	Am J Surg. 1977 Jul;134(1):47-51.
1977	---	Technique	---	---	An overview of plastic surgery.	Australia	McComb H.	Surgery	Aust N Z J Surg. 1977 Dec;47(6):816-21.
1977	Complication	---	---	---	Histology of the capsules causing constrictive fibrosis around breast implants.	Switzerland	Smahel J.	Surgery	Br J Plast Surg. 1977 Oct;30(4):324-9.
1977	---	Technique	---	---	[Reconstructive surgery of the thorax and breast].	Switzerland	Meyer R, Kesselring UK.	Surgery	Helv Chir Acta. 1977 Mar;44(1-2):219-30.
1977	---	Diagnosis	---	---	Xeromammography--a reason for using saline-filled breast prostheses.	USA	Cohen IK, et al	Surgery	Plast Reconstr Surg. 1977 Dec;60(6):886-8.
1977	---	Diagnosis	Bleeding/Migration	---	Electron and light microscopy examination of capsules around breast implants.	USA	Wagner H, Beller FK, Pfausch M.	Surgery	Plast Reconstr Surg. 1977 Jul;60(1):49-55.
1977	---	---	Rupture	---	Rupture of a silicone bag-gel breast implant by closed compression capsulotomy: case report.	USA	Eisenberg HV, Bartels RJ.	Surgery	Plast Reconstr Surg. 1977 Jun;59(6):849-50.
1977	---	Technique	---	---	Method for the prevention of firm breasts from capsular contraction.	USA	Arrillaga A, et al	Surgery	Plast Reconstr Surg. 1977 Nov;60(5):753-4.
1977	---	Technique	---	---	On the implantation of free silicon gel.	USA	Freeman BS.	Surgery	Plast Reconstr Surg. 1977 Nov;60(5):780.
1977	---	---	Bleeding/Migration	---	Fact and fiction about breast implant "bleed".	USA	Brody GS.	Surgery	Plast Reconstr Surg. 1977 Oct;60(4):615-6.
1977	Complication	Technique	---	---	Subpectoral augmentation mammoplasty.	USA	Pickrell KL, et al	Surgery	Plast Reconstr Surg. 1977 Sep;60(3):325-36.
1977	Complication	---	Rupture	---	Complications of closed capsulotomies after augmentation mammoplasty.	USA	Laughlin RA, et al	Surgery	Plast Reconstr Surg. 1977 Sep;60(3):362-3.
1978	---	Diagnosis	---	---	Irregularity of Silastic breast implants mimicking a soft tissue mass.	USA	Grant EG, et al	Medicine	AJR Am J Roentgenol. 1978 Mar;130(3):461-2.
1978	Complication	---	---	---	Augmentation mammoplasty. Fibrous capsular contracture and other complications.	?	Hutton FA.	Medicine	J Kans Med Soc. 1978 May;79(5):205-6, 217.
1978	Complication	---	---	---	Silicon identification in prosthesis-associated fibrous capsules.	USA	Wickham MG, et al	Science	Science. 1978 Jan 27;199(4327):437-9.
1978	Complication	---	---	---	Fibrous reactions in the tissues which surround silicone breast prostheses.	Switzerland	Smahel J.	Surgery	Br J Plast Surg. 1978 Jul;31(3):250-3.
1978	Causal Relation	---	Rupture	---	Local and regional lymph node response to ruptured gel-filled mammary prostheses.	Switzerland	Wintsch W, Smahel J, Clodius L.	Surgery	Br J Plast Surg. 1978 Oct;31(4):349-52.
1978	Complication	---	---	---	Myofibroblasts and free silicon around breast implants.	USA	Rudolph R, et al.	Surgery	Plast Reconstr Surg. 1978 Aug;62(2):185-96.
1978	Complication	---	Rupture	---	Closed capsulotomy causing fractures of the scar capsule and the silicone bag of a breast implant. Case report.	USA	Addington DB, Mallin RE.	Surgery	Plast Reconstr Surg. 1978 Aug;62(2):300-1.
1978	---	---	Bleeding/Migration	---	Distant migration of silicone gel from a ruptured breast implant. Case report.	USA	Capozzi A, Du Bou R, Pennisi VR.	Surgery	Plast Reconstr Surg. 1978 Aug;62(2):302-3.
1978	Complication	---	---	---	Loss of silicone implants after subcutaneous mastectomy and reconstruction.	USA	Schlenker JD, et al	Surgery	Plast Reconstr Surg. 1978 Dec;62(6):853-61.

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1978	---	Technique	---	---	High-pressure injection of silicone gel into an axilla--a complication of closed compression capsulotomy of the breast. Case report.	USA	Goin JM.	Surgery	Plast Reconstr Surg. 1978 Dec;62(6):891-5.
1978	---	---	Bleeding/Migration	---	Migration of silicone gel after the "squeeze technique" to rupture a contracted breast capsule. Case report.	USA	Huang TT, Blackwell SJ, Lewis SR.	Surgery	Plast Reconstr Surg. 1978 Feb;61(2):277-80.
1978	Complication	---	---	---	Tissue reactions to breast implants coated with polyurethane.	Switzerland	Smahel J.	Surgery	Plast Reconstr Surg. 1978 Jan;61(1):80-5.
1978	---	---	Bleeding/Migration	---	"Bleeding" of silicone from bag-gel breast implants, and its clinical relation to fibrous capsule reaction.	USA	Barker DE, Retsky MI, Schultz S.	Surgery	Plast Reconstr Surg. 1978 Jun;61(6):836-41.
1978	---	Technique	---	---	Breast reconstruction following radical mastectomy, using custom designed implants.	USA	Birnbaum L, Olsen JA.	Surgery	Plast Reconstr Surg. 1978 Mar;61(3):355-63.
1978	---	Technique	---	---	Breast reconstruction after a radical mastectomy.	USA	Bostwick J 3rd, et al.	Surgery	Plast Reconstr Surg. 1978 May;61(5):682-93.
1978	Complication	---	---	---	Silicone prostheses and anti-tumor immunity: an in-vitro rat study.	USA	Schuler FA 3rd, et al.	Surgery	Plast Reconstr Surg. 1978 May;61(5):762-6.
1978	Complication	---	---	---	Late deterioration of silicone rubber foam breast implants: case report.	USA	Robertson JL.	Surgery	Plast Reconstr Surg. 1978 Nov;62(5):793-5.
1978	Complication	---	---	---	Study of encapsulation of silicone rubber implants in animals. A foreign-body reaction.	USA	Vistnes LM, Ksander GA, Kosek J.	Surgery	Plast Reconstr Surg. 1978 Oct;62(4):580-8.
1978	Complication	---	---	---	Foreign-body reaction to silicone gel in axillary lymph nodes after an augmentation mammoplasty.	USA	Hausner RJ, Schoen FJ, Pierson KK.	Surgery	Plast Reconstr Surg. 1978 Sep;62(3):381-4.
1978	---	Technique	Bleeding/Migration	---	[Subcutaneous silicone gel prosthese (author's transl)].	Belgium	Apap G, et al.	Surgery	Rev Stomatol Chir Maxillofac. 1978;79(4):315-23.
1978	---	Technique	---	---	Evaluation of patients after augmentation mammoplasty.	USA	Bandeian J, et al.	Surgery	Surg Gynecol Obstet. 1978 Oct;147(4):596-8.
1978	---	Technique	---	---	[Subcutaneous mastectomy (author's transl)].	Germany	Mühlbauer W.	Surgery	Zentralbl Chir. 1978;103(12):781-9.
1979	---	Technique	---	---	Breast reconstruction after subcutaneous mastectomy.	UK	Doyle PJ, et al.	Medicine	Lancet. 1979 Apr 7;1(8119):784.
1979	---	Technique	---	---	[Implantation of prostheses in the treatment of deformations following mastectomy].	Poland	Kratochwil Z, Myczkowski T.	Medicine	Polim Med. 1979;9(1):31-7.
1979	Complication	---	---	---	Calcification in augmentation mammoplasty.	Japan	Koide T, Katayama H.	Medicine	Radiology. 1979 Feb;130(2):337-40.
1979	Complication	Technique	---	---	Augmentation mammoplasty - a hazardous procedure.	USA	Robertson JL.	Medicine	S Afr Med J. 1979 Dec 8;56(24):1031-3.
1979	---	Technique	---	---	[Experience with the surgical correction of the breasts using elastic silicon implants].	Russia	Vishnevskii AA, Olenin VP.	Medicine	Vestn Khir Im I I Grek. 1979 Aug;123(8):107-10.
1979	---	Technology	---	---	Current status of biomaterial's clinical applications in plastic and reconstructive surgery.	USA	Habal MB.	Science	Biomater Med Devices Artif Organs. 1979;7(2):229-41.
1979	---	Technique	---	---	Augmentation mammoplasty using silastic prosthesis.	Slovakia	Janovic J, et al.	Surgery	Acta Chir Plast. 1979;21(4):222-7.
1979	Complication	---	---	---	The presence of silicone in breast capsules.	USA	Mandel MA, Gibbons DF.	Surgery	Aesthetic Plast Surg. 1979 Dec;3(1):219-25.

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1979	---	Technique	---	---	The present status of breast reconstruction following mastectomy in the female.	USA	Snyderman RK.	Surgery	Aesthetic Plast Surg. 1979 Dec;3(1):79-85.
1979	---	---	Rupture	---	[Breast prosthetic implants. Apropos of a case of rupture of a breast prosthesis prefilled with silicone gel after closed capsulotomy (squeezing)].	Belgium	Vrebos J.	Surgery	Ann Chir Plast. 1979;24(2):195-200.
1979	Complication	---	---	---	Multicentric ductal and lobular atypia and occult carcinoma in prophylactic subcutaneous mastectomies: a preliminary report.	USA	Goin JM, Kern WH.	Surgery	Ann Plast Surg. 1979 Feb;2(2):121-7.
1979	Experience	Experience	---	---	Custom-fabricated silicone implants for contour restoration.	USA	Lash H, et al.	Surgery	Ann Plast Surg. 1979 Feb;2(2):97-102.
1979	Complication	---	---	---	Capsular contraction around silicone mammary prostheses.	USA	Gayou R, Rudolph R.	Surgery	Ann Plast Surg. 1979 Jan;2(1):62-71.
1979	---	Technique	---	---	Simultaneous mastopexy and augmentation for correction of the small, ptotic breast.	USA	Owsley JQ Jr.	Surgery	Ann Plast Surg. 1979 Mar;2(3):195-200.
1979	Complication	---	---	---	Augmentation mammoplasty associated with a severe systemic illness.	USA	Uretsky BF, et al.	Surgery	Ann Plast Surg. 1979 Nov;3(5):445-7.
1979	---	Technique	---	---	Simultaneous correction of pectus excavatum and breast hypoplasia.	USA	Finger ER.	Surgery	Ann Plast Surg. 1979 Nov;3(5):448-51.
1979	Complication	---	---	---	Locally recurrent carcinoma after breast reconstruction.	USA	Zaworski RE, DerHagopian RP.	Surgery	Ann Plast Surg. 1979 Oct;3(4):326-9.
1979	---	Technique	Rupture	---	Mass lesion of the breast after augmentation mammoplasty.	USA	Savrin RA, et al	Surgery	Arch Surg. 1979 Dec;114(12):1423-4.
1979	---	---	Bleeding/Migration	---	Exudation of silicone through the envelope of gel-filled breast prostheses: an in vitro study.	Netherlands	Bergman RB, van der Ende AE.	Surgery	Br J Plast Surg. 1979 Jan;32(1):31-4.
1979	Complication	---	---	---	Foreign material in the capsules around breast prostheses and the cellular reaction to it.	Switzerland	Smahel J.	Surgery	Br J Plast Surg. 1979 Jan;32(1):35-42.
1979	---	Technique	---	---	Breast reconstruction: a comprehensive approach.	USA	Bostwick J 3rd.	Surgery	Clin Plast Surg. 1979 Apr;6(2):143-62.
1979	Complication	---	---	---	Extra-abdominal desmoid arising from a capsule around a silicone breast implant.	USA	Jewett ST Jr, Mead JH.	Surgery	Plast Reconstr Surg. 1979 Apr;63(4):577-9.
1979	Complication	QoL	---	---	Satisfactions and dissatisfactions of patients with augmentation mammoplasty.	USA	Hetter GP.	Surgery	Plast Reconstr Surg. 1979 Aug;64(2):151-5.
1979	Complication	Technique	---	---	Alternatives to subcutaneous mastectomy.	USA	Hoffman S, Simon BE, Kahn S.	Surgery	Plast Reconstr Surg. 1979 Aug;64(2):214-20.
1979	Complication	---	---	---	Shedding of silicone particles from inflated breast implants.	Mexico	Vargas A.	Surgery	Plast Reconstr Surg. 1979 Aug;64(2):252-3.
1979	---	Technique	---	---	"Apple coring" the nipple in subcutaneous mastectomy.	USA	Randall P, Dabb R, Loc N.	Surgery	Plast Reconstr Surg. 1979 Dec;64(6):800-3.
1979	Complication	Treatment	---	---	Management of first trimester breast enlargement with necrosis.	USA	Miller CJ, Becker DW Jr.	Surgery	Plast Reconstr Surg. 1979 Mar;63(3):383-6.
1979	Complication	---	---	---	A histological comparison of contracted and non-contracted capsules around silicone breast implants.	USA	Gayou RM.	Surgery	Plast Reconstr Surg. 1979 May;63(5):700-7.
1979	Complication	---	---	---	Myofibroblasts and free silicon around breast implants.	Switzerland	Montandon D.	Surgery	Plast Reconstr Surg. 1979 May;63(5):719-20.
1979	Complica	---	---	---	High-pressure injection of silicone gel	USA	Oneal RM.	Surgery	Plast Reconstr Surg. 1979

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	tion				into an axilla--a complication of closed compression capsulotomy of the breast.				Nov;64(5):700.
1979	Complication	---	---	---	Late development of hematoma around a breast implant, necessitating removal.	USA	Georgiade NG, Serafin D, Barwick W.	Surgery	Plast Reconstr Surg. 1979 Nov;64(5):708-10.
1979	Complication	---	---	---	The nature of the collagenous capsules around breast implants; light and electron microscopic investigations.	Germany	Ginsbach G, Busch LC, Kühnel W.	Surgery	Plast Reconstr Surg. 1979 Oct;64(4):456-64.
1979	---	Technique	---	---	Use of a sliding flap from the abdomen to provide cover in breast reconstructions.	USA	Lewis JR Jr.	Surgery	Plast Reconstr Surg. 1979 Oct;64(4):491-7.
1979	Complication	---	---	---	Infections reported in mammary implants.	USA	Foster MT.	Surgery	Same Day Surg. 1979 Jan;3(1):15.
1979	Complication	---	Rupture	---	[Late complications in breast construction with silicone implants].	Germany	Schrudde J, et al	Surgery	Z Plast Chir. 1979 Dec;3(4):207-15.
1979	Complication	---	---	---	[Pathomorphology and indications in plastic surgery of the breast].	Germany	Bässler R.	Surgery	Z Plast Chir. 1979 Jul;3(2):65-87.
1979	Complication	---	---	---	[Structural analysis of the capsules around breast prostheses (light and electron microscopic studies)].	Germany	Ginsbach G, Kühnel W.	Surgery	Z Plast Chir. 1979 Mar;3(1):28-43.
1980	---	Technique	---	---	Reconstructive breast surgery following mastectomy and adjunctive radiation therapy.	USA	Stabile RJ, et al.	Medicine	Cancer. 1980 Jun 1;45(11):2738-43.
1980	---	Technique	---	---	[Volumetric breast integration with silicone prosthesis (indications, technics, results)].	Italy	Sorice G, et al.	Medicine	Chir Patol Sper. 1980 Dec;28(6):372-82.
1980	---	Technique	---	---	[Case of breast aplasia with pectoral muscle agenesis (notes on the reconstruction procedure)].	Italy	Bertoglio C, Sorice G, Moresco L.	Medicine	Chir Patol Sper. 1980 Dec;28(6):391-5.
1980	Complication	---	---	---	Silicone syncope.	USA	Thomsen TA, et al	Medicine	N Engl J Med. 1980 Oct 2;303(14):817.
1980	---	---	---	History	Implantable prostheses.	USA	Williams DF.	Medicine	Phys Med Biol. 1980 Jul;25(4):611-36.
1980	---	Technique	---	---	Plastic surgery of the breast.	UK	Webster MH.	Medicine	Practitioner. 1980 Apr;224(1342):406-8.
1980	---	Treatment	---	---	Dosimetry of a silicone breast prosthesis.	USA	McGinley PH, et al	Medicine	Radiology. 1980 Apr;135(1):223-4.
1980	---	Treatment	---	---	Radiation transmission study of silicone elastomer for mammary prosthesis.	USA	Piontek RW, Kase KR.	Medicine	Radiology. 1980 Aug;136(2):505-7.
1980	Complication	---	Material	---	Capsular contracture after breast augmentation--a comparison between gel- and saline-filled prostheses.	USA	Cairns TS, de Villiers W.	Medicine	S Afr Med J. 1980 Jun 7;57(23):951-3.
1980	---	---	---	Sociology	Breast prostheses in the UK.	UK	Westgate B.	Nursing	Nurs Times. 1980 Jul 17;76(29):1262.
1980	---	---	Material	---	Development of new breast prostheses.	Korea	Lee DC.	Sociology	J Biocommun. 1980 Mar;7(1):16-9.
1980	Complication	Technique	---	---	Reconstruction of the breast after mastectomy for carcinoma.	Croatia	Prpic I.	Surgery	Acta Chir Belg. 1980 Mar-Apr;79(2):103-4.
1980	Experience	Experience	---	---	Reconstruction of the breast.	USA	Bostwick J.	Surgery	Acta Chir Belg. 1980 Mar-Apr;79(2):125-9.
1980	Experience	Experience	---	---	Breast reconstruction at the tumor center of the University of Brussels. A three year report.	Belgium	Lejour M, et al.	Surgery	Acta Chir Belg. 1980 Mar-Apr;79(2):135-43.
1980	---	Technique	---	---	Unfavorable results after breast	Germany	Lemperle G.	Surgery	Acta Chir Belg. 1980

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		ue			reconstruction with silicone breast.				Mar-Apr;79(2):159-60.
1980	---	Technique	---	---	Immediate breast reconstruction after modified mastectomy for carcinoma of the breast.	Sweden	Albo RJ, Gruber R, Kahn R.	Surgery	Am J Surg. 1980 Jul;140(1):131-6.
1980	---	Technique	---	---	[The hard breast phenomenon].	USA	Jenny H.	Surgery	Ann Chir Plast. 1980;25(1):51-5.
1980	Experience	Experience	---	---	[Evaluation of 80 breast reconstructions after total mastectomy].	Belgium	Lejour M, Eder H.	Surgery	Ann Chir Plast. 1980;25(1):57-71.
1980	---	Technique	---	---	Latissimus dorsi muscle flap in reconstruction of congenitally absent breast and pectoralis muscle.	USA	Fodor PB, Khoury F.	Surgery	Ann Plast Surg. 1980 May;4(5):422-5.
1980	Complication	---	Rupture	---	Mammary implant shell failure.	Germany	Schmidt GH.	Surgery	Ann Plast Surg. 1980 Nov;5(5):369-71.
1980	---	Technique	---	---	The place of subcutaneous mastectomy with immediate silicone prosthetic implantation in diseases of the breast.	UK	Burnand KG, Bulman AS, Nash AG.	Surgery	Ann R Coll Surg Engl. 1980 Nov;62(6):449-53.
1980	---	Technique	---	---	Alternative route for the insertion of breast implants in mammary reconstruction: a technical note.	Spain	Robles JM, Zimman OA, Lee JC.	Surgery	Br J Plast Surg. 1980 Apr;33(2):221-3.
1980	Complication	Technique	---	---	The insertion of prostheses at mastectomy for carcinoma of the breast--a preliminary report.	UK	Logan H.	Surgery	Br J Surg. 1980 Jan;67(1):69-70.
1980	---	Technique	---	---	Postmastectomy breast reconstruction.	USA	Rosato FE, et al	Surgery	Curr Probl Surg. 1980 Nov;17(11):585-629.
1980	---	Technique	Rupture	---	Blunt chest trauma: evaluation of the augmented breast.	USA	Dellon AL, et al	Surgery	J Trauma. 1980 Nov;20(11):982-5.
1980	---	Treatment	---	---	A study of effects of radiation on silicone prostheses.	USA	Shedbalkar AR, et al	Surgery	Plast Reconstr Surg. 1980 Jun;65(6):805-10.
1980	---	---	Bleeding/Migration	---	Late leakage of inflatable silicone breast prostheses.	USA	Worton EW, Seifert LN, Sherwood R.	Surgery	Plast Reconstr Surg. 1980 Mar;65(3):302-6.
1980	Experience	Experience	---	---	A 3 1/2-year experience with double-lumen implants in breast surgery.	USA	Ellenberg AH, Braun H.	Surgery	Plast Reconstr Surg. 1980 Mar;65(3):307-13.
1980	---	Technique	---	---	A new method for prophylactic mastectomy, reduction mammoplasty, and mastopexy.	USA	Tanski EV.	Surgery	Plast Reconstr Surg. 1980 Mar;65(3):314-22.
1980	Complication	---	---	---	The deflating saline implant--facing up to complications.	USA	Rubin LR.	Surgery	Plast Reconstr Surg. 1980 May;65(5):665.
1980	Complication	---	---	---	Paget's disease of the breast after subcutaneous mastectomy and reconstruction with a silicone prosthesis.	USA	Mendez-Fernandez MA, et al.	Surgery	Plast Reconstr Surg. 1980 May;65(5):683-5.
1980	---	Technique	---	---	The experimental value of silicone-sheet, dacron felt spacers in prevention of capsular contractures.	USA	Rybka FJ.	Surgery	Plast Reconstr Surg. 1980 Oct;66(4):502-8.
1980	---	Technique	---	---	The subcutaneous mastectomy cripple: surgical rehabilitation with the latissimus dorsi flap.	USA	Pendergrast WJ Jr, et al.	Surgery	Plast Reconstr Surg. 1980 Oct;66(4):554-9.
1980	---	Technique	---	---	[Indications for reconstruction of the female breast after radical mastectomy].	Germany	Lemperle G, Jäger K.	Surgery	Zentralbl Chir. 1980;105(4):220-6.
1981	Complication	---	Rupture	---	Migratory silicone granuloma.	UK	Mason J, Apisarnthanarax P.	Medicine	Arch Dermatol. 1981 Jun;117(6):366-7.
1981	---	---	Bleeding	---	Migration of silicone gel to axillary	USA	Hausner RJ, et	Medicine	Arch Pathol Lab Med. 1981

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			g/Migration		lymph nodes after prosthetic mammoplasty.		al.		Jul;105(7):371-2.
1981	Complication	Technique	---	---	Breast reconstruction after mastectomy.	Switzerland	Hurwitz PJ.	Medicine	Isr J Med Sci. 1981 Sep-Oct;17(9-10):980-3.
1981	---	Technique	---	---	[Breast-augmenting operations with subpectoral placement of a prosthesis].	Sweden	van Tetering JP, Lamaker PJ.	Medicine	Ned Tijdschr Geneesk. 1981 May 9;125(19):743-5.
1981	Complication	---	---	---	Mixed connective tissue disease after breast augmentation which terminated in scleroderma kidney. An autopsy case report of human adjuvant disease.	Japan	Kumagai Y, et al.	Medicine	Ryumachi. 1981;21 Suppl:171-6.
1981	---	Technique	---	---	[Reconstruction of the female breast after mastectomy (author's transl)].	Switzerland	Gianella FV.	Medicine	Schweiz Rundschr Med Prax. 1981 Feb 17;70(8):306-14.
1981	---	Diagnosis	---	---	Ultrasonic findings in silicone-augmented breasts.	USA	Rosenbaum JL, et al.	Medicine	South Med J. 1981 Apr;74(4):455-8.
1981	---	Technique	---	---	Breast augmentation using the silicone prosthesis.	UK	Sellu DP.	Nursing	Nurs Times. 1981 Jul 29-Aug 4;77(31):1347-50.
1981	Risk/Safety	Technique	---	---	Reconstruction of the breast after mastectomy for carcinoma.	Croatia	Prpić I.	Surgery	Aesthetic Plast Surg. 1981;5(1):33-41.
1981	Complication	---	Bleeding/Migration	---	Clinicopathologic correlations in pseudocapsule formation after breast augmentation.	USA	Jenny H, Smahel J.	Surgery	Aesthetic Plast Surg. 1981;5(1):63-8.
1981	Experience	Experience	Bleeding/Migration	---	The new low bleed mammary prosthesis: an experimental study in mice.	USA	Barker DE, Retsky M, Schulz SL.	Surgery	Aesthetic Plast Surg. 1981;5(1):85-91.
1981	---	Technique	---	---	Latissimus dorsi myocutaneous flap in Poland syndrome.	USA	Amoroso PJ, Angelats J.	Surgery	Ann Plast Surg. 1981 Apr;6(4):287-90.
1981	---	---	Property	---	The mechanical properties of breast prostheses.	Canada	Peters WJ.	Surgery	Ann Plast Surg. 1981 Mar;6(3):179-81.
1981	Risk/Safety	Technique	---	---	[Are there still indications for subcutaneous mastectomy?].	Germany	Olbrisch RR.	Surgery	Chirurg. 1981 Jul;52(7):467-71.
1981	---	---	Surface Type	---	[Silicone rubber and hydrone breast prosthesis].	Russia	Daurova TT, et al.	Surgery	Khirurgiia (Mosk). 1981 Aug;(8):56-9.
1981	---	Technique	---	---	Periareolar subpectoral augmentation mammoplasty.	USA	Gruber RP, Friedman GD.	Surgery	Plast Reconstr Surg. 1981 Apr;67(4):453-7.
1981	Complication	---	---	---	Occurrence and activity of myofibroblasts in human capsular tissue surrounding mammary implants.	USA	Baker JL Jr, Chandler ML, LeVier RR.	Surgery	Plast Reconstr Surg. 1981 Dec;68(6):905-12.
1981	Complication	---	---	---	Does infection play a role in breast capsular contracture?	India	Shah Z, Lehman JA Jr, Tan J.	Surgery	Plast Reconstr Surg. 1981 Jul;68(1):34-42.
1981	Complication	---	---	---	Capsules, infection, and intraluminal antibiotics.	USA	Burkhardt BR, et al.	Surgery	Plast Reconstr Surg. 1981 Jul;68(1):43-9.
1981	---	Technique	---	---	The inflatable silastic bag: a practical device that simplifies augmentation mammoplasty.	Chile	Cinelli R, Prado A.	Surgery	Plast Reconstr Surg. 1981 Oct;68(4):614-5.
1982	---	Technique	---	---	[Breast enlargement with silastic prosthesis. Critical results 6 years later].	Austria	Brobmann GF, Gospos C.	Medicine	Fortshr Med. 1982 Apr 8;100(13):600-4.
1982	Complication	Technique	---	---	Breast reconstruction.	Australia	Mendelson BC.	Medicine	Med J Aust. 1982 Jan 9;1(1):33-5.
1982	---	Technique	---	---	[Breast reconstruction after mastectomy].	Italy	Canavese G, Margarino G.	Medicine	Minerva Med. 1982 Dec 22;73(49-50):3524-5.
1982	---	Technique	---	---	Breast reconstruction after modified radical mastectomy.	Switzerland	Becker H, Cohen IK, Scheflan M.	Medicine	South Med J. 1982 Nov;75(11):1335-8.

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1982	---	Technique	---	---	Essential concepts in prosthetic breast surgery.	USA	Terino EO.	Surgery	Aesthetic Plast Surg. 1982;6(1):25-32.
1982	Experience	Experience	---	---	The retropectoral route for breast augmentation.	Israel	Mahler D, et al.	Surgery	Aesthetic Plast Surg. 1982;6(4):237-42.
1982	Complication	---	---	---	[Slowly evolving breast siliconoma].	France	Baruch J, et al.	Surgery	Ann Chir Plast. 1982;27(2):183-4.
1982	---	Technique	---	---	[Breast reconstruction after mastectomy for cancer. Use of the periprosthetic fibrous reaction].	Italy	Bonavita E.	Surgery	Ann Chir Plast. 1982;27(3):255-7.
1982	---	---	Bleeding/Migration	---	[Migration of silicone gel after rupture of a breast prosthesis during an external capsulotomy].	France	Masson CL, Dessapt B, Rochet M.	Surgery	Ann Chir Plast. 1982;27(4):369-73.
1982	---	Technique	---	---	Breast reconstruction with dermofat flaps after subcutaneous mastectomy.	Italy	Scuderi N, Campus G.	Surgery	Ann Plast Surg. 1982 Aug;9(2):139-5.
1982	---	Technique	---	---	Retromammary versus retropectoral breast augmentation-a comparative study.	Israel	Mahler D, Hauben DJ.	Surgery	Ann Plast Surg. 1982 May;8(5):370-4.
1982	Complication	---	---	---	Rate of diffusion of Solu-Medrol across the silastic membranes of breast prostheses-an in vitro study.	USA	Cucin RL, Guthrie RH, Graham M.	Surgery	Ann Plast Surg. 1982 Sep;9(3):228-9.
1982	---	Technique	---	---	Modified radical mastectomy with immediate breast reconstruction.	USA	Wilkinson LH, et al.	Surgery	Arch Surg. 1982 May;117(5):579-82.
1982	---	Technique	---	---	Immediate breast reconstruction after mastectomy using a rectus abdominis myodermal flap without an implant.	Canada	Drever JM, Hodson-Walker NJ.	Surgery	Can J Surg. 1982 Jul;25(4):429-31.
1982	---	Technique	---	---	Breast reconstruction without a silicone implant.	China	Song R, Yang P, Yu H, Huang H.	Surgery	Clin Plast Surg. 1982 Jan;9(1):85-9.
1982	Experience	Experience	---	---	Customized silicone implants of the breast and chest.	USA	Lavey E, et al.	Surgery	Plast Reconstr Surg. 1982 Apr;69(4):646-51.
1982	---	Technique	---	---	Reinsertability after breast prosthesis pocket infection: an experimental study.	USA	Marsh JL, et al.	Surgery	Plast Reconstr Surg. 1982 Feb;69(2):234-7.
1982	Causal Relation	---	Bleeding/Migration	---	Positive identification of silicone in human mammary capsular tissue.	USA	Baker JL Jr, LeVier RR, Spielvogel DE.	Surgery	Plast Reconstr Surg. 1982 Jan;69(1):56-60.
1982	---	Technique	---	---	Augmentation mammoplasty: a review of 18 years.	USA	Biggs TM, et al.	Surgery	Plast Reconstr Surg. 1982 Mar;69(3):445-52.
1982	Complication	---	---	---	Capsular contracture around silicone implants: the role of intraluminal antibiotics.	India	Shah Z, Lehman JA Jr, Stevenson G.	Surgery	Plast Reconstr Surg. 1982 May;69(5):809-14.
1983	---	Technique	---	---	Breast reconstruction today.	USA	Snyderman RK.	Medicine	Breast Cancer Res Treat. 1983;3(1):5-13.
1983	---	Diagnosis	---	---	Breast treatment planning using ultrasound in patient with silicone implants.	USA	Phillips RL, Siegfried MS.	Medicine	Int J Radiat Oncol Biol Phys. 1983 Aug;9(8):1245.
1983	Complication	---	---	---	Silicone pneumonitis.	Spain	Manresa JM, Manresa F.	Medicine	Lancet. 1983 Dec 10;2(8363):1373.
1983	---	Treatment	---	---	Effect of silicone gel breast prosthesis on electron and photon dose distributions.	USA	Krishnan L, et al.	Medicine	Med Phys. 1983 Jan-Feb;10(1):96-9.
1983	---	Technique	---	---	[Reconstruction of the breast after mastectomy for cancer].	Poland	Kulakowski A.	Medicine	Pol Tyg Lek. 1983 May 30-Jun 6;38(22-23):709-10.
1983	---	Technique	---	---	Unusual lesions of the breast.	USA	D'Orsi CJ, et al.	Medicine	Radiol Clin North Am. 1983 Mar;21(1):67-80.
1983	Complication	Diagnosis	---	---	Ultrasound mammography for the	USA	Cole-Beuglet C,	Medicine	Radiology. 1983

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	tion	is			augmented breast.		et al.		Mar;146(3):737-42.
1983	Complication	---	---	---	[Are foreign body calcifications late reactions following augmentation mammoplasty?].	Japan	Inoue Y, Wanibuchi Y, Nishi T.	Medicine	Rofo. 1983 Jan;138(1):74-8.
1983	Risk/Safety	Technique	---	---	Breast reconstruction after mastectomy.	USA	Luce EA.	Medicine	South Med J. 1983 Feb;76(2):190-3.
1983	---	Technique	---	---	[Role of plastic reconstructive operations in the rehabilitative treatment of women following mastectomy for breast cancer].	Russia	Gerasimenko VN, et al.	Medicine	Vopr Onkol. 1983;29(10):12-5.
1983	---	---	---	History	Surgical implants. Breast prostheses.	USA	Walsh MH, Stefanski DM.	Nursing	AORN J. 1983 Jun;37(7):1381, 1384-5, 1388-9 passim.
1983	---	Technique	---	---	A case of breast disease treated by simple mastectomy and silicone breast replacement.	Germany	Jones C.	Others	NATNEWS. 1983 Feb;20(2):14-8.
1983	---	---	Material	---	A comparison of capsule formation following breast augmentation by saline-filled or gel-filled implants.	USA	Reiffel RS, et al.	Surgery	Aesthetic Plast Surg. 1983;7(2):113-6.
1983	---	---	Bleeding/Migration	---	Migration of silicone gel into breast parenchyma following mammary prosthesis rupture.	USA	Argenta LC.	Surgery	Aesthetic Plast Surg. 1983;7(4):253-4.
1983	Experience	Experience	Bleeding/Migration	---	Initial clinical experience with "low bleed" breast implants.	USA	Price JE Jr, Barker DE.	Surgery	Aesthetic Plast Surg. 1983;7(4):255-6.
1983	Complication	---	---	---	Capsular contraction and deflation associated with inflatable implants.	USA	Price JE Jr.	Surgery	Aesthetic Plast Surg. 1983;7(4):257-8.
1983	Causal Relation	---	---	---	[Effects of the prosthesis factor on recurrence after breast reconstruction for cancer].	France	Abbes M, Segre S, Guillaume B.	Surgery	Ann Chir Plast Esthet. 1983;28(2):173-5.
1983	Causal Relation	---	---	---	Silicone-induced human adjuvant disease?	USA	Baldwin CM Jr, Kaplan EN.	Surgery	Ann Plast Surg. 1983 Apr;10(4):270-3.
1983	---	Technique	---	---	Rectus abdominis deepithelialized musculocutaneous island flap as a silicone substitute in breast reconstruction.	USA	Psillakis JM, Woisky R, Saracut G.	Surgery	Ann Plast Surg. 1983 Jun;10(6):492-7.
1983	Complication	Technique	---	---	Early results of subcutaneous mastectomy with immediate silicone prosthetic implant for carcinoma of the breast.	USA	Ward DC, Edwards MH.	Surgery	Br J Surg. 1983 Nov;70(11):651-3.
1983	---	Treatment	---	---	Central breast carcinoma treated by simultaneous mastectomy and latissimus dorsi flap reconstruction.	UK	Nash AG, Hurst PA.	Surgery	Br J Surg. 1983 Nov;70(11):654-5.
1983	Complication	Technique	---	---	The mastectomy defect. A philosophy of reconstruction.	USA	Bostwick J, Stahl R.	Surgery	Handchir Mikrochir Plast Chir. 1983 Sep;15(3):145-8.
1983	---	Treatment	---	---	Breast construction in Poland's syndrome. Case report.	USA	Eriksson E.	Surgery	Handchir Mikrochir Plast Chir. 1983 Sep;15(3):152-3.
1983	Causal Relation	---	Rupture	---	Pseudotumor of the arm associated with rupture of silicone-gel breast prostheses. Report of two cases.	USA	Foster WC, Springfield DS, Brown KL.	Surgery	J Bone Joint Surg Am. 1983 Apr;65(4):548-51.
1983	---	Technique	---	---	[Surgical rehabilitation of patients after radical mastectomy for breast cancer].	Russia	Peterson BE, et al.	Surgery	Khirurgiia (Mosk). 1983 Nov;(11):36-7.

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1983	Causal Relation	---	---	---	Tissue reactions from silicone implant in augmentation mammoplasties.	Austria	Wilflingseder P, et al.	Surgery	Minerva Chir. 1983 Jun 30;38(12):877-80.
1983	---	---	Material	---	[Chemico-physical and structural study of various types of breast prostheses. Considerations on their fibrogenic potential].	Italy	Sorice G, et al.	Surgery	Minerva Chir. 1983 Jun 30;38(12):881-3.
1983	---	Technique	---	---	Correction of bilateral breast hypoplasia and pectus excavatum with single-unit customized silicone implant.	USA	Rose EH, Lavey EB.	Surgery	Plast Reconstr Surg. 1983 Aug;72(2):234-6.
1983	Complication	---	---	---	Aspergillus colonization associated with bilateral silicone mammary implants.	UK	Williams K, et al.	Surgery	Plast Reconstr Surg. 1983 Feb;71(2):260-1.
1983	Complication	---	---	---	Capsular contracture.	USA	Morgan E.	Surgery	Plast Reconstr Surg. 1983 Feb;71(2):281.
1983	Complication	---	---	---	Capsular contracture in a diabetic patient.	Israel	Peled JJ.	Surgery	Plast Reconstr Surg. 1983 Feb;71(2):281.
1983	Complication	---	Material	---	Long-term comparison of patients with gel and saline mammary implants.	USA	McKinney P, Tresley G.	Surgery	Plast Reconstr Surg. 1983 Jul;72(1):27-31.
1983	Complication	---	---	---	Absence of visible bacteria in capsules around silicone breast implants.	USA	Rudolph R, Woodward M.	Surgery	Plast Reconstr Surg. 1983 Jul;72(1):32-7.
1983	---	---	Surface Type	---	Analysis of the surface morphology of recovered silicone mammary prostheses.	USA	Kossovsky N, et al.	Surgery	Plast Reconstr Surg. 1983 Jun;71(6):795-804.
1983	Complication	Technique	---	---	Reversed reconstruction in subcutaneous mastectomy: insertion of the prosthesis in advance.	Mexico	Guerrerosantos J, Dicksheet S.	Surgery	Plast Reconstr Surg. 1983 Mar;71(3):338-47.
1983	---	Technique	---	---	Breast reconstruction with contralateral rectus abdominis myocutaneous flap.	USA	Vasconez LO, et al.	Surgery	Plast Reconstr Surg. 1983 May;71(5):668-77.
1983	---	Technique	---	---	Silicone implant under a skin graft for breast reconstruction after radical mastectomy.	USA	Siegel R.	Surgery	Plast Reconstr Surg. 1983 Nov;72(5):720-3.
1983	---	Technique	---	---	Breast reconstruction by superior gluteal microvascular free flaps without silicone implants.	USA	Shaw WW.	Surgery	Plast Reconstr Surg. 1983 Oct;72(4):490-501.
1983	---	Treatment	---	---	Intrapelvic prosthesis to prevent injury of the small intestine with high dosage pelvic irradiation.	USA	Sugarbaker PH.	Surgery	Surg Gynecol Obstet. 1983 Sep;157(3):269-71.
1984	Causal Relation	---	---	---	[Systemic lupus after breast prosthesis].	France	Guillaume JC, et al.	Medicine	Ann Dermatol Venereol. 1984;111(8):703-4.
1984	Complication	---	---	---	Scleroderma, primary biliary cirrhosis, and Sjögren's syndrome after cosmetic breast augmentation with silicone injection: a case report of possible human adjuvant disease.	Japan	Okano Y, Nishikai M, Sato A.	Medicine	Ann Rheum Dis. 1984 Jun;43(3):520-2.
1984	Complication	---	---	---	[Morphological study of capsules formed around various breast endoprotheses].	Russia	Tumanov VP, et al.	Medicine	Arkh Patol. 1984;46(6):40-7.
1984	Complication	---	---	---	Post-mammoplasty human adjuvant disease.	UK	Byron MA, et al.	Medicine	Br J Rheumatol. 1984 Aug;23(3):227-9.
1984	Complication	Treatment	---	---	[Dosimetric study in vivo, using a computer, of Co-60 irradiation of patients with breast prosthesis made of silicone].	Italy	Sala S, et al.	Medicine	Radiol Med. 1984 Dec;70(12):987-92.
1984	Experience	Experience	---	---	[Review of 250 breast reconstructions after mastectomy].	Belgium	De Mey A.	Medicine	Rev Med Brux. 1984 Sep;5(7):479-82.
1984	Complica	---	---	---	The various etiological factors of "hard	Netherlan	Ferreira JA.	Surgery	Aesthetic Plast Surg.

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	tion				capsule" formation in breast augmentations.	ds			1984;8(2):109-17.
1984	Complication	Technique	Design	---	Reconstruction of the breast: where do we fall short? An evolution of ideas.	USA	Vasconez LO, et al.	Surgery	Am J Surg. 1984 Jul;148(1):103-10.
1984	---	Technique	---	---	Congenital unilateral hypoplasia of the female breast associated with a large melanotic spot: report of two cases.	USA	Zubowicz V, Bostwick J 3rd.	Surgery	Ann Plast Surg. 1984 Feb;12(2):204-6.
1984	---	Technique	---	---	An unusual approach to a case of breast asymmetry.	USA	Cronin ED, Romero R.	Surgery	Ann Plast Surg. 1984 May;12(5):461-5.
1984	---	---	Material	---	The biologic basis for the clinical application of the silicones. A correlate to their biocompatibility.	USA	Habal MB.	Surgery	Arch Surg. 1984 Jul;119(7):843-8.
1984	---	---	Bleeding/Migration	---	Leakage of breast prostheses.	USA	Cohen IK.	Surgery	Arch Surg. 1984 May;119(5):615.
1984	Complication	Technique	---	---	Subcutaneous mastectomy for primary operable breast cancer.	UK	Hinton CP, et al.	Surgery	Br J Surg. 1984 Jun;71(6):469-72.
1984	Complication	---	---	---	Complications of breast reconstruction.	Israel	Schefflan M, Kalisman M.	Surgery	Clin Plast Surg. 1984 Apr;11(2):343-50.
1984	Risk/Safety	Technique	---	---	Prophylactic mastectomy with immediate reconstruction for the high-risk woman.	USA	Rubin LR.	Surgery	Clin Plast Surg. 1984 Apr;11(2):369-81.
1984	---	Treatment	---	---	[New aspects of the surgical treatment of chronic lymphedema].	USA	Weber EG, Budde R.	Surgery	Handchir Mikrochir Plast Chir. 1984 Mar;16(1):15-9.
1984	Complication	---	---	---	Sterile shunt malfunction. A scanning electron microscopic perspective.	USA	Gower DJ, Lewis JC, Kelly DL Jr.	Surgery	J Neurosurg. 1984 Dec;61(6):1079-84.
1984	---	Technique	---	---	Breast reconstruction using an inflatable breast implant with detachable reservoir.	Switzerland	Becker H.	Surgery	Plast Reconstr Surg. 1984 Apr;73(4):678-83.
1984	Causal Relation	---	---	---	Inflammation and silicone prostheses.	USA	Cocke WM Jr.	Surgery	Plast Reconstr Surg. 1984 Aug;74(2):314.
1984	Complication	---	---	---	Capsular contracture in silicone gel and saline-filled breast implants after reconstruction.	UK	Asplund O.	Surgery	Plast Reconstr Surg. 1984 Feb;73(2):270-5.
1984	Complication	---	---	---	Subcutaneous mastectomy: acute complications and long-term follow-up.	USA	Slade CL.	Surgery	Plast Reconstr Surg. 1984 Jan;73(1):84-90.
1984	---	Technique	---	---	Silicone implant correction of pectus excavatum: indications and refinement in technique.	USA	Marks MW, Argenta LC, Lee DC.	Surgery	Plast Reconstr Surg. 1984 Jul;74(1):52-8.
1984	---	Technique	---	---	Inserting the Mème prosthesis.	USA	Dolsky RL.	Surgery	Plast Reconstr Surg. 1984 Mar;73(3):466-8.
1984	Complication	---	---	---	Polyurethane-coated silicone implants and the question of capsular contracture.	USA	Brand KG.	Surgery	Plast Reconstr Surg. 1984 Mar;73(3):498.
1984	Experience	Experience	---	---	The safety and efficacy of breast implants for augmentation mammoplasty.	USA	McGrath MH, Burkhardt BR.	Surgery	Plast Reconstr Surg. 1984 Oct;74(4):550-60.
1984	Complication	---	---	---	Five years experience of breast augmentation using silicone gel prostheses with emphasis on capsule shrinkage.	Denmark	Brandt B, et al.	Surgery	Scand J Plast Reconstr Surg. 1984;18(3):311-6.
1985	Complication	Diagnosis	---	---	Xeromammography after augmentation mammoplasty.	Denmark	Jensen SR, Mackey JK.	Medicine	AJR Am J Roentgenol. 1985 Mar;144(3):629-33.
1985	---	Diagnosis	---	---	Carcinoma of the breast behind a prosthesis--comparison of ultrasound, mammography and MRI (case report).	Germany	Heywang SH, et al.	Medicine	Comput Radiol. 1985 Sep-Oct;9(5):283-6.
1985	Complica	---	---	---	Silicone granulomas of the breast.	Brazil	Cruz G, et al.	Medicine	N Y State J Med. 1985

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	tion								Oct;85(10):599-601.
1985	---	Technique	---	---	[Prevention of radiolesions of the small intestine by intrapelvic silicone breast prosthesis].	France	Elias D, et al.	Medicine	Presse Med. 1985 Jun 1;14(22):1241-2.
1985	Complication	Treatment	---	---	[Prevention and treatment of complications of breast endoprotheses].	Russia	Iudenich VV, Zhigalkina I Ia.	Medicine	Sov Med. 1985;(3):115-8.
1985	Complication	---	---	---	[Silicone gel does not belong in the body].	USA	Gundersen J.	Medicine	Ugeskr Laeger. 1985 Dec 9;147(50):4120.
1985	Causal Relation	---	---	---	[Tumor-forming silicone granulomas in the breast after prosthesis implantation].	Denmark	Christensen L, et al.	Medicine	Ugeskr Laeger. 1985 Nov 4;147(45):3580-1.
1985	Experience	Experience	Bleeding/Migration	---	New low-bleed implant--Silastic II.	USA	Barker DE, Retsky M, Searles SL.	Surgery	Aesthetic Plast Surg. 1985;9(1):39-41.
1985	Complication	---	---	---	Massive heterotopic ossification in breast implant capsules.	Canada	Peters WJ, Pritzker KP.	Surgery	Aesthetic Plast Surg. 1985;9(1):43-5.
1985	Complication	---	---	---	Pressure ulcer of the breast after subcutaneous mastectomy and reconstruction with prosthesis.	USA	Mendez-Fernandez MA.	Surgery	Ann Plast Surg. 1985 Feb;14(2):164-5.
1985	Complication	Diagnosis	Rupture	---	Silicone granuloma following closed capsulotomy of mammary prosthesis.	USA	Apesos J, Pope TL Jr.	Surgery	Ann Plast Surg. 1985 May;14(5):403-6.
1985	---	Technique	---	---	Primary breast reconstruction with a subpectoral silicone tissue expander.	USA	Paul MD.	Surgery	Ann Plast Surg. 1985 Nov;15(5):404-14.
1985	---	Treatment	---	---	Breast reconstruction after failed conservation.	UK	Nash AG, Taylor PR.	Surgery	Ann R Coll Surg Engl. 1985 Sep;67(5):303-5.
1985	Causal Relation	---	---	---	Relation of free silicone to human breast carcinoma.	USA	Morgenstern L, et al.	Surgery	Arch Surg. 1985 May;120(5):573-7.
1985	Complication	---	---	---	Giant cyst formation in a fibrous capsule following breast augmentation. A case report and discussion on the pathology.	UK	Missotten FE.	Surgery	Br J Plast Surg. 1985 Oct;38(4):579-82.
1985	Complication	Technique	---	---	Single-stage subcutaneous breast-prosthesis implantation and modified radical mastectomy for invasive carcinoma.	Belgium	Vandamme JP.	Surgery	Int Surg. 1985 Oct-Dec;70(4):297-300.
1985	Complication	---	---	---	Lack of adverse effect of silicone implant on sarcoidosis of the breast.	USA	Riefkohl R, et al.	Surgery	Plast Reconstr Surg. 1985 Aug;76(2):296-8.
1985	Complication	---	---	---	Mycobacterium avium infection in a silicone-injected breast.	USA	Perry RR, et al.	Surgery	Plast Reconstr Surg. 1985 Jan;75(1):104-6.
1985	Complication	---	---	---	Bacteria in the female breast.	Sweden	Ransjö U, et al.	Surgery	Scand J Plast Reconstr Surg. 1985;19(1):87-9.
1986	---	Treatment	---	---	Electron beam irradiation after reconstruction with silicone gel implant in breast cancer.	USA	Krishnan L, Krishnan EC.	Medicine	Am J Clin Oncol. 1986 Jun;9(3):223-6.
1986	---	Treatment	---	---	[Continuous intravenous or intra-arterial administration via a subcutaneous implantable infusion chamber. Preliminary clinical experiences with particular reference to intra-arterial chemotherapy].	Germany	Lorenz M, et al.	Medicine	Dtsch Med Wochenschr. 1987 Sep 4;112(36):1376-9.
1986	---	Treatment	---	---	Breast irradiation following silicone gel implants.	USA	Jacobson GM, et al.	Medicine	Int J Radiat Oncol Biol Phys. 1986 May;12(5):835-8.
1986	Complication	Technique	---	---	Augmentation mammoplasty.	USA	Riddle LB.	Nursing	Nurse Pract. 1986 Mar;11(3):30-2, 34, 39-40.

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1986	---	Technique	---	---	Tissue expansion as an adjunctive technique for the management of difficult wounds.	USA	Sellers DS, Miller SH, Demuth RJ.	Surgery	Am J Surg. 1986 May;151(5):603-6.
1986	Risk/Safety	Technique	---	---	Modified radical mastectomy with immediate breast reconstruction.	USA	Feller WF, et al.	Surgery	Am Surg. 1986 Mar;52(3):129-33.
1986	Causal Relation	---	---	---	[Prostheses and complications of silicones].	France	Bricout N, et al.	Surgery	Ann Chir Plast Esthet. 1986;31(3):268-71.
1986	---	Technique	---	---	[Our experience with subcutaneous mastectomy followed by immediate or delayed reconstruction. Apropos of 49 cases].	Egypt	Méline F, Kassab S.	Surgery	Ann Chir Plast Esthet. 1986;31(4):366-73.
1986	---	---	---	Sociology	[Must we prohibit silicones?].	France	Glicenstein J.	Surgery	Ann Chir Plast Esthet. 1986;31(4):398.
1986	Complication	Treatment	---	---	Salvage of the exposed breast implant.	USA	Weber J Jr, Hentz RV.	Surgery	Ann Plast Surg. 1986 Feb;16(2):106-10.
1986	Complication	---	---	---	Amelioration of capsular contracture by motion restriction.	USA	Marshall WR.	Surgery	Ann Plast Surg. 1986 Mar;16(3):211-9.
1986	Complication	---	Bleeding/Migration	---	The influence of silicone bleed on capsule contracture.	USA	Caffee HH.	Surgery	Ann Plast Surg. 1986 Oct;17(4):284-7.
1986	Complication	---	---	---	Capsule around silicone implants in diabetic rats: histological and biochemical study.	Israel	Peled IJ, et al.	Surgery	Ann Plast Surg. 1986 Oct;17(4):288-91.
1986	Complication	---	---	---	Paget's disease of the nipple after subcutaneous mastectomy for cancer with primary reconstruction.	UK	Shearman CP, Watts GT.	Surgery	Ann R Coll Surg Engl. 1986 Jan;68(1):17-8.
1986	---	Technique	---	---	Post-mastectomy breast reconstruction using the inflatable tissue expander.	China	Chisholm EM, et al.	Surgery	Br J Surg. 1986 Oct;73(10):817-20.
1986	---	Technique	---	---	[Breast reconstruction with the transverse abdominal island flap].	Canada	Jastrzebski J, Huber P.	Surgery	Handchir Mikrochir Plast Chir. 1986 Jan;18(1):16-8.
1986	Complication	---	---	---	[Capsule fibrosis in silicone implants].	Germany	Stock W, Wolf K.	Surgery	Langenbecks Arch Chir. 1986;369:303-8.
1986	---	Technique	---	---	Buried transverse abdominal myocutaneous flap and silicone implants to reconstruct pectus excavatum and bilateral mastectomy deformity.	USA	Rudolph R.	Surgery	Plast Reconstr Surg. 1986 Dec;78(6):817-9.
1986	Causal Relation	---	---	---	Chronic arthropathy occurring after augmentation mammoplasty.	USA	Weiner SR, Paulus HE.	Surgery	Plast Reconstr Surg. 1986 Feb;77(2):185-92.
1986	Causal Relation	---	---	---	Human adjuvant disease, possible autoimmune disease after silicone implantation: a review of the literature, case studies, and speculation for the future.	USA	Sergott TJ, et al.	Surgery	Plast Reconstr Surg. 1986 Jul;78(1):104-14.
1986	Complication	---	---	---	Late breast pain following reconstruction with polyurethane-covered implants.	USA	Jabaley ME, Das SK.	Surgery	Plast Reconstr Surg. 1986 Sep;78(3):390-5.
1986	---	Technique	---	---	Absent latissimus dorsi muscle and anhidrotic axilla in Poland's syndrome. Case report.	Sweden	Holmström H, Suurküla M, Lossing C.	Surgery	Scand J Plast Reconstr Surg. 1986;20(3):313-8.
1987	---	Diagnosis	---	---	Ultrasonographic localization of breast tissue expander valves.	USA	Darnell EK, Demars RV.	Medical Devices	J Ultrasound Med. 1987 Sep;6(9):531-4.
1987	---	Technique	---	---	Auto seat restraint soft-tissue injury.	USA	Pennes DR, Phillips WA.	Medicine	AJR Am J Roentgenol. 1987 Feb;148(2):458.
1987	Complica	---	---	---	[Autoimmune phenomena after silicone	Austria	Kaiser W.	Medicine	Dtsch Med Wochenschr.

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	tion				implantation].		Biesenbach G, Zazgornik J.		1987 Sep 4;112(36):1376-9.
1987	---	Treatment	---	---	Treatment of non-neoplastic nipple discharge with fibrin adhesive.	Germany	Höckel M, Klose KJ.	Medicine	Lancet. 1987 Aug 8;2(8554):331-2.
1987	---	Technique	---	---	Plastic surgical procedures related to breast disease.	USA	Lanigan ED.	Medicine	Obstet Gynecol Clin North Am. 1987 Sep;14(3):761-81.
1987	Complication	---	---	---	[Autoimmune pathology and esthetic surgery. Apropos of a case].	France	Roux H, et al.	Medicine	Rev Med Interne. 1987 Nov-Dec;8(5):475-80.
1987	Causal Relation	---	---	---	Silicone and rheumatic diseases.	USA	Endo LP, et al.	Medicine	Semin Arthritis Rheum. 1987 Nov;17(2):112-8.
1987	---	Treatment	---	---	The place of progesterone in human contraception.	Chile	Croxatto HB, Díaz S.	Science	J Steroid Biochem. 1987;27(4-6):991-4.
1987	Complication	Technique	---	---	[Recent advances in breast reconstruction].	Belgium	Lejour M, et al.	Surgery	Acta Chir Belg. 1987 Mar-Apr;87(2):129-36.
1987	---	Treatment	---	---	Infected Meme implants: salvage reconstruction with latissimus dorsi myocutaneous flaps and silicone implants.	USA	Okunski WJ, Chowdary RP.	Surgery	Aesthetic Plast Surg. 1987;11(1):49-51.
1987	---	---	Rupture	---	[Rupture of a breast prosthesis with leakage of silicone].	France	Reynaud JP, et al.	Surgery	Ann Chir Plast Esthet. 1987;32(4):367-9.
1987	Complication	Treatment	---	---	Vitamin E and capsule contracture.	USA	Caffee HH.	Surgery	Ann Plast Surg. 1987 Dec;19(6):512-4.
1987	Complication	---	---	---	Outcome of mammary capsulotomies.	Canada	Moufarrege R, et al.	Surgery	Ann Plast Surg. 1987 Jul;19(1):62-4.
1987	Causal Relation	---	---	---	Cystosarcoma phylloides treated by excision and immediate reconstruction with silicon implant.	Israel	Orenstein A, Tsur H.	Surgery	Ann Plast Surg. 1987 Jun;18(6):520-3.
1987	---	---	Bleeding/Migration	---	Silicone bleed associated with double-lumen breast prostheses.	USA	Cocke WM Jr, Sampson HW.	Surgery	Ann Plast Surg. 1987 Jun;18(6):524-6.
1987	Complication	---	---	---	Observations of cell function and morphology in the presence of silicone gel: an in vitro study.	USA	Cocke WM Jr, Sampson HW, Quarles JM.	Surgery	Ann Plast Surg. 1987 Nov;19(5):406-8.
1987	Complication	---	---	---	Breast carcinoma post-augmentation mammoplasty: therapy with limited surgery and radiation.	Canada	Lafreniere R, Ketcham AS.	Surgery	J Surg Oncol. 1987 Jun;35(2):99-103.
1987	---	Technique	---	---	Eyelid reconstruction using temporary tissue expanders and cartilage grafts.	USA	Garber PF, Lukash FN.	Surgery	Ophthal Plast Reconstr Surg. 1987;3(4):253-7.
1987	---	Technique	---	---	Staged use of soft-tissue expansion and lower thoracic advancement flap in breast reconstruction.	USA	May JW Jr, Attwood J, Bartlett S.	Surgery	Plast Reconstr Surg. 1987 Feb;79(2):272-7.
1987	---	Diagnosis	Rupture	---	Radiographic evidence of breast implant rupture.	China	Ho WC.	Surgery	Plast Reconstr Surg. 1987 Jun;79(6):1009-10.
1987	Complication	---	---	---	Chronic infection as a possible cause of capsular contracture.	Switzerland	Hurwitz PJ.	Surgery	Plast Reconstr Surg. 1987 Mar;79(3):504-5.
1987	Risk/Safety	Technique	---	---	Implant injector for retropectoral augmentation.	Germany	Eckert P.	Surgery	Plast Reconstr Surg. 1987 Oct;80(4):622-5.
1987	---	Technique	---	---	An improved technique for immediate retropectoral reconstruction after subcutaneous mastectomy.	Switzerland	Maillard GF, Garey LJ.	Surgery	Plast Reconstr Surg. 1987 Sep;80(3):396-408.
1987	Causal Relation	---	Rupture	---	Pleural effusion after rupture of silicone bag mammary prosthesis.	Australia	Stevens WM, et al.	Surgery	Thorax. 1987 Oct;42(10):825-6.

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1987	Experience	Experience	---	---	[The use of Chinese-made silicon gel capsules in mammoplasty].	China	Yang PY.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1987 Dec;3(4):259-61.
1988	---	Technique	---	---	Breast reconstruction after mastectomy.	Denmark	Krag C.	Medicine	Acta Oncol. 1988;27(6A):687-90.
1988	Complication	---	Rupture	---	Silicone lymphadenopathy associated with augmentation mammoplasty. Morphologic features of nine cases.	USA	Truong LD, et al.	Medicine	Am J Surg Pathol. 1988 Jun;12(6):484-91.
1988	Complication	---	---	---	Human adjuvant disease following augmentation mammoplasty.	USA	Brozena SJ, et al.	Medicine	Arch Dermatol. 1988 Sep;124(9):1383-6.
1988	---	Diagnosis	Rupture	---	Ruptured breast implant: computed tomographic and mammographic findings.	Canada	Scott IR, et al.	Medicine	Can Assoc Radiol J. 1988 Jun;39(2):152-4.
1988	Causal Relation	---	---	---	Silicone breast implants--a cancer threat?	USA	Knize DM.	Medicine	Colo Med. 1988 Dec 1;85(22):487.
1988	Risk/Safety	---	---	---	Information on the safety of breast implants. The American Society of Plastic and Reconstructive Surgeons and the American Society for Aesthetic Plastic Surgery.	USA	[No authors listed]	Medicine	Colo Med. 1988 Dec 1;85(22):487.
1988	Complication	---	---	---	Scleroderma after silicone augmentation mammoplasty.	USA	Spiera H.	Medicine	JAMA. 1988 Jul 8;260(2):236-8.
1988	Causal Relation	---	---	---	Scleroderma after silicone augmentation mammoplasty.	?	[No authors listed]	Medicine	JAMA. 1988 Nov 25;260(20):3008.
1988	---	Treatment	---	---	Breast irradiation for recurrence in a patient with a silicone implant.	USA	Liskow A.	Medicine	Oncology (Williston Park). 1988 May;2(5):58.
1988	---	Technique	---	---	Breast reconstruction after mastectomy.	USA	Bostwick J 3rd.	Medicine	Semin Surg Oncol. 1988;4(4):274-9.
1988	---	Technique	---	---	[Mammoplasty using silicone endoprostheses].	Russia	Lukomskiĭ GI, et al.	Medicine	Vestn Khir Im I I Grek. 1988 Jan;140(1):121-2.
1988	---	---	Bleeding/Migration	---	Re: Cocke and Sampson: silicone bleed associated with double-lumen breast prostheses.	?	[No authors listed]	Surgery	Ann Plast Surg. 1988 Apr;20(4):399-400.
1988	---	Treatment	---	---	Postoperative radiation and implant capsule contraction.	USA	Caffee HH, et al.	Surgery	Ann Plast Surg. 1988 Jan;20(1):35-8.
1988	---	Technique	---	---	Breast reconstruction with a subcutaneous tissue expander followed with a polyurethane-covered silicone breast implant.	USA	Artz JS, Dinner MI, Sampliner J.	Surgery	Ann Plast Surg. 1988 Jun;20(6):517-21.
1988	Causal Relation	---	---	---	Mondor's disease in plastic surgery patients.	USA	Green RA, Dowden RV.	Surgery	Ann Plast Surg. 1988 Mar;20(3):231-5.
1988	Complication	---	---	---	Breast cancer in a patient with silicone breast implants after 13 years.	USA	Bingham HG, et al.	Surgery	Ann Plast Surg. 1988 Mar;20(3):236-7.
1988	Experience	Experience	---	---	Nine-year experience with subpectoral breast reconstruction after subcutaneous mastectomy in 98 patients utilizing saline-inflatable prostheses.	USA	Schuster DI, Lavine DM.	Surgery	Ann Plast Surg. 1988 Nov;21(5):444-51.
1988	Complication	---	---	---	Breast cancer in women after augmentation mammoplasty.	USA	Silverstein MJ, et al.	Surgery	Arch Surg. 1988 Jun;123(6):681-5.
1988	---	Technique	---	---	Reconstruction of breast after super-radical mastectomy with a pedicled latissimus dorsi flap and a free TRAM flap.	Japan	Harashina T, et al.	Surgery	Br J Plast Surg. 1988 Jul;41(4):361-5.
1988	Risk/Safe	---	---	---	[Local and general risks of silicone	France	Bricout N, et al.	Surgery	Chirurgie.

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	ty				implants].				1988;114(7-8):538-44.
1988	---	Technology	Rupture	---	Silicone technology for the plastic surgeon.	USA	Brody GS.	Surgery	Clin Plast Surg. 1988 Oct;15(4):517-20.
1988	---	Technology	---	---	Foam-covered mammary implants.	USA	Brand KG.	Surgery	Clin Plast Surg. 1988 Oct;15(4):533-9.
1988	---	Treatment	---	---	A 5-year experience with polyurethane-covered mammary prostheses for treatment of capsular contracture, primary augmentation mammoplasty, and breast reconstruction.	USA	Hester TR Jr, et al..	Surgery	Clin Plast Surg. 1988 Oct;15(4):569-85.
1988	---	Technique	---	---	Juvenile gigantomastia.	Israel	Samuelov R, Siplovich L.	Surgery	J Pediatr Surg. 1988 Nov;23(11):1014-5.
1988	---	Technique	---	---	Laser silicone flash.	USA	Becker DW Jr.	Surgery	Plast Reconstr Surg. 1988 Apr;81(4):600.
1988	Experience	Experience	---	---	Experience with polyurethane-covered silicone-gel implants.	USA	Wells RL.	Surgery	Plast Reconstr Surg. 1988 Jul;82(1):193.
1988	Causal Relation	---	---	---	Connective-tissue disease following breast augmentation: a preliminary test of the human adjuvant disease hypothesis.	USA	Weisman MH, et al.	Surgery	Plast Reconstr Surg. 1988 Oct;82(4):626-30.
1988	Complication	Technique	---	---	Augmentation mammoplasty by cadaver fat allografts.	USA	Rosen PB, Hugo NE.	Surgery	Plast Reconstr Surg. 1988 Sep;82(3):525-6.
1988	---	Diagnosis	---	---	Silicon in human breast tissue surrounding silicone gel prostheses. A scanning electron microscopy and energy dispersive X-ray investigation of normal, fibrocystic and peri-prosthetic breast tissue.	Denmark	Winding O, et al.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 1988;22(2):127-30.
1988	---	Technique	---	---	[Reconstruction of the breast by silicon rubber prosthesis implantation immediately after subcutaneous mastectomy--report of 7 cases].	China	Zhou SJ.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1988 Dec;4(4):245-6, 248, 315.
1989	---	Treatment	---	---	Dose delivered by secondary electrons radiated by metallic objects implanted in human tissue during radiation therapy using high energy photons.	India	Rao KS.	Medicine	Acta Med Pol. 1989;30(3-4):147-67.
1989	Complication	Technique	---	---	[Breast reconstruction after mastectomy. Critical analysis of 240 cases].	Brazil	Carramaschi F, et al.	Medicine	AMB Rev Assoc Med Bras. 1989 Jan-Feb;35(1):15-9.
1989	Complication	---	---	---	[Retroperitoneal and mediastinal fibrosis complicating periarteritis nodosa].	France	Bourgault I, et al.	Medicine	Ann Dermatol Venereol. 1989;116(11):824-5.
1989	Causal Relation	---	Bleeding/Migration	---	Systemic sclerosis after augmentation mammoplasty with silicone implants.	USA	Varga J, Schumacher HR, Jimenez SA.	Medicine	Ann Intern Med. 1989 Sep 1;111(5):377-83.
1989	Causal Relation	---	---	---	Human adjuvant disease. A new cause of chylous effusions.	USA	Walsh FW, et al.	Medicine	Arch Intern Med. 1989 May;149(5):1194-6.
1989	Complication	---	---	---	Androstenedione and androst-5-ene-3 beta,17 beta-diol stimulate DMBA-induced rat mammary tumors--role of aromatase.	Canada	Dauvois S, Labrie F.	Medicine	Breast Cancer Res Treat. 1989 Jan;13(1):61-9.
1989	---	Technique	---	---	Breast reconstruction following mastectomy.	USA	Bostwick J 3rd.	Medicine	CA Cancer J Clin. 1989 Jan-Feb;39(1):40-9.
1989	Complication	---	---	---	Anticardiolipin syndrome in plastic surgery of the breast.	Czech	Alusik S, et al.	Medicine	Cor Vasa. 1989;31(2):139-44.

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1989	---	Diagnosis	---	---	[Sonographic findings in silicone-induced granulomas and lymphadenopathy following mammaplastic surgery].	Germany	Herzog P, et al.	Medicine	Dtsch Med Wochenschr. 1989 Jul 28;114(30):1157-60.
1989	---	Technique	---	---	[Causes of perceptible breast asymmetry and post-pubertal management].	Finland	Rintala AE, Nordström RE.	Medicine	Duodecim. 1989;105(8):764-71.
1989	Complication	---	---	---	First observation of hopeite and parascholzite in fibrous capsules surrounding silicone breast implants.	Canada	Rolland C, et al.	Medicine	Int J Artif Organs. 1989 Mar;12(3):180-8.
1989	---	Diagnosis	---	---	Mammography after prosthesis placement for augmentation or reconstructive mammaplasty.	USA	Dershaw DD, Chaglassian TA.	Medicine	Radiology. 1989 Jan;170(1 Pt 1):69-74.
1989	Complication	---	---	---	Calcification of breast implant capsule.	USA	Young VL, et al.	Medicine	South Med J. 1989 Sep;82(9):1171-3.
1989	Experience	Experience	Rupture	---	[Silicone breast implants].	Denmark	Nielsen M, et al.	Medicine	Ugeskr Laeger. 1989 Dec 18;151(51):3470-3.
1989	Complication	---	Rupture	---	Nondestructive investigations on ninety-seven surgically excised mammary prostheses.	Canada	Rolland C, et al.	Science	J Biomed Mater Res. 1989 Dec;23(A3 Suppl):285-98.
1989	---	Technique	---	---	Immediate reconstruction after subcutaneous mastectomy.	Switzerland	Maillard GF, Garey LJ.	Surgery	Aesthetic Plast Surg. 1989 Winter;13(1):23-6.
1989	Complication	---	---	---	Immediate breast reconstruction with subpectoral implantation after transaxillary subcutaneous mastectomy for siliconoma.	Japan	Megumi Y.	Surgery	Aesthetic Plast Surg. 1989 Winter;13(1):27-32.
1989	---	Treatment	---	---	Correction of established capsular contractures with polyurethane implants.	USA	Hoffman S.	Surgery	Aesthetic Plast Surg. 1989 Winter;13(1):33-40.
1989	Complication	---	---	---	Adherence of microorganisms to breast prostheses: an in vitro study.	USA	Sanger JR, et al.	Surgery	Ann Plast Surg. 1989 Apr;22(4):337-42.
1989	---	Technique	---	---	Re: Artz et al: Breast reconstruction with a subcutaneous tissue expander followed with a polyurethane-covered silicone breast implant.	Israel	Shafir R, Weiss J, Herman O.	Surgery	Ann Plast Surg. 1989 Apr;22(4):366.
1989	Experience	Experience	---	---	Familial Poland's syndrome.	USA	Darian VB, et al.	Surgery	Ann Plast Surg. 1989 Dec;23(6):531-7.
1989	---	Diagnosis	Rupture	---	Ultrasound mammography in prosthesis-related breast augmentation complications.	South Africa	van Wingerden JJ, van Staden MM.	Surgery	Ann Plast Surg. 1989 Jan;22(1):32-5.
1989	Complication	Treatment	---	---	Preoperative and postoperative considerations in elective breast operations.	USA	Cathcart RS 3rd, Hagerty RC.	Surgery	Ann Plast Surg. 1989 Jun;22(6):533-8.
1989	Complication	---	---	---	Types of collagen in breast capsules.	USA	Marshall WR, et al.	Surgery	Ann Plast Surg. 1989 Nov;23(5):401-5.
1989	---	Technique	---	---	Breast reduction in the male-to-female transsexual.	USA	Kaczynski A, et al.	Surgery	Ann Plast Surg. 1989 Oct;23(4):323-6.
1989	---	Technique	Rupture	---	A simple technique for removing a silastic gel-filled breast implant through the axillary approach.	UK	Matti BA, Nicolle FV.	Surgery	Br J Plast Surg. 1989 Sep;42(5):613-4.
1989	---	Technique	---	---	[Breast reconstruction only by implant of a silicone gel prosthesis, possibly following tissue stretching by an expander].	Germany	Biemer E.	Surgery	Chirurg. 1989 Sep;60(9):611-3.
1989	Causal	---	---	---	Breast carcinoma around a silicone	UK	Fraser S, Phipps	Surgery	J R Coll Surg Edinb. 1989

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	Relation				prosthesis--back to basics.		R, Perry PM.		Jun;34(3):164.
1989	---	Technique	---	---	[Mastectomy and primary breast reconstruction].	Germany	Mühlbauer W.	Surgery	Langenbecks Arch Chir Suppl II Verh Dtsch Ges Chir. 1989;915-20.
1989	---	Technique	---	---	[Surgical procedure for secondary breast reconstruction after mastectomy].	Germany	Bohmert H.	Surgery	Langenbecks Arch Chir Suppl II Verh Dtsch Ges Chir. 1989;921-4.
1989	Complication	Diagnosis	---	---	Measurement of capsular contracture: the conventional breast implant and the Pittsburgh implant.	USA	Cherup LL, et al.	Surgery	Plast Reconstr Surg. 1989 Dec;84(6):893-901; discussion 902.
1989	---	Diagnosis	Rupture	---	The diagnosis of ruptured breast implants.	USA	Andersen B, et al.	Surgery	Plast Reconstr Surg. 1989 Dec;84(6):903-7.
1989	Causal Relation	---	---	---	Scleroderma after silicone augmentation mammoplasty: is there a causative relationship?	USA	Jankauskas S.	Surgery	Plast Reconstr Surg. 1989 Jan;83(1):198.
1989	Risk/Safety	---	---	---	Suction lipoplasty of silicone-injected breasts: a warning.	USA	Vinnik CA.	Surgery	Plast Reconstr Surg. 1989 May;83(5):926-7.
1989	---	Diagnosis	---	---	The effect of breast implants on the radiographic detection of microcalcification and soft-tissue masses.	USA	Gumucio CA, et al.	Surgery	Plast Reconstr Surg. 1989 Nov;84(5):772-8; discussion 779-82.
1989	---	Diagnosis	---	---	Silicone granulomas: detection by ultrasonography.	Germany	Herzog P.	Surgery	Plast Reconstr Surg. 1989 Nov;84(5):856-7.
1989	Complication	---	Surface Type	---	Smooth vs. rough: an 8-year survey of mammary prostheses.	USA	Shapiro MA.	Surgery	Plast Reconstr Surg. 1989 Sep;84(3):449-57.
1989	Complication	Technique	---	---	Results of subglandular breast augmentation using a new classification method--18-year follow-up.	Sweden	Gylbert L, et al.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 1989;23(2):133-6.
1989	Complication	Diagnosis	---	---	Constant compression caliper for objective measurement of breast capsular contracture.	Sweden	Gylbert L, Berggren A.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 1989;23(2):137-42.
1989	---	Diagnosis	---	---	Applanation tonometry for the evaluation of breast compressibility.	Sweden	Gylbert LO.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 1989;23(3):223-9.
1989	Complication	Technique	---	---	[Breast repair using a silicone gel-filled prosthesis. Report of 21 cases].	China	Zhuang QP.	Surgery	Zhonghua Wai Ke Za Zhi. 1989 Oct;27(10):617-9, 639.
1990	---	Diagnosis	---	---	Silicone lymphadenopathy in a patient with a mammary prosthesis. Fine needle aspiration cytology, histology and analytical electron microscopy.	USA	Tabatowski K, Elson CE, Johnston WW.	Medicine	Acta Cytol. 1990 Jan-Feb;34(1):10-4.
1990	Complication	---	---	---	Progressive systemic sclerosis complicated by severe hypertension: reversal after silicone implant removal.	USA	Gutiérrez FJ, Espinoza LR.	Medicine	Am J Med. 1990 Sep;89(3):390-2.
1990	Causal Relation	---	---	---	Human adjuvant disease: remission of silicone induced autoimmune disease after explanation of breast augmentation.	Austria	kaiser W, et al.	Medicine	Ann Rheum Dis. 1990 Nov;49(11):937-8.
1990	Complication	---	---	---	Scleroderma following augmentation mammoplasty. Report of a case and review of the literature.	USA	Sahn EE, et al.	Medicine	Arch Dermatol. 1990 Sep;126(9):1198-202.
1990	Causal Relation	---	---	---	Augmentation mammoplasty and scleroderma. Is there an association?	USA	Varga J, Jimenez SA.	Medicine	Arch Dermatol. 1990 Sep;126(9):1220-2.
1990	Complication	Treatme	---	---	Silicone implant to prevent visceral	UK	Ball AB, et al.	Medicine	Br J Radiol. 1990

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	tion	nt			damage during adjuvant radiotherapy for retroperitoneal sarcoma.				May;63(749):346-8.
1990	---	Diagnosis	---	---	Breast cancer diagnosis and prognosis in women augmented with silicone gel-filled implants.	USA	Silverstein MJ, et al.	Medicine	Cancer. 1990 Jul 1;66(1):97-101.
1990	---	Treatment	---	---	Radiation therapy after breast augmentation or reconstruction in early or recurrent breast cancer.	USA	Ryu J, et al.	Medicine	Cancer. 1990 Sep 1;66(5):844-7.
1990	Causal Relation	---	---	---	Reactions at silicone-injected sites on the face associated with silicone breast implant "inflammation" or "rejection".	USA	Fisher AA.	Medicine	Cutis. 1990 Jun;45(6):393-5.
1990	Causal Relation	---	---	---	Silicone and breast cancer.	Italy	Amichetti M, et al.	Medicine	Eur J Surg Oncol. 1990 Oct;16(5):468-9.
1990	Causal Relation	---	---	---	Silicone breast implants--is there cause for concern?	USA	Van Natta BW, et al.	Medicine	Indiana Med. 1990 Mar;83(3):184-5.
1990	---	Technique	---	---	Parry-Romberg syndrome in association with contralateral Poland syndrome.	USA	Dintiman BJ, et al.	Medicine	J Am Acad Dermatol. 1990 Feb;22(2 Pt 2):371-3.
1990	Complication	---	---	---	Complications of augmentation mammoplasty and their treatment.	USA	Hagerty RC, Gould WL.	Medicine	J S C Med Assoc. 1990 Oct;86(10):545-9.
1990	Risk/Safety	---	---	---	Breast augmentation--is there a risk?	USA	LeRoy EC.	Medicine	J S C Med Assoc. 1990 Oct;86(10):556-8.
1990	Complication	Technique	---	---	[Our experience with reconstruction of the breast].	Poland	Krauss M, Potocki JL.	Medicine	Pol Tyg Lek. 1990 Nov 19-26;45(47-48):961-4.
1990	Complication	---	---	---	Scleroderma after silicone augmentation mammoplasty. A report of 2 cases.	South Africa	Marik PE, et al.	Medicine	S Afr Med J. 1990 Feb 17;77(4):212-3.
1990	---	Technique	---	---	Augmentation mammoplasty.	New Zealand	Williams L, Peters CR.	Nursing	Plast Surg Nurs. 1990 Spring;10(1):20, 25-7.
1990	Complication	Technique	---	---	Augmenting the narrow-based breast: the unfurling technique to prevent the double-bubble deformity.	USA	Puckett CL, Concannon MJ.	Surgery	Aesthetic Plast Surg. 1990 Winter;14(1):15-9.
1990	Complication	---	---	---	[Recurrent periprosthetic capsular retraction under the pectoralis major muscle. Treatment, 2 unusual clinical cases].	France	Wilk A, et al.	Surgery	Ann Chir Plast Esthet. 1990;35(6):504-9.
1990	---	---	Property	---	Intraluminal cyclosporine A reduces capsular thickness around silicone implants in rats.	Germany	Stark GB, Göbel M, Jaeger K.	Surgery	Ann Plast Surg. 1990 Feb;24(2):156-61.
1990	---	Technique	---	---	Polyurethane nipple prosthesis.	USA	Hallock GG.	Surgery	Ann Plast Surg. 1990 Jan;24(1):80-5.
1990	Complication	---	Surface Type	---	Textured silicone and capsule contracture.	USA	Caffee HH.	Surgery	Ann Plast Surg. 1990 Mar;24(3):197-9.
1990	Experience	Experience	---	---	Clinical experience with immediate breast reconstruction using tissue expansion or transverse rectus abdominis musculocutaneous flaps.	USA	Rosen PB, et al.	Surgery	Ann Plast Surg. 1990 Oct;25(4):249-57.
1990	---	Technique	Bleeding/Migration	---	Lateral approach in mammary implants.	Argentina	Cachay-Velásquez H, Ale A.	Surgery	Ann Plast Surg. 1990 Oct;25(4):258-62.
1990	---	Treatment	---	---	Mastectomy and breast reconstruction preserving the nipple.	UK	Bishop CC, et al.	Surgery	Ann R Coll Surg Engl. 1990 Mar;72(2):87-9.
1990	Complication	---	---	---	Silastic prosthesis plompage for right postpneumonectomy syndrome.	USA	Riveron FA, et al.	Surgery	Ann Thorac Surg. 1990 Sep;50(3):465-6.
1990	Complication	Treatment	---	---	Preoperative antibiotics and capsular	Sweden	Gylbert L, et al.	Surgery	Plast Reconstr Surg. 1990

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	tion	nt			contracture in augmentation mammoplasty.				Aug;86(2):260-7; discussion 268-9.
1990	Experience	Experience	---	---	Long-term use of polyurethane breast prostheses: a 14-year experience.	USA	Pennisi VR.	Surgery	Plast Reconstr Surg. 1990 Aug;86(2):368-71.
1990	---	Diagnosis	---	---	Mammographic measurements before and after augmentation mammoplasty.	USA	Silverstein MJ, et al.	Surgery	Plast Reconstr Surg. 1990 Dec;86(6):1126-30.
1990	---	---	Bleeding/Migration	---	Histologic changes and silicone concentrations in human breast tissue surrounding silicone breast prostheses.	Denmark	Thomsen JL, et al.	Surgery	Plast Reconstr Surg. 1990 Jan;85(1):38-41.
1990	---	---	Material	---	Natural-Y Mème polyurethane versus smooth silicone: analysis of the soft-tissue interaction from 3 days to 1 year in the rat animal model.	USA	Picha GJ, Goldstein JA, Stohr E.	Surgery	Plast Reconstr Surg. 1990 Jun;85(6):903-16.
1990	---	---	Surface Type	---	Comparative evaluation of textured-surface implants in humans.	USA	Hamas RS.	Surgery	Plast Reconstr Surg. 1990 Jun;85(6):998-9.
1990	Complication	---	---	---	Capsular contracture after breast reconstruction with silicone-gel and saline-filled implants: a 6-year follow-up.	Sweden	Gylbert L, Asplund O, Jurell G.	Surgery	Plast Reconstr Surg. 1990 Mar;85(3):373-7.
1990	---	Treatment	---	---	Polyurethane foam-covered implants and capsular contracture: a laboratory investigation.	USA	Caffee HH, Hathaway C.	Surgery	Plast Reconstr Surg. 1990 Oct;86(4):708-10; discussion 711-4.
1990	Complication	---	---	---	[The anticardiolipin syndrome after breast reconstruction].	Czech	Alusik S, et al.	Surgery	Rozhl Chir. 1990 May;69(5):298-301.
1990	---	Treatment	---	---	[Mammoplasty. A component of the combined therapy program in the treatment of malignant breast diseases].	Germany	Pohl G.	Surgery	Zentralbl Chir. 1990;115(5):265-73.
1990	---	Technique	---	---	[Augmentation mammoplasty and an improved method of silastic gel breast prosthesis implantation through an areolar incision].	China	Song RY.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1990 Mar;6(1):2-5, 72.
1990	---	Technique	---	---	[Augmentation mammoplasty with prosthesis implantation via an axillary incision].	China	Song YG.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1990 Mar;6(1):6-7, 72.
1991	---	---	Surface Type	---	Molecular impact surface textured implants (MISTI) alter beneficially breast capsule formation at 36 months.	USA	Ersek RA.	Medical Devices	J Long Term Eff Med Implants. 1991;1(2):155-69.
1991	---	---	---	Sociology	Update on breast implants.	USA	Rheinstein PH, Hoffman FA.	Medicine	Am Fam Physician. 1991 Dec;44(6):2227-9.
1991	Complication	---	---	---	Serratia marcescens surgical wound infection following breast reconstruction.	USA	Pegues DA, et al.	Medicine	Am J Med. 1991 Sep 16;91(3B):173S-178S.
1991	Causal Relation	---	---	---	Localized morphea after silicone gel breast implantation: more evidence for a cause-and-effect relationship.	USA	Lazar AP, Lazar P.	Medicine	Arch Dermatol. 1991 Feb;127(2):263.
1991	Causal Relation	---	---	---	Silicone and rheumatic disease: replace implants or not?	USA	Vasey FB, et al.	Medicine	Arch Dermatol. 1991 Jun;127(6):907.
1991	Complication	---	---	Regulation/Sociology	Current status of silicone breast implants.	USA	Cruz NI.	Medicine	Bol Asoc Med P R. 1991 Aug;83(8):326-8.
1991	Causal Relation	---	---	---	Silicone breast implants and rheumatic disease.	USA	Germain BF.	Medicine	Bull Rheum Dis. 1991 Oct;41(6):1-5.
1991	---	Diagnosis	---	---	Imaging. Follow-up of breast cancer	USA	Strax P.	Medicine	Cancer. 1991 Sep 1;68(5

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		is			reconstruction cases.				Suppl):1157-8.
1991	---	Diagnosis	---	---	The effect of silicone-gel-filled implants on mammography.	USA	Silverstein MJ, et al.	Medicine	Cancer. 1991 Sep 1;68(5 Suppl):1159-63.
1991	Causal Relation	Diagnosis	---	---	Detection of toluenediamines in the urine of a patient with polyurethane-covered breast implants.	Canada	Chan SC, Birdsell DC, Gradeen CY.	Medicine	Clin Chem. 1991 May;37(5):756-8.
1991	---	---	---	Regulation/Sociology	The Mème implant creates a scientific storm.	Canada	Spurgeon D.	Medicine	CMAJ. 1991 Jul 1;145(1):54-60.
1991	Causal Relation	---	---	---	[Silicon-induced collagenoses].	Austria	Kaiser W.	Medicine	Dtsch Med Wochenschr. 1991 Mar 15;116(11):433-4.
1991	---	Technique	---	---	[Immediate breast reconstruction with tissue expander].	Israel	Ramon Y, et al.	Medicine	Harefuah. 1991 Jul;121(1-2):1-4.
1991	Causal Relation	---	---	---	[Three cases of chronic polyarthritis after silicon implantation (breast augmentation): causal relationship?].	Germany	Hammer M, Krippner H.	Medicine	Immun Infekt. 1991 Apr;19(2):62-3.
1991	---	Treatment	---	---	Radiotherapy and breast reconstruction: clinical results and dosimetry.	USA	Kuske RR, et al..	Medicine	Int J Radiat Oncol Biol Phys. 1991 Jul;21(2):339-46.
1991	Causal Relation	---	---	---	Is silicone associated with connective tissue disease?	USA	Seleznick MJ, et al.	Medicine	J Fla Med Assoc. 1991 Feb;78(2):85-7.
1991	Complication	---	---	---	Mycoplasma hominis infection of a breast prosthesis.	UK	Sanyal D, Thurston C.	Medicine	J Infect. 1991 Sep;23(2):210-1.
1991	---	Technique	---	---	Breast reconstruction following mastectomy: an update.	USA	Elliott LF, et al.	Medicine	J Med Assoc Ga. 1991 Nov;80(11):607-15.
1991	Causal Relation	---	---	Regulation/Sociology	Breast augmentation: a current controversy.	USA	Given KS, Stowers RG.	Medicine	J Med Assoc Ga. 1991 Nov;80(11):617-20.
1991	---	---	---	Sociology	Breast implants.	USA	Hagerty RC, Gould WL.	Medicine	J S C Med Assoc. 1991 Oct;87(10):518.
1991	Complication	---	---	---	A case of malignant hypertension and scleroderma after cosmetic surgery.	Japan	Hitoshi S, et al.	Medicine	Jpn J Med. 1991 Jan-Feb;30(1):97-100.
1991	---	Diagnosis	---	---	Three-dimensional gadolinium-enhanced MR imaging of the breast: pulse sequence with fat suppression and magnetization transfer contrast. Work in progress.	USA	Pierce WB, et al.	Medicine	Radiology. 1991 Dec;181(3):757-63.
1991	Complication	Treatment	---	---	[Inadequate indications for the use of mammary prosthesis: treatment of complications].	Brazil	Lodovici O, et al..	Medicine	Rev Hosp Clin Fac Med Sao Paulo. 1991 May-Jun;46(3):133-6.
1991	Risk/Safety	Technique	---	---	[Augmentation mammaplasty using miniprosthesis].	Brazil	Villano JB.	Medicine	Rev Paul Med. 1991 May-Jun;109(3):119-22.
1991	---	Diagnosis	---	---	Roentgenographic evaluation of the augmented breast.	USA	Douglas KP, et al.	Medicine	South Med J. 1991 Jan;84(1):49-54.
1991	---	Diagnosis	---	Regulation/Sociology	Effect of breast implants on mammography.	USA	Young VL, et al.	Medicine	South Med J. 1991 Jun;84(6):707-14.
1991	Complication	Technique	---	---	[Breast augmentation by implants].	Norway	Dillerud E.	Medicine	Tidsskr Nor Laegeforen. 1991 Oct 10;111(24):2952-6.
1991	Complication	---	---	---	[Late reactions following implantation of silicone prostheses].	Austria	Kaiser W, Zazgornik J.	Medicine	Urologe A. 1991 Sep;30(5):302-5.
1991	Risk/Safe	---	---	---	Implanting risks.	?	Hempel S.	Nursing	Nurs Times. 1991 Oct

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	ty								30-Nov 5;87(44):18-9.
1991	---	---	---	Regulation/Sociology	FDA agrees to allow breast implants to remain on market: silicone gel not conclusively linked to cancer.	USA	Daugherty AN.	Nursing	Tenn Nurse. 1991 Dec;54(6):13.
1991	---	Diagnosis	---	---	Polyurethane-covered mammary prosthesis: a nine year follow-up assessment.	USA	Szycher M, Siciliano AA.	Science	J Biomater Appl. 1991 Apr;5(4):282-322.
1991	Risk/Safety	---	---	Regulation/Sociology	Silicone gel-filled breast prostheses; silicone inflatable breast prostheses: patient risk information--FDA. Notice.	?	[No authors listed]	Sociology	Fed Regist. 1991 Sep 26;56(187):49098-9.
1991	---	---	---	Regulation/Sociology	Medical device regulation: silicone breast implant dangers.	USA	Margolis RE.	Sociology	Healthspan. 1991 Jan;8(1):20-2.
1991	---	---	Material	---	Breast augmentation and the implant mania.	USA	Habal MB.	Surgery	Aesthetic Plast Surg. 1991 Spring;15(2):129-31.
1991	---	---	Rupture	---	Silicone gel granuloma following compressive mammography.	USA	Williams CW.	Surgery	Aesthetic Plast Surg. 1991 Winter;15(1):49-51.
1991	Experience	Experience	---	---	Evaluation of long-term results in breast reconstruction using the latissimus dorsi flap.	Switzerland	Tschopp H.	Surgery	Ann Plast Surg. 1991 Apr;26(4):328-40.
1991	Complication	---	---	---	Analysis of silicon in human breast and capsular tissue surrounding prostheses and expanders.	USA	Jennings DA, et al.	Surgery	Ann Plast Surg. 1991 Dec;27(6):553-8.
1991	Complication	---	---	---	Firestorm fibrosis: the fast fibrotic phenomenon.	USA	Ersek RA.	Surgery	Ann Plast Surg. 1991 May;26(5):494-8.
1991	---	Treatment	---	---	Steroid and benzyl alcohol diffusion through tissue expanders and double lumen breast implants.	USA	Berman DE, et al.	Surgery	Ann Plast Surg. 1991 Oct;27(4):316-20.
1991	Complication	Diagnosis	---	---	Validation of quantification of breast implant capsule surface area and volume using magnetic resonance imaging.	USA	Nachbar JM, Orrison WW Jr.	Surgery	Ann Plast Surg. 1991 Oct;27(4):321-6.
1991	Complication	---	---	---	In vitro adhesion of endogenous skin microorganisms to breast prostheses.	USA	Jennings DA, et al.	Surgery	Ann Plast Surg. 1991 Sep;27(3):216-20.
1991	---	Technology	---	---	An improved nipple prosthesis.	UK	Sainsbury R, et al.	Surgery	Ann R Coll Surg Engl. 1991 Mar;73(2):67-9.
1991	---	---	Surface Type	---	Textured or smooth implants for breast augmentation? A prospective controlled trial.	UK	Coleman DJ, Foo IT, Sharpe DT.	Surgery	Br J Plast Surg. 1991 Aug-Sep;44(6):444-8.
1991	Complication	---	---	---	Toxic shock syndrome following insertion of breast prostheses.	Denmark	Olesen LL, et al.	Surgery	Br J Surg. 1991 May;78(5):585-6.
1991	---	Technique	---	---	Male chest correction. Pectoral implants and gynecomastia.	USA	Aiache AE.	Surgery	Clin Plast Surg. 1991 Oct;18(4):823-8.
1991	---	Technique	---	---	[Prosthetic reconstruction of the thoracic wall after resection for cancer].	Italy	Picciochi A, et al.	Surgery	G Chir. 1991 Mar;12(3):146-8.
1991	Causal Relation	---	---	---	The incidence of sarcomas of the breast among women in the United States, 1973-1986.	USA	May DS, Stroup NE.	Surgery	Plast Reconstr Surg. 1991 Jan;87(1):193-4.
1991	---	---	Material	---	Interrelationship of capsule thickness and breast hardness confirmed by a new measurement method.	USA	Ersek RA, et al.	Surgery	Plast Reconstr Surg. 1991 Jun;87(6):1069-73.
1991	---	Diagnosis	Rupture	---	Definitive diagnosis of breast implant rupture by ultrasonography.	France	Levine RA, Collins TL.	Surgery	Plast Reconstr Surg. 1991 Jun;87(6):1126-8.
1991	---	---	Material	---	Analysis of the soft-tissue response to	USA	Picha GJ,	Surgery	Plast Reconstr Surg. 1991

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			l		components used in the manufacture of breast implants: rat animal model.		Goldstein JA.		Mar;87(3):490-500.
1991	---	---	Surface Type	---	Porex smooth-walled silicone gel-filled breast implants.	Australia	Jones FR.	Surgery	Plast Reconstr Surg. 1991 Mar;87(3):588.
1991	Complication	Treatment	---	---	Conservation therapy for breast cancer following augmentation mammoplasty.	USA	Handel N, et al.	Surgery	Plast Reconstr Surg. 1991 May;87(5):873-8.
1991	Complication	---	---	---	Rate and incidence of capsular contracture: a comparison of smooth and textured silicone double-lumen breast prostheses.	USA	Ersek RA.	Surgery	Plast Reconstr Surg. 1991 May;87(5):879-84.
1991	---	Diagnosis	Material	---	Radiolucent prosthetic gel.	USA	Beisang AA 3rd, et al.	Surgery	Plast Reconstr Surg. 1991 May;87(5):885-92.
1991	Experience	Experience	---	---	Breast reconstruction utilizing subcutaneous tissue expansion followed by polyurethane-covered silicone implants: a 6-year experience.	USA	Artz JS, et al.	Surgery	Plast Reconstr Surg. 1991 Oct;88(4):635-9; discussion 640-1.
1991	---	---	Material	---	Biocompatibility of radiolucent breast implants.	USA	Young VL, et al.	Surgery	Plast Reconstr Surg. 1991 Sep;88(3):462-74.
1991	Complication	---	---	---	Comparative experience with smooth and polyurethane breast implants using the Kaplan-Meier method of survival analysis.	USA	Handel N, et al.	Surgery	Plast Reconstr Surg. 1991 Sep;88(3):475-81.
1991	---	Technique	---	---	[Implantation of mammary prosthesis through a periareolar incision].	China	Luo LS.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1991 Mar;7(1):4-5, 72-3.
1991	---	Technique	---	---	[Advances in augmentation mammoplasty].	China	Liu LG, Song YG.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1991 Mar;7(1):58-60.
1992	---	Diagnosis	Rupture	---	STIR sequences detect breast implant rupture.	USA	Zelch JV, Artz S, Dinner MI.	Medical Devices	Diagn Imaging (San Franc). 1992 Oct;14(10):79-82.
1992	Complication	---	Rupture	Regulation/Sociology	The political and social context of silicone breast implant use in the United States.	USA	Zones JS.	Medical Devices	J Long Term Eff Med Implants. 1992;1(3):225-41.
1992	Risk/Safety	---	---	Sociology	Breast implants under siege: an historical commentary.	USA	Fisher JC, Brody GS.	Medical Devices	J Long Term Eff Med Implants. 1992;1(3):243-53.
1992	---	Diagnosis	---	---	Breast MRI. The potentials and dangers: are you informed?	USA	Harms S.	Medicine	Adm Radiol. 1992 Nov;11(11):111-4, 118.
1992	---	---	Bleeding/Migration	---	"Ductogram" associated with extravasation of silicone from a breast implant.	USA	Mitnick JS, et al.	Medicine	AJR Am J Roentgenol. 1992 Nov;159(5):1126-7.
1992	Complication	Diagnosis	---	---	Screening mammography in 350 women with breast implants: prevalence and findings of implant complications.	USA	Destouet JM, et al.	Medicine	AJR Am J Roentgenol. 1992 Nov;159(5):973-8; discussion 979-81.
1992	---	Diagnosis	Rupture	---	Ruptured gel-filled silicone breast implants: sonographic findings in 19 cases.	USA	Roscullet KA, et al.	Medicine	AJR Am J Roentgenol. 1992 Oct;159(4):711-6.
1992	---	---	---	Sociology	Update on breast implants.	USA	Rheinstein PH, Bagley GP.	Medicine	Am Fam Physician. 1992 Feb;45(2):472-3.
1992	Complication	---	Bleeding/Migration	---	Cosmetic breast surgery.	USA	Field DA, Miller S.	Medicine	Am Fam Physician. 1992 Feb;45(2):711-9.
1992	---	---	---	Regulat	FDA approves clinical studies of silicone	USA	[No authors	Medicine	Am Fam Physician. 1992

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				ion/Sociology	breast implants.		listed]		Oct;46(4):1306.
1992	Complication	---	---	---	The many faces of scleroderma.	USA	Smiley JD.	Medicine	Am J Med Sci. 1992 Nov;304(5):319-33.
1992	Experience	Experience	---	---	[The use of silicone breast prosthesis in Puerto Rico].	USA	Cruz NI.	Medicine	Bol Asoc Med P R. 1992 Feb;84(2):70-3.
1992	---	---	---	Sociology	Muddled messages about breast cancer.	UK	Goodman NW.	Medicine	Br J Hosp Med. 1992 Feb 19-Mar 3;47(4):299.
1992	Causal Relation	---	---	---	Current status of silicone breast implants.	USA	Sherrer YR.	Medicine	Cleve Clin J Med. 1992 Sep-Oct;59(5):539-41.
1992	---	---	---	Regulation/Sociology	Summary of the report on silicone-gel-filled breast implants. Independent Advisory Committee on Silicone-Gel-filled Breast Implants.	Canada	[No authors listed]	Medicine	CMAJ. 1992 Oct 15;147(8):1141-6.
1992	---	---	---	Sociology	Breast implant controversy much ado about very little, plastic surgeons say.	UK	Johnston C.	Medicine	CMAJ. 1992 Sep 1;147(5):772-3.
1992	Risk/Safety	---	---	---	Breast disease.	USA	Fiorica JV.	Medicine	Curr Opin Obstet Gynecol. 1992 Dec;4(6):897-903.
1992	---	Diagnosis	---	---	Nonmammographic breast imaging techniques.	Germany	Heywang-Köbrunner SH.	Medicine	Curr Opin Radiol. 1992 Oct;4(5):146-54.
1992	Risk/Safety	Diagnosis	---	---	Breast cancer diagnosis and prognosis in women following augmentation with silicone gel-filled prostheses.	USA	Silverstein MJ, et al.	Medicine	Eur J Cancer. 1992;28(2-3):635-40.
1992	---	---	---	Sociology	[Silicone implants: at present no reason for panic].	Germany	Strobel E.	Medicine	Fortschr Med. 1992 Feb 28;110(6):26, 28.
1992	---	---	---	Sociology	Silicone breast implants: the situation in 1991.	?	[No authors listed]	Medicine	Int J Risk Saf Med. 1992;3(3):139-41.
1992	---	Diagnosis	---	---	Phantom evaluation of imaging modalities for silicone breast implants.	USA	Steinbach BG, et al.	Medicine	Invest Radiol. 1992 Oct;27(10):841-6.
1992	---	---	---	Sociology	Re: Breast implants.	?	Pound W.	Medicine	J Med Assoc Ga. 1992 Jun;81(6):267-8.
1992	---	Diagnosis	---	---	Ultrasound may help detect breast implant leaks.	USA	Skolnick AA.	Medicine	JAMA. 1992 Feb 12;267(6):786.
1992	---	---	---	Regulation/Sociology	First clinical study of breast implants launched.	USA	Randall T.	Medicine	JAMA. 1992 Oct 14;268(14):1822.
1992	---	---	---	Sociology	Silicone breast implants.	Ireland	Kent BD.	Medicine	JAMA. 1992 Sep 23-30;268(12):1536.
1992	---	---	---	Regulation/Sociology	[The American FDA recommends suspension of the use of silicone breast implants].	UK	Asplund O, Gylbert L, Jurell G.	Medicine	Lakartidningen. 1992 Feb 19;89(8):543-5.
1992	Causal Relation	---	---	---	Implants and breast cancer.	USA	Malone KE, et al.	Medicine	Lancet. 1992 May 30;339(8805):1365.
1992	Causal Relation	---	Rupture	---	Antinuclear autoantibodies in women with silicone breast implants.	USA	Press RI, et al.	Medicine	Lancet. 1992 Nov 28;340(8831):1304-7.
1992	---	Diagnosis	Rupture	---	Detection of migratory silicone pseudotumor with use of magnetic resonance imaging.	USA	Persellin ST, et al.	Medicine	Mayo Clin Proc. 1992 Sep;67(9):891-5.
1992	---	---	---	Sociology	Silicone breast implants.	USA	Williams CW.	Medicine	Med J Aust. 1992 Apr 6;156(7):508.
1992	---	---	---	Sociology	Silicone breast implants.	UK	Hughes C, Beech DR.	Medicine	Med J Aust. 1992 Jun 1;156(11):815.
1992	---	---	---	Sociology	Silicone breast implants.	Australia	Cohney BC.	Medicine	Med J Aust. 1992 Mar

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				gy					2;156(5):365.
1992	Risk/Safety	---	---	Regulation/Sociology	Physician liability for failure to remove breast implants.	USA	Halleland KJ.	Medicine	Minn Med. 1992 Jul;75(7):31-3.
1992	Risk/Safety	---	---	---	Breast augmentation: a risk factor for breast cancer?	Canada	Berkel H, et al.	Medicine	N Engl J Med. 1992 Jun 18;326(25):1649-53.
1992	---	---	---	Sociology	Breast implants--protection or paternalism?	USA	Angell M.	Medicine	N Engl J Med. 1992 Jun 18;326(25):1695-6.
1992	---	---	---	Sociology	The silicone controversy--when will science prevail?	USA	Fisher JC.	Medicine	N Engl J Med. 1992 Jun 18;326(25):1696-8.
1992	---	---	---	Regulation/Sociology	The basis of the FDA's decision on breast implants.	USA	Kessler DA.	Medicine	N Engl J Med. 1992 Jun 18;326(25):1713-5.
1992	Causal Relation	---	---	---	Silicone breast implants and cancer.	Taiwan	Chan MJ.	Medicine	N Z Med J. 1992 May 13;105(933):181.
1992	---	---	---	Sociology	Silicone gel breast implants: the facts and the fury.	India	Das Doros Silva Y.	Medicine	Natl Med J India. 1992 May-Jun;5(3):138-9.
1992	Risk/Safety	---	---	Sociology	Breast implants, Hippocrates, and burden of proof.	USA	McGivney WT.	Medicine	Physician Exec. 1992 Mar-Apr;18(2):54-5.
1992	Risk/Safety	---	---	---	The recent controversy over breast implants and their risks.	USA	Sturim HS.	Medicine	R I Med. 1992 Mar;75(3):145-6.
1992	---	Diagnosis	Rupture	---	Augmentation mammoplasty: normal and abnormal findings with mammography and US.	USA	Ganott MA, et al.	Medicine	Radiographics. 1992 Mar;12(2):281-95.
1992	Complication	---	---	---	Evaluation of the postoperative breast.	USA	Mendelson EB.	Medicine	Radiol Clin North Am. 1992 Jan;30(1):107-38.
1992	---	Diagnosis	Rupture	---	Silicone breast implants in vivo: MR imaging.	USA	Gorczyca DP, et al.	Medicine	Radiology. 1992 Nov;185(2):407-10.
1992	Complication	Diagnosis	---	---	Mammographic appearance following implant removal.	USA	Stewart NR, et al.	Medicine	Radiology. 1992 Oct;185(1):83-5.
1992	Risk/Safety	---	---	---	[Breast augmentation: is it a risky intervention?].	Belgium	Nizet JL, Fissette J.	Medicine	Rev Med Liege. 1992 Feb;47(2):61-9.
1992	---	---	---	Regulation/Sociology	[Moratorium on silicone breast implants].	Switzerland	Maillard GF.	Medicine	Rev Med Suisse Romande. 1992 Apr;112(4):349-54.
1992	---	Diagnosis	---	---	[Imaging of silicone granuloma of the breast using magnetic resonance tomography].	Germany	Daschner H, Allgayer B, Golder W.	Medicine	Rontgenpraxis. 1992 Mar;45(3):95-7.
1992	---	---	---	Sociology	Silicone and breast implants.	South Africa	Bloch C, Hudson D.	Medicine	S Afr Med J. 1992 May 2;81(9):449-50.
1992	---	---	---	Sociology	TMA physician leaders study silicone breast implant issue.	USA	Richardson M.	Medicine	Tex Med. 1992 May;88(5):58-9.
1992	Causal Relation	---	---	---	[Silicone breast implants and collagen diseases].	Norway	Haga HJ, Haaland P, Haga T.	Medicine	Tidsskr Nor Laegeforen. 1992 Feb 28;112(6):763-4.
1992	Risk/Safety	---	---	---	[Are silicone breast prostheses dangerous?].	Norway	Samdal F, et al.	Medicine	Tidsskr Nor Laegeforen. 1992 Jun 10;112(15):1971-3.
1992	---	---	---	Sociology	[Silicone breast implants].	Norway	Dillerud E.	Medicine	Tidsskr Nor Laegeforen. 1992 Jun 30;112(17):2239-40.
1992	Causal Relation	---	---	---	Immune functional impairment in patients with clinical abnormalities and silicone	USA	Vojdani A, Campbell A.	Medicine	Toxicol Ind Health. 1992 Nov-Dec;8(6):415-29.

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					breast implants.		Brautbar N.		
1992	Causal Relation	---	---	---	[Breast prostheses and scleroderma].	Denmark	Ullman S, Halberg P.	Medicine	Ugeskr Laeger. 1992 Aug 3;154(32):2183.
1992	Causal Relation	---	---	---	[Systemic scleroderma and scleroderma-like disease after silicone implants].	Denmark	Zachariae H, Zachariae E.	Medicine	Ugeskr Laeger. 1992 Aug 3;154(32):2209-10.
1992	Causal Relation	---	---	---	[Silicone breast implants and connective tissue diseases].	Denmark	Elberg JJ, Krag C.	Medicine	Ugeskr Laeger. 1992 Nov 23;154(48):3432-3.
1992	Causal Relation	---	---	---	[Does silicone induce autoimmune diseases? Review of the literature and case reports].	Austria	Kaiser W, Zazgornik J.	Medicine	Z Rheumatol. 1992 Jan-Feb;51(1):31-4.
1992	Risk/Safety	Diagnosis	---	---	Breast imaging and the augmented breast.	USA	Kruse BD, et al.	Nursing	Plast Surg Nurs. 1992 Fall;12(3):109-15, 127.
1992	Risk/Safety	---	---	Regulation/Sociology	Making a difference in the breast implant issue.	USA	McCain L.	Nursing	Plast Surg Nurs. 1992 Spring;12(1):28-30.
1992	---	---	---	Sociology	Counseling the woman with silicone breast implants.	USA	McCain L.	Nursing	Plast Surg Nurs. 1992 Summer;12(2):61-2, 70.
1992	---	---	Material	---	The future of breast implants: alternatives to silicone gel-filled implants.	?	Michalski CA.	Nursing	Today's OR Nurse. 1992 Aug;14(8):7-11.
1992	---	---	---	Sociology	Buyers taking silicon-gel breast implant ruling in stride.	Finland	Barlow RD.	Science	Hosp Mater Manage. 1992 Feb;17(2):1, 10-1.
1992	Risk/Safety	Technique	---	---	The management of breast cancer with immediate or delayed reconstruction.	USA	Baker RR.	Surgery	Adv Surg. 1992;25:51-64.
1992	Complication	---	---	---	Subclinical infection of the silicone breast implant surface as a possible cause of capsular contracture.	USA	Viriden CP, et al.	Surgery	Aesthetic Plast Surg. 1992 Spring;16(2):173-9.
1992	Complication	---	---	---	Complications after injection mammoplasty.	Japan	Okubo M, et al.	Surgery	Aesthetic Plast Surg. 1992 Spring;16(2):181-7.
1992	---	---	---	Sociology	["Advantages" and inconveniences. Apropos of breast implants].	France	Glicenstein J.	Surgery	Ann Chir Plast Esthet. 1992 Aug;37(4):353-5.
1992	---	---	---	Sociology	[Controversy about prostheses: a false problem?].	France	Petit JY.	Surgery	Ann Chir Plast Esthet. 1992 Mar;37(2):227-8.
1992	Clinical Study	Clinical Study	Volume	---	[Effect of inadequate filling of deflation of inflatable breast prostheses. Statistical study of 535 inflatable prostheses].	France	Lantieri L, Raulo Y, Baruch J.	Surgery	Ann Chir Plast Esthet. 1992 Oct;37(5):534-40.
1992	Complication	---	Surface Type	---	Early tissue reaction to textured breast implant surfaces.	USA	Brohim RM, et al.	Surgery	Ann Plast Surg. 1992 Apr;28(4):354-62.
1992	---	Technique	---	---	Adipofascial (anterior rectus sheath) flaps for breast reconstruction.	Japan	Sakai S, Suzuki I, Izawa H.	Surgery	Ann Plast Surg. 1992 Aug;29(2):173-7.
1992	Causal Relation	---	---	---	Silicone breast implants and immune disease.	USA	Shons AR, Schubert W.	Surgery	Ann Plast Surg. 1992 May;28(5):491-9; discussion 499-501.
1992	Causal Relation	---	---	History	Squamous cell carcinoma following breast augmentation.	USA	Paletta C, Paletta FX Jr, Paletta FX Sr.	Surgery	Ann Plast Surg. 1992 Nov;29(5):425-9; discussion 429-32.
1992	Complication	Diagnosis	---	---	Misdiagnoses: a timely reminder.	USA	Marshall WR, Leggett JE.	Surgery	Ann Plast Surg. 1992 Nov;29(5):444-5.
1992	Experience	Experience	---	---	Polyurethane-covered mammary implants: a 12-year experience.	Italy	Gasperoni C, et al.	Surgery	Ann Plast Surg. 1992 Oct;29(4):303-8.
1992	---	---	Bleeding	---	Transcutaneous extravasation of silicone	UK	Erdmann MW,	Surgery	Br J Plast Surg. 1992

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			g/Migration		following breast augmentation.		Asplund O, Bahnsy N.		Aug-Sep;45(6):479-80.
1992	Causal Relation	---	---	---	Breast implant materials: sense and safety.	UK	Dunn KW, Hall PN, Khoo CT.	Surgery	Br J Plast Surg. 1992 May-Jun;45(4):315-21.
1992	---	Treatment	---	---	[A case of so-called Poland's syndrome].	Italy	Massari R, et al.	Surgery	G Chir. 1992 Oct;13(10):467-9.
1992	Causal Relation	---	Rupture	---	[Siliconoma and rheumatic symptoms--a familial and a questionable complication of silicone implantation].	Germany	Frey HP, Lemperle G, Exner K.	Surgery	Handchir Mikrochir Plast Chir. 1992 Jul;24(4):171-7; discussion 178.
1992	Causal Relation	---	---	---	Oncological aspect of immediate breast reconstruction in mastectomy patients.	Japan	Noguchi M, et al.	Surgery	J Surg Oncol. 1992 Aug;50(4):241-6.
1992	---	---	---	Sociology	[Statement of the Hungarian Society of Plastic Surgeons on the use of silicone breast implants].	Hungary	[No authors listed]	Surgery	Magy Traumatol Orthop Helyreallito Seb. 1992;35(3):197-8.
1992	Experience	Experience	---	---	[Immediate breast reconstruction. A retrospective analysis of 7 years' experience].	Italy	Pompei S, et al.	Surgery	Minerva Chir. 1992 Jan;47(1-2):19-26.
1992	---	Technique	---	---	Periareolar mammaplasty with silicone supporting lamina.	?	Bustos RA.	Surgery	Plast Reconstr Surg. 1992 Apr;89(4):646-57; discussion 658-9.
1992	---	Technique	---	---	Spoon feeding the breast implant.	UK	Chapman P.	Surgery	Plast Reconstr Surg. 1992 Apr;89(4):763.
1992	---	---	Surface Type	---	A clinical comparison of the tendency to capsular contracture between smooth and textured gel-filled silicone mammary implants.	Sweden	Hakelius L, Ohlsén L.	Surgery	Plast Reconstr Surg. 1992 Aug;90(2):247-54.
1992	---	---	Bleeding/Migration	---	Could tight breast capsules "squeeze" a significant amount of silicone gel out of an implant?	USA	Hayes H Jr.	Surgery	Plast Reconstr Surg. 1992 Aug;90(2):340.
1992	---	---	Surface Type	---	The biomechanical and histopathologic effects of surface texturing with silicone and polyurethane in tissue implantation and expansion.	USA	Barone FE, et al.	Surgery	Plast Reconstr Surg. 1992 Jul;90(1):77-86.
1992	---	Technique	---	---	Eighty-four consecutive breast reconstructions using a textured silicone tissue expander.	USA	Maxwell GP, Falcone PA.	Surgery	Plast Reconstr Surg. 1992 Jun;89(6):1022-34; discussion 1035-6.
1992	Complication	---	Surface Type	---	The biophysical and histologic properties of capsules formed by smooth and textured silicone implants in the rabbit.	USA	Bern S, Burd A, May JW Jr.	Surgery	Plast Reconstr Surg. 1992 Jun;89(6):1037-42; discussion 1043-4.
1992	Complication	---	---	---	Capsular hematoma as a late complication in breast reconstruction with silicone gel prostheses.	Brazil	Marques AF, et al.	Surgery	Plast Reconstr Surg. 1992 Mar;89(3):543-5.
1992	---	---	Rupture	---	Intraductal extension of silicone from a ruptured breast implant.	USA	Leibman AJ, et al.	Surgery	Plast Reconstr Surg. 1992 Mar;89(3):546-7.
1992	Complication	Technique	---	---	An improved technique for creation of the inframammary fold in silicone implant breast reconstruction.	USA	Handel N, Jensen JA.	Surgery	Plast Reconstr Surg. 1992 Mar;89(3):558-62.
1992	Causal Relation	---	---	---	Lack of correlation between silicone breast implants and scleroderma.	USA	Reddick LP.	Surgery	Plast Reconstr Surg. 1992 Mar;89(3):575-6.
1992	Causal Relation	---	Rupture	---	Silicone gel infiltration of a peripheral nerve and constrictive neuropathy following rupture of a breast prosthesis.	USA	Sanger JR, et al.	Surgery	Plast Reconstr Surg. 1992 May;89(5):949-52.

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1992	---	Technique	---	---	A comparison of outcomes using three different methods of breast reconstruction.	USA	Kroll SS, Baldwin B.	Surgery	Plast Reconstr Surg. 1992 Sep;90(3):455-62.
1992	---	Treatment	---	---	Reduction of capsular formation around silicone breast implants by D-penicillamine in rats.	Germany	Rennekampff HO, et al.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 1992;26(3):253-5.
1992	---	Technique	---	---	Clinical results in 87 patients treated for asymmetrical breasts. A follow-up study.	Norway	Sandsmark M, et al.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 1992;26(3):321-6.
1992	Complication	---	---	---	[A preliminary study of the fibrous capsules around silicone mammary implants in Chinese women].	China	Liu LG.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1992 Sep;8(3):174-6, 246.
1993	---	Diagnosis	---	---	Ambiguity persists over uses for MR of breast.	USA	Stephens T.	Medical Devices	Diagn Imaging (San Franc). 1993 Jun;15(6):77-82.
1993	---	Diagnosis	Rupture	Regulation/Sociology	MR imaging of silicone gel-filled breast implants in vivo with a method that visualizes silicone selectively.	USA	Mukundan S Jr, et al.	Medical Devices	J Magn Reson Imaging. 1993 Sep-Oct;3(5):713-7.
1993	---	Diagnosis	Rupture	---	Echo-planar chemical shift imaging of silicone gel prostheses.	USA	Garrido L, et al.	Medical Devices	Magn Reson Imaging. 1993;11(5):625-34.
1993	---	---	Bleeding/Migration	---	Definition of terms for describing loss of gel from breast implants.	USA	Dowden RV.	Medicine	AJR Am J Roentgenol. 1993 Jun;160(6):1360.
1993	---	Diagnosis	Bleeding/Migration	---	Mammographic findings after the removal of breast implants.	USA	Hayes MK, Gold RH, Bassett LW.	Medicine	AJR Am J Roentgenol. 1993 Mar;160(3):487-90.
1993	---	Diagnosis	Rupture	---	MR imaging of the breast in patients with silicone-gel implants: spectrum of findings.	USA	Mund DF, et al.	Medicine	AJR Am J Roentgenol. 1993 Oct;161(4):773-8.
1993	Causal Relation	---	---	---	A clinical and immunologic evaluation of women with silicone breast implants and symptoms of rheumatic disease.	USA	Bridges AJ, et al.	Medicine	Ann Intern Med. 1993 Jun 15;118(12):929-36.
1993	Causal Relation	---	---	---	Silicone breast implants and atypical autoimmune disease.	USA	Ryan EH, Moore WJ.	Medicine	Ann Intern Med. 1993 Nov 15;119(10):1053-4.
1993	Causal Relation	---	---	---	Demonstration of silicon in sites of connective-tissue disease in patients with silicone-gel breast implants.	USA	Silver RM, et al.	Medicine	Arch Dermatol. 1993 Jan;129(1):63-8.
1993	Complication	---	---	History	Silicone breast implants. History, safety, and potential complications.	USA	Bridges AJ, Vasey FB.	Medicine	Arch Intern Med. 1993 Dec 13;153(23):2638-44.
1993	---	Diagnosis	---	---	Technical note: appearances on ultrasound of impalpable injection port in a double chamber breast prosthesis.	UK	Skene AI, et al.	Medicine	Br J Radiol. 1993 Nov;66(791):1050-1.
1993	Causal Relation	---	---	---	Silicone breast prostheses and rheumatic disorders.	Netherlands	Macfarlane JD, Breedveld FC.	Medicine	Br J Rheumatol. 1993 Dec;32(12):1116-7.
1993	Complication	Diagnosis	---	---	Mammography: breast implants--types, complications, and adjacent breast pathology.	USA	Steinbach BG, Hardt NS, Abbitt PL.	Medicine	Curr Probl Diagn Radiol. 1993 Mar-Apr;22(2):39-86.
1993	Causal Relation	---	---	---	Fine-needle aspiration cytology of silicone granulomas in the augmented breast.	USA	Dodd LG, et al.	Medicine	Diagn Cytopathol. 1993 Oct;9(5):498-502.
1993	---	---	---	Sociology	[Silicone breast implants].	Finland	Asko-Seljavaara S.	Medicine	Duodecim. 1993;109(9):726-7.
1993	Causal Relation	---	Rupture	---	Human immune response to polydimethylsiloxane (silicone):	USA	Wolf LE, et al.	Medicine	FASEB J. 1993 Oct;7(13):1265-8.

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					screening studies in a breast implant population.				
1993	---	Technique	---	---	[Use of silicone implants for breast augmentation].	Israel	Ramon Y, Moscona R.	Medicine	Harefuah. 1993 Nov 15;125(10):356-60.
1993	Causal Relation	---	---	---	[Silicone implants for breast augmentation and autoimmune disease].	Israel	Zandman- et al.	Medicine	Harefuah. 1993 Nov 15;125(10):360-4.
1993	Causal Relation	---	---	---	Breast carcinoma occurring in association with silicone augmentation.	UK	Maddox A, et al.	Medicine	Histopathology. 1993 Oct;23(4):379-82.
1993	Risk/Safety	---	---	---	Are breast prostheses safe for use in breast reconstruction? Yes.	USA	Hidalgo DA.	Medicine	Important Adv Oncol. 1993;179-88.
1993	---	Diagnosis	---	---	Changes in photon dose distributions due to breast prostheses.	USA	Klein EE, Kuske RR.	Medicine	Int J Radiat Oncol Biol Phys. 1993 Feb 15;25(3):541-9.
1993	Causal Relation	---	---	---	Anti-collagen autoantibodies are found in women with silicone breast implants.	USA	Teuber SS, et al.	Medicine	J Autoimmun. 1993 Jun;6(3):367-77.
1993	Risk/Safety	---	---	---	[Local and long-term systemic risks of silicone breast implants].	France	Marpeau L, et al.	Medicine	J Gynecol Obstet Biol Reprod (Paris). 1993;22(4):351-5.
1993	---	---	---	Sociology	Breast cancer and silicone implants: psychological consequences for women.	USA	Hatcher C, et al.	Medicine	J Natl Cancer Inst. 1993 Sep 1;85(17):1361-5.
1993	Causal Relation	---	---	Regulation/Sociology	Silicone controversy: a survey of women with breast cancer and silicone implants.	USA	Winer EP, et al.	Medicine	J Natl Cancer Inst. 1993 Sep 1;85(17):1407-11.
1993	Experience	Experience	---	---	Breast reconstruction at a district general hospital.	UK	Evans AA, et al.	Medicine	J R Soc Med. 1993 Nov;86(11):630-3.
1993	Causal Relation	---	---	---	The development of systemic sclerosis (scleroderma) following augmentation mammoplasty.	Canada	Appleton BE, Lee P.	Medicine	J Rheumatol. 1993 Jun;20(6):1052-4.
1993	Causal Relation	---	---	---	Scleroderma following silicone implantation: a cumulative experience of 11 cases.	USA	Spiera H, Kerr LD.	Medicine	J Rheumatol. 1993 Jun;20(6):958-61.
1993	---	---	---	Sociology	Silicone gel breast implants. Council on Scientific Affairs, American Medical Association.	USA	[No authors listed]	Medicine	JAMA. 1993 Dec 1;270(21):2602-6.
1993	---	Technique	---	---	A call for higher standards for breast implants.	USA	Kessler DA, et al.	Medicine	JAMA. 1993 Dec 1;270(21):2607-8.
1993	---	---	---	Sociology	The breast implant controversy. A clash of ethics and law.	USA	Lundberg GD.	Medicine	JAMA. 1993 Dec 1;270(21):2608.
1993	---	---	---	Sociology	Silicone gel breast implants.	USA	Woods JE, et al.	Medicine	Mayo Clin Proc. 1993 Jan;68(1):96.
1993	Risk/Safety	---	---	---	[Dangers of silicone breast prosthesis].	Spain	Prats Esteve M.	Medicine	Med Clin (Barc). 1993 Jan 16;100(2):61-2.
1993	Causal Relation	---	---	---	[Silicone breast implants: sclerodermia?].	Spain	González T.	Medicine	Med Clin (Barc). 1993 Jul 3;101(6):210-1.
1993	Causal Relation	---	---	---	Silicone-reactive disorder: a new autoimmune disease caused by immunostimulation and superantigens.	USA	Lappe MA.	Medicine	Med Hypotheses. 1993 Oct;41(4):348-52.
1993	---	---	---	Regulation/Sociology	The breast-implant controversy.	USA	Vasey FB, Seleznick MJ, Germain BF.	Medicine	N Engl J Med. 1993 Mar 11;328(10):732-3; author reply 734.
1993	Risk/Safety	---	---	---	Breast augmentation and the risk of subsequent breast cancer.	France	Petit JY, Lê M, Mouriessie H.	Medicine	N Engl J Med. 1993 Mar 4;328(9):661-2; author reply 663.

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1993	---	Diagnosis	---	---	False-positive mammographic imaging of a breast implant.	USA	Cucin R, Bard R.	Medicine	N Y State J Med. 1993 Feb;93(2):151-2.
1993	Causal Relation	---	---	---	[Unsubstantiated concern over implanted silicone breast prostheses].	Netherlands	Efting et al.	Medicine	Ned Tijdschr Geneesk. 1993 Feb 27;137(9):442-4.
1993	Causal Relation	---	Bleeding/Migration	---	Autoimmune disease and silicone breast implants.	USA	Hirmand H, Latrenta GS, Hoffman LA.	Medicine	Oncology (Williston Park). 1993 Jul;7(7):17-24; discussion 24, 28, 30.
1993	Complication	---	Rupture	---	Breast implants, common complications, and concurrent breast disease.	USA	Steinbach BG, et al.	Medicine	Radiographics. 1993 Jan;13(1):95-118.
1993	---	Diagnosis	---	---	MR imaging of the breast: technical approach and clinical experience.	USA	Harms SE, Flamig DP.	Medicine	Radiographics. 1993 Jul;13(4):905-12.
1993	---	Diagnosis	Rupture	---	Diagnosing breast implant rupture with MR imaging, US, and mammography.	USA	Berg WA, et al.	Medicine	Radiographics. 1993 Nov;13(6):1323-36.
1993	---	Diagnosis	---	---	MR imaging of silicone breast implants: comparison of different coil arrays.	USA	Sinha S, et al.	Medicine	Radiology. 1993 Apr;187(1):284-6.
1993	---	Diagnosis	Rupture	---	Selective MR imaging of silicone with the three-point Dixon technique.	USA	Schneider E, Chan TW.	Medicine	Radiology. 1993 Apr;187(1):89-93.
1993	---	Diagnosis	Rupture	---	Silicone implant rupture: detection with US.	USA	Harris KM, et al.	Medicine	Radiology. 1993 Jun;187(3):761-8.
1993	---	Diagnosis	---	---	MR imaging of the breast with rotating delivery of excitation off resonance: clinical experience with pathologic correlation.	USA	Harms SE, et al.	Medicine	Radiology. 1993 May;187(2):493-501.
1993	---	Diagnosis	---	---	Differentiation of silicone gel from water and fat in MR phase imaging of protons at 0.064 T.	USA	Derby KA, et al.	Medicine	Radiology. 1993 Nov;189(2):617-20.
1993	---	---	Rupture	---	Silicone breast implants: US evaluation.	USA	DeBruhl ND, et al.	Medicine	Radiology. 1993 Oct;189(1):95-8.
1993	Complication	---	Material	---	Silicon and silicone: theoretical and clinical implications of breast implants.	USA	Yoshida SH, et al.	Medicine	Regul Toxicol Pharmacol. 1993 Feb;17(1):3-18.
1993	Causal Relation	---	---	---	[Systemic manifestations after breast prosthesis].	France	Koeger AC, Bourgeois P.	Medicine	Rev Rhum Ed Fr. 1993 Feb;60(2):152-8.
1993	Risk/Safety	---	Bleeding/Migration	Regulation/Sociology	How safe are silicone breast implants?	USA	Nemecek JA, Young VL.	Medicine	South Med J. 1993 Aug;86(8):932-44.
1993	Causal Relation	---	Rupture	---	Silicone pleural effusion due to iatrogenic breast implant rupture.	USA	Taupmann RE, Adler S.	Medicine	South Med J. 1993 May;86(5):570-1.
1993	Causal Relation	---	---	---	Laboratory findings reveal potential harm of breast implants.	USA	Lewy RI.	Medicine	Tex Med. 1993 Dec;89(12):7.
1993	Complication	---	Rupture	Regulation/Sociology	Controversy over the silicone gel breast implant: current status and clinical implications.	USA	Rohrich RJ, Clark CP 3rd.	Medicine	Tex Med. 1993 Sep;89(9):52-8.
1993	Causal Relation	---	---	---	[Silicone breast prosthesis and connective tissue diseases].	Denmark	Ullman S, Halberg P.	Medicine	Ugeskr Laeger. 1993 Jan 11;155(2):114.
1993	Causal Relation	---	---	Regulation/Sociology	[Silicone breast implants and connective tissue disease].	Denmark	Kjøller KH, Elberg JJ, Krag C.	Medicine	Ugeskr Laeger. 1993 Jan 11;155(2):79-82.
1993	Causal Relation	---	---	---	[Injection of high viscosity liquids. Acute or delayed excision?].	Denmark	Bjerno T, et al.	Medicine	Ugeskr Laeger. 1993 Jun 14;155(24):1876-8.
1993	---	---	---	History	Breast implants and the FDA: past, present, and future.	USA	Stombler RE.	Nursing	Plast Surg Nurs. 1993 Winter;13(4):185-7, 200.
1993	---	Technique	---	---	Radical mastectomy and immediate reconstruction with prosthesis.	Italy	d'Errico F, Ferrario E.	Science	Ann N Y Acad Sci. 1993 Nov 30;698:254-8.

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					Experience with 250 cases.		Beviglia E.		
1993	Causal Relation	---	---	---	Toxicologists-and snow-descend on New Orleans.	France	Stone R.	Science	Science. 1993 Apr 2;260(5104):30-1.
1993	Risk/Safety	---	---	---	Recent etiologic hypotheses concerning breast cancer.	USA	Gammon MD, John EM.	Sociology	Epidemiol Rev. 1993;15(1):163-8.
1993	---	---	---	Regulation/Sociology	Social justice, federal paternalism, and feminism: breast implants in the cultural context of female beauty.	USA	Parker LS.	Sociology	Kennedy Inst Ethics J. 1993 Mar;3(1):57-76.
1993	---	Technique	---	---	Periareolar techniques for mammary reduction and elevation.	Spain	de Benito J, Sanza IF.	Surgery	Aesthetic Plast Surg. 1993 Fall;17(4):311-6.
1993	Complication	---	Rupture	---	Effect of cortisone on capsular contracture in double-lumen breast implants: ten years' experience.	Germany	Lemperle G, Exner K.	Surgery	Aesthetic Plast Surg. 1993 Fall;17(4):317-23.
1993	---	---	Material	---	A new biologically, osmotically, and oncologically balanced gel that shows calcifications blocked by silicone.	USA	Ersek RA, et al.	Surgery	Aesthetic Plast Surg. 1993 Fall;17(4):331-4.
1993	---	---	Bleeding/Migration	---	A no bleed implant.	USA	Ersek RA, et al.	Surgery	Aesthetic Plast Surg. 1993 Summer;17(3):225-8.
1993	Causal Relation	QoL	---	---	Knowledge, concern, and satisfaction among augmentation mammoplasty patients.	USA	Handel N, et al.	Surgery	Ann Plast Surg. 1993 Jan;30(1):13-20; discussion 20-2.
1993	Causal Relation	---	---	---	Incidence of autoimmune disease in patients after breast reconstruction with silicone gel implants versus autogenous tissue: a preliminary report.	USA	Schusterman MA, et al.	Surgery	Ann Plast Surg. 1993 Jul;31(1):1-6.
1993	---	Diagnosis	Rupture	---	Ultrasound analysis of 150 patients with silicone gel breast implants.	Canada	Peters W, Pugash R.	Surgery	Ann Plast Surg. 1993 Jul;31(1):7-9.
1993	---	---	---	Sociology	But is it significant?	USA	Cook RR.	Surgery	Ann Plast Surg. 1993 Jul;31(1):94-5.
1993	Experience	Experience	---	---	Augmentation mammoplasty: results of a patient survey.	USA	Fiala TG, Lee WP, May JW Jr.	Surgery	Ann Plast Surg. 1993 Jun;30(6):503-9.
1993	---	Technique	---	---	Localization of nonpalpable masses in patients with breast implants.	USA	Mitnick JS, et al.	Surgery	Ann Plast Surg. 1993 Sep;31(3):238-40.
1993	Causal Relation	---	---	---	Fine needle aspiration biopsy in patients with augmentation prostheses and a palpable mass.	USA	Mitnick JS, et al.	Surgery	Ann Plast Surg. 1993 Sep;31(3):241-4.
1993	---	Technique	---	---	Transverse rectus abdominis musculocutaneous flaps for lightweights: is a pinch enough?	USA	Tzarnas CD.	Surgery	Ann Plast Surg. 1993 Sep;31(3):262-4.
1993	---	---	Material	---	The Misti Gold bio-oncotic gel filled breast prosthesis: an acceptable alternative to silicone?	UK	Laing JH, Sanders R.	Surgery	Br J Plast Surg. 1993 Apr;46(3):240-2.
1993	---	Technique	---	---	Use of silicone implants after wide local excision of the breast.	UK	Thomas PR, et al.	Surgery	Br J Surg. 1993 Jul;80(7):868-70.
1993	Causal Relation	---	---	Regulation/Sociology	Silicone gel breast implants, breast cancer and connective tissue disorders.	UK	Park AJ, Black RJ, Watson AC.	Surgery	Br J Surg. 1993 Sep;80(9):1097-100.
1993	---	---	---	History	Breast implants and the FDA: past, present and future.	USA	Stombler RE.	Surgery	Bull Am Coll Surg. 1993 Jun;78(6):11-5.
1993	Complication	---	---	---	Tarsal tunnel syndrome secondary to cosmetic silicone injections.	USA	Frey C, et al.	Surgery	Foot Ankle. 1993 Sep;14(7):407-10.
1993	---	---	Rupture	---	Rupture and aging of silicone gel breast	USA	de Camara DL.	Surgery	Plast Reconstr Surg. 1993

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					implants.		Sheridan JM, Kammer BA.		Apr;91(5):828-34; discussion 835-6.
1993	---	Diagnosis	---	---	The detection of breast cancer after augmentation mammoplasty.	USA	Carlson GW, et al.	Surgery	Plast Reconstr Surg. 1993 Apr;91(5):837-40.
1993	---	Diagnosis	Rupture	---	Breast masses in the augmentation mammoplasty patient: the role of ultrasound.	USA	Shestak KC, et al.	Surgery	Plast Reconstr Surg. 1993 Aug;92(2):209-16.
1993	Complication	---	---	---	Calcification bonded to saline-filled breast implants.	Germany	Schmidt GH.	Surgery	Plast Reconstr Surg. 1993 Dec;92(7):1423-5.
1993	Complication	---	Material	---	Carbofilm-covered prostheses in plastic surgery: preliminary observations.	Italy	Bocchiotti G, et al.	Surgery	Plast Reconstr Surg. 1993 Jan;91(1):80-8; discussion 89-90.
1993	---	---	Rupture	---	Microscopic demonstration of intraductal extension of silicone from a ruptured breast implant.	USA	Raso DS.	Surgery	Plast Reconstr Surg. 1993 Jul;92(1):176.
1993	Causal Relation	---	---	---	Peptide growth factors and myofibroblasts in capsules around human breast implants.	Sweden	Lossing C, Hansson HA.	Surgery	Plast Reconstr Surg. 1993 Jun;91(7):1277-86.
1993	---	Diagnosis	---	---	Identification and location of extravasated silicone gel using magnetic resonance imaging.	USA	Cohen FJ.	Surgery	Plast Reconstr Surg. 1993 Jun;91(7):1371.
1993	---	Technique	---	---	Expansion-augmentation of the breast.	USA	Persoff MM.	Surgery	Plast Reconstr Surg. 1993 Mar;91(3):393-403.
1993	Complication	---	---	---	Breast capsular contracture: a retrospective study of textured versus smooth silicone implants.	USA	Pollock H.	Surgery	Plast Reconstr Surg. 1993 Mar;91(3):404-7.
1993	---	Diagnosis	Rupture	---	Detection of gel implant rupture: a clinical test.	USA	Dowden RV.	Surgery	Plast Reconstr Surg. 1993 Mar;91(3):548-50.
1993	---	Diagnosis	---	---	An in vivo study of the effect of various breast implant filler materials on mammography.	USA	Handel N, et al.	Surgery	Plast Reconstr Surg. 1993 May;91(6):1057-62; discussion 1063-5.
1993	---	Diagnosis	Material	---	The relative radiolucencies of breast implant filler materials.	USA	Young VL, et al.	Surgery	Plast Reconstr Surg. 1993 May;91(6):1066-72.
1993	---	Technique	---	---	"Mammacompliance": an objective technique for measuring capsular fibrosis.	Austria	Hoflehner H, Pierer G, Rehak P.	Surgery	Plast Reconstr Surg. 1993 Nov;92(6):1078-84.
1993	Causal Relation	---	---	---	Systemic inflammatory disorder related to fibrous breast capsules after silicone implant removal.	USA	Copeland M, et al.	Surgery	Plast Reconstr Surg. 1993 Nov;92(6):1179-81.
1993	Complication	---	---	Regulation/Sociology	The impact of the media on women with breast implants.	USA	Palcheff-Wiemer M, et al.	Surgery	Plast Reconstr Surg. 1993 Oct;92(5):779-85.
1993	---	---	Surface Type	---	Soft tissue response to textured silicone implants in an animal experiment.	Switzerland	Smaehl J, et al.	Surgery	Plast Reconstr Surg. 1993 Sep;92(3):474-9.
1993	---	---	Rupture	---	Dealing with the ruptured silicone gel breast implant.	USA	Coccaro SF, Orgel MG.	Surgery	Plast Reconstr Surg. 1993 Sep;92(3):557.
1993	---	---	Bleeding/Migration	---	Could tight breast capsules "squeeze" a significant amount of silicone gel out of an implant?	USA	Hayes H Jr.	Surgery	Plast Reconstr Surg. 1993 Sep;92(3):557-8.
1993	---	Diagnosis	Rupture	---	Definitive diagnosis of breast implant rupture using magnetic resonance imaging.	USA	Ahn CY, et al.	Surgery	Plast Reconstr Surg. 1993 Sep;92(4):681-91.
1993	Causal	---	---	Regulat	Silicone mammary implants and	Denmark	Elberg JJ.	Surgery	Scand J Plast Reconstr Surg

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	Relation			ion/Sociology	connective tissue disease.		Kjøller KH, Krag C.		Hand Surg. 1993 Dec;27(4):243-8.
1993	---	---	Surface Type	---	A comparison of the capsules around smooth and textured silicone prostheses used for breast reconstruction. A light and electron microscopic study.	Sweden	Wickman M, et al.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 1993;27(1):15-22.
1993	Experience	Experience	---	---	TRAM Flap Breast Reconstruction.	USA	Eshima I, Mathes S.	Surgery	Surg Technol Int. 1993 Oct;2:371-4.
1993	Complication	---	---	---	[Contraction of capsule after augmentation mammoplasty. An analysis of 91 cases].	USA	Lin WG.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1993 Jan;9(1):27-9.
1993	---	---	Design	Sociology	[Evolution of plastic surgery reflected in changes in breast reconstruction].	USA	Shaw WW.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1993 Mar;9(2):88-9.
1994	---	Diagnosis	Rupture	---	Silicone-fat differentiation in the breast: exploiting the bright-fat phenomenon in fast spin-echo MR imaging.	USA	Hiramatsu H, et al.	Medical Devices	J Magn Reson Imaging. 1994 Nov-Dec;4(6):868-71.
1994	---	Diagnosis	Rupture	---	MR imaging of breast implants.	USA	Gorczyca DP.	Medical Devices	Magn Reson Imaging Clin N Am. 1994 Nov;2(4):659-72.
1994	---	---	Bleeding/Migration	---	Migration and chemical modification of silicone in women with breast prostheses.	USA	Garrido L, et al.	Medical Devices	Magn Reson Med. 1994 Mar;31(3):328-30.
1994	---	---	---	Lactation	Pregnancy, lactation and the use of silicone breast implants.	USA	Grant S, Edelman DA.	Medicine	Adv Contracept. 1994 Sep;10(3):187-93.
1994	---	Diagnosis	Rupture	---	Silicone breast implant rupture: comparison between three-point Dixon and fast spin-echo MR imaging.	USA	Gorczyca DP, et al.	Medicine	AJR Am J Roentgenol. 1994 Feb;162(2):305-10.
1994	---	Diagnosis	Rupture	---	Breast implants: incidental findings on CT.	USA	O'Boyle MK, et al.	Medicine	AJR Am J Roentgenol. 1994 Feb;162(2):311-3.
1994	---	Diagnosis	Bleeding/Migration	---	MR detection of leakage from silicone breast implants: value of a silicone-selective pulse sequence.	USA	Monticciolo DL, et al.	Medicine	AJR Am J Roentgenol. 1994 Jul;163(1):51-6.
1994	---	Diagnosis	Rupture	---	Diagnosis of breast implant rupture: imaging findings and relative efficacies of imaging techniques.	USA	Everson LI, et al.	Medicine	AJR Am J Roentgenol. 1994 Jul;163(1):57-60.
1994	Complication	---	---	---	Silicone lymphadenopathy involving intramammary lymph nodes: a new complication of silicone mammoplasty.	USA	Rivero MA, Schwartz DS, Mies C.	Medicine	AJR Am J Roentgenol. 1994 May;162(5):1089-90.
1994	---	Diagnosis	Rupture	---	MR imaging of the breast: current status and future potential.	USA	Harms SE, et al.	Medicine	AJR Am J Roentgenol. 1994 Nov;163(5):1039-47.
1994	---	Diagnosis	---	---	MR imaging of the breast in patients with silicone breast implants: normal postoperative variants and diagnostic pitfalls.	USA	Berg WA, et al.	Medicine	AJR Am J Roentgenol. 1994 Sep;163(3):575-8.
1994	Causal Relation	---	---	---	Tissue reaction to breast implants.	UK	Carter D.	Medicine	Am J Clin Pathol. 1994 Nov;102(5):565-6.
1994	Complication	---	---	---	Histologic features of breast capsules reflect surface configuration and composition of silicone bag implants.	USA	Kasper CS.	Medicine	Am J Clin Pathol. 1994 Nov;102(5):655-9.
1994	Causal Relation	---	Bleeding/Migration	---	An epidermal proliferative reaction associated with a silicone gel breast implant.	USA	Spiers EM, Grotting JC, Omura EF.	Medicine	Am J Dermatopathol. 1994 Jun;16(3):315-9.
1994	Causal	---	---	---	Silicone breast prostheses and rheumatic	Netherlan	Giltay EJ, et al.	Medicine	Ann Rheum Dis. 1994

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	Relation				symptoms: a retrospective follow up study.	ds			Mar;53(3):194-6.
1994	Causal Relation	---	Bleeding/Migration	---	Talc deposition in skin and tissues surrounding silicone gel-containing prosthetic devices.	USA	Kasper CS, Chandler PJ Jr.	Medicine	Arch Dermatol. 1994 Jan;130(1):48-53.
1994	Complication	---	---	---	Silicone breast implant pathology. Clinical data and immunologic consequences.	USA	Kossovsky N, Freiman CJ.	Medicine	Arch Pathol Lab Med. 1994 Jul;118(7):686-93.
1994	Complication	---	---	---	Synovial metaplasia of a periprosthetic breast capsule.	USA	Raso DS, Greene WB, Metcalf JS.	Medicine	Arch Pathol Lab Med. 1994 Mar;118(3):249-51.
1994	---	Technique	---	---	The detection of silicone within tissues.	USA	Rogli VL, et al.	Medicine	Arch Pathol Lab Med. 1994 Oct;118(10):963-4.
1994	---	Diagnosis	---	---	Light microscopy techniques for the demonstration of silicone gel.	USA	Raso DS, et al.	Medicine	Arch Pathol Lab Med. 1994 Oct;118(10):984-7.
1994	---	---	---	Sociology	The breast implant controversy.	USA	Cook RR, Harrison MC, LeVier RR.	Medicine	Arthritis Rheum. 1994 Feb;37(2):153-7.
1994	Causal Relation	---	---	---	Silicone breast implants and rheumatic disease. Clinical, immunologic, and epidemiologic studies.	USA	Sánchez- et al.	Medicine	Arthritis Rheum. 1994 Feb;37(2):158-68.
1994	---	Treatment	---	---	The effects of radiation therapy on the tissue capsule of soft tissue implants.	USA	Whalen RL, et al.	Medicine	ASAIO J. 1994 Jul-Sep;40(3):M365-70.
1994	---	Diagnosis	---	---	Magnetic resonance study of virgin and explanted silicone breast prostheses. Can proton relaxation times be used to monitor their biostability?	Canada	Dorne L, et al.	Medicine	ASAIO J. 1994 Jul-Sep;40(3):M625-31.
1994	Causal Relation	---	---	---	Scleroderma and augmentation mammoplasty--a causal relationship?	Australia	Englert HJ, Brooks P.	Medicine	Aust N Z J Med. 1994 Feb;24(1):74-80.
1994	Causal Relation	---	---	---	Silicone breast implants and connective tissue diseases.	USA	Sánchez-Guerrero J, Liang MH.	Medicine	BMJ. 1994 Oct 1;309(6958):822-3.
1994	Causal Relation	---	---	---	Scleroderma and silicone breast implants.	Australia	Englert HJ, et al.	Medicine	Br J Rheumatol. 1994 Apr;33(4):397-9.
1994	Causal Relation	---	---	---	Silicone breast implants and rheumatic disease.	USA	Hochberg MC.	Medicine	Br J Rheumatol. 1994 Jul;33(7):601-2.
1994	---	Diagnosis	Rupture	---	MRI diagnosis of a ruptured breast implant.	USA	Warren L.	Medicine	Can Assoc Radiol J. 1994 Dec;45(6):486-7.
1994	Complication	Technique	---	---	Breast reconstruction. Surgical options and patient selection.	USA	Carlson GW.	Medicine	Cancer. 1994 Jul 1;74(1 Suppl):436-9.
1994	Complication	Technique	---	---	Autogenous tissue breast reconstruction in the silicone-intolerant patient.	USA	Feng LJ, et al.	Medicine	Cancer. 1994 Jul 1;74(1 Suppl):440-9.
1994	Complication	---	---	---	Epithelialization of the lining of a breast implant capsule. Possible origins of squamous cell carcinoma associated with a breast implant capsule.	USA	Kitchen SB, et al.	Medicine	Cancer. 1994 Mar 1;73(5):1449-52.
1994	Causal Relation	---	Rupture	---	Silicone-specific blood lymphocyte response in women with silicone breast implants.	USA	Ojo-Amaize EA, et al.	Medicine	Clin Diagn Lab Immunol. 1994 Nov;1(6):689-95.
1994	Causal Relation	---	---	---	Chronic fatigue syndrome: what factors trigger it off?	Italy	Valesini G, et al.	Medicine	Clin Exp Rheumatol. 1994 Sep-Oct;12(5):473-6.
1994	Causal Relation	---	---	---	Human adjuvant disease revisited: a review of eleven post-augmentation mammoplasty patients.	Canada	Fenske TK, Davis P, Aaron SL.	Medicine	Clin Exp Rheumatol. 1994 Sep-Oct;12(5):477-81.
1994	---	---	Materia	PL	Product liability implications of	USA	Price JM.	Medicine	Clin Mater.

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			l		biomaterials in the United States.				1994;16(4):223-7.
1994	---	Treatment	---	---	Prominent gallium uptake associated with silicone implants in an asymptomatic patient.	USA	Decorato D, Derogatis AJ.	Medicine	Clin Nucl Med. 1994 Dec;19(12):1107-8.
1994	Risk/Safety	---	---	---	Surgery of early breast cancer.	Australia	Forbes JF.	Medicine	Curr Opin Oncol. 1994 Nov;6(6):560-4.
1994	Complication	---	---	---	Genetic and environmental factors in scleroderma.	USA	Silman AJ, Newman J.	Medicine	Curr Opin Rheumatol. 1994 Nov;6(6):607-11.
1994	Causal Relation	---	---	---	Overlapping syndromes, undifferentiated connective tissue disease, and other fibrosing conditions.	Netherlands	Kallenberg CG.	Medicine	Curr Opin Rheumatol. 1994 Nov;6(6):650-4.
1994	Causal Relation	---	---	Epidemiology	Epidemiology, pathogenesis, animal models, and treatment of Sjögren's syndrome.	USA	Fox RI.	Medicine	Curr Opin Rheumatol. 1994 Sep;6(5):501-8.
1994	Causal Relation	---	---	---	Subchronic 10 day immunotoxicity of polydimethylsiloxane (silicone) fluid, gel and elastomer and polyurethane disks in female B6C3F1 mice.	USA	Bradley SG, et al.	Medicine	Drug Chem Toxicol. 1994;17(3):175-220.
1994	Causal Relation	---	---	---	Immunotoxicity of 180 day exposure to polydimethylsiloxane (silicone) fluid, gel and elastomer and polyurethane disks in female B6C3F1 mice.	USA	Bradley SG, et al.	Medicine	Drug Chem Toxicol. 1994;17(3):221-69.
1994	---	Diagnosis	---	---	[Magnetic resonance imaging of breast implants. Significance compared to mammography and ultrasonography].	Germany	Youssefzadeh S, et al.	Medicine	Dtsch Med Wochenschr. 1994 Oct 28;119(43):1453-7.
1994	Causal Relation	---	---	---	Immunotoxicity of silicone: implications of oxidant balance towards adjuvant activity.	USA	Yoshida SH, et al.	Medicine	Food Chem Toxicol. 1994 Nov;32(11):1089-100.
1994	Causal Relation	---	---	---	Reproductive and developmental toxicity studies of silicone elastomer Q7-2423/Q7-2551 in rats and rabbits.	USA	Siddiqui WH, et al.	Medicine	Fundam Appl Toxicol. 1994 Oct;23(3):377-81.
1994	---	Technique	---	---	[Breast reconstruction after mastectomy].	USA	Sakai S, Takahashi H, Mitobe C.	Medicine	Gan To Kagaku Ryoho. 1994 Jun;21 Suppl 2:243-8.
1994	Causal Relation	---	---	---	Antibody to silicone and native macromolecules in women with silicone breast implants.	USA	Vojdani A, Brautbar N, Campbell AW.	Medicine	Immunopharmacol Immunotoxicol. 1994 Nov;16(4):497-523.
1994	Complication	---	---	---	Remission of sarcoidosis following removal of silicone gel breast implants.	USA	Teuber SS, et al.	Medicine	Int Arch Allergy Immunol. 1994 Dec;105(4):404-7.
1994	Causal Relation	---	---	---	Autoantibodies and clinical rheumatic complaints in two children of women with silicone gel breast implants.	USA	Teuber SS, Gershwin ME.	Medicine	Int Arch Allergy Immunol. 1994;103(1):105-8.
1994	Complication	---	---	---	Breast cancer and silicone breast implants.	USA	Edelman DA, et al.	Medicine	Int J Gynaecol Obstet. 1994 Dec;47(3):295-6.
1994	Complication	---	---	---	Acute pneumonitis presumed to be silicone embolism.	Japan	Matsuba T, et al.	Medicine	Intern Med. 1994 Aug;33(8):481-3.
1994	---	Diagnosis	---	---	Characteristics of magnetic resonance sequences used for imaging silicone gel, saline, and gel-saline implants at low field strengths.	USA	Frankel S, et al.	Medicine	Invest Radiol. 1994 Aug;29(8):781-6.
1994	Causal Relation	---	---	---	Autoimmune connective tissue disease and connective tissue disease-like illnesses after silicone gel augmentation mammoplasty.	USA	Haupt KR, Sontheimer RD.	Medicine	J Am Acad Dermatol. 1994 Oct;31(4):626-42.

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1994	---	---	---	Sociology	The silicone gel breast implant controversy: current status and clinical implications.	USA	Atwood HD, et al.	Medicine	J Ark Med Soc. 1994 Feb;90(9):427-34.
1994	Causal Relation	---	---	---	Antibodies to collagen: comparative epitope mapping in women with silicone breast implants, systemic lupus erythematosus and rheumatoid arthritis.	Australia	Rowley MJ, et al.	Medicine	J Autoimmun. 1994 Dec;7(6):775-89.
1994	---	---	---	Regulation/Sociology	The ban on breast implants medical or political issue? The rest of the story.	Colombia	Arroyave E, Norman HG Jr.	Medicine	J Fla Med Assoc. 1994 Jul;81(7):479-83.
1994	---	---	---	Sociology	Other side of the controversy.	USA	Jensen AR.	Medicine	J Fla Med Assoc. 1994 Oct;81(10):705-6.
1994	---	---	---	Sociology	Silicone and silliness. Probabilistic prevarication in the legal arena.	USA	Caldwell JR.	Medicine	J Fla Med Assoc. 1994 Sep;81(9):596-8.
1994	Causal Relation	---	---	---	Scleroderma after silicone augmentation mammoplasty: report of a case.	Taiwan	Lee SS, et al.	Medicine	J Formos Med Assoc. 1994 Jan;93(1):66-70.
1994	Causal Relation	---	---	Regulation/Sociology	[Silicone implants and breast cancer: real or fictitious problem? A case report and review of the literature].	Lebanon	Daher M, Rizkallah P, Abdel-Hak E.	Medicine	J Med Liban. 1994;42(1):32-6.
1994	Causal Relation	---	---	---	Silicone gels, induction of plasma cell tumors, and genetic susceptibility in mice: a call for epidemiologic investigation of women with silicone breast implants.	USA	Salmon SE, Kyle RA.	Medicine	J Natl Cancer Inst. 1994 Jul 20;86(14):1040-1.
1994	---	Diagnosis	---	---	Detection of breast cancer in women after augmentation mammoplasty using fluorine-18-fluorodeoxyglucose-PET.	USA	Wahl RL, et al.	Medicine	J Nucl Med. 1994 May;35(5):872-5.
1994	Causal Relation	---	Bleeding/Migration	---	Silicone gel filled breast implants and connective tissue disease: an overview.	USA	Spiers RF, Gibofsky A, Spiera H.	Medicine	J Rheumatol. 1994 Feb;21(2):239-45.
1994	Causal Relation	---	---	---	Graves' disease following silicone breast implantation.	USA	Bernet VJ, Finger DR.	Medicine	J Rheumatol. 1994 Nov;21(11):2169.
1994	Causal Relation	---	---	---	Silicone breast implants and connective tissue disease.	USA	Cuéllar ML, Espinoza LR.	Medicine	J Rheumatol. 1994 Oct;21(10):1979-80.
1994	Causal Relation	---	---	Lactation	Scleroderma-like esophageal disease in children breast-fed by mothers with silicone breast implants.	USA	Levine JJ, Ilowite NT.	Medicine	JAMA. 1994 Jan 19;271(3):213-6.
1994	Risk/Safety	---	---	Lactation	Silicone implants and esophageal dysmotility. Are breast-fed infants at risk?	USA	Flick JA.	Medicine	JAMA. 1994 Jan 19;271(3):240-1.
1994	---	---	---	Sociology	Silicone gel breast implants.	USA	Brody GS.	Medicine	JAMA. 1994 Jul 27;272(4):271; author reply 273-4.
1994	---	---	---	Sociology	Silicone gel breast implants.	USA	Finegold I.	Medicine	JAMA. 1994 Jul 27;272(4):271-2; author reply 273-4.
1994	---	---	---	Sociology	Silicone gel breast implants.	Canada	Baines CJ.	Medicine	JAMA. 1994 Jul 27;272(4):272; author reply 273-4.
1994	---	---	---	Sociology	Silicone gel breast implants.	Ireland	Kent BD.	Medicine	JAMA. 1994 Jul 27;272(4):272; author reply 273-4.
1994	---	---	---	Sociology	Silicone gel breast implants.	USA	Wise DM.	Medicine	JAMA. 1994 Jul 27;272(4):272-3; author

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									reply 273-4.
1994	Causal Relation	---	---	---	Sclerodermalike esophageal disease in children of mothers with silicone breast implants.	USA	Bartel DR.	Medicine	JAMA. 1994 Sep 14;272(10):767; author reply 769-70.
1994	Causal Relation	---	---	---	Sclerodermalike esophageal disease in children of mothers with silicone breast implants.	USA	Cook RR.	Medicine	JAMA. 1994 Sep 14;272(10):767-8; author reply 769-70.
1994	Causal Relation	---	---	---	Sclerodermalike esophageal disease in children of mothers with silicone breast implants.	USA	Epstein WA.	Medicine	JAMA. 1994 Sep 14;272(10):768; author reply 769-70.
1994	Causal Relation	---	---	---	Sclerodermalike esophageal disease in children of mothers with silicone breast implants.	USA	Placik OJ.	Medicine	JAMA. 1994 Sep 14;272(10):768-9; author reply 769-70.
1994	Causal Relation	---	---	---	Sclerodermalike esophageal disease in children of mothers with silicone breast implants.	Canada	Levine MD.	Medicine	JAMA. 1994 Sep 14;272(10):769; author reply 769-70.
1994	Causal Relation	---	---	---	Sclerodermalike esophageal disease in children of mothers with silicone breast implants.	Taiwan	Liau M, Ito S, Koren G.	Medicine	JAMA. 1994 Sep 14;272(10):769; author reply 769-70.
1994	Causal Relation	---	---	---	Sclerodermalike esophageal disease in children of mothers with silicone breast implants.	USA	Brody GS.	Medicine	JAMA. 1994 Sep 14;272(10):770.
1994	Complication	---	Rupture	---	Adjuvant breast disease: an evaluation of 100 symptomatic women with breast implants or silicone fluid injections.	USA	Shoab BO, Patten BM, Calkins DS.	Medicine	Keio J Med. 1994 Jun;43(2):79-87.
1994	---	---	---	Lactation	Silicone breast implants, breastfeeding, and scleroderma.	USA	Williams AF.	Medicine	Lancet. 1994 Apr 23;343(8904):1043-4.
1994	Causal Relation	---	---	---	Silicone implant controversy continues.	USA	Bridges AJ.	Medicine	Lancet. 1994 Nov 26;344(8935):1451-2.
1994	Complication	---	---	---	Meaning of autoantibodies in lupus-like syndromes.	USA	Tan EM.	Medicine	Lupus. 1994 Dec;3(6):483-5.
1994	Complication	---	Rupture	---	Silicone breast implant rupture: common/serious complication?	UK	Malata CM, et al.	Medicine	Med Prog Technol. 1994;20(3-4):251-60.
1994	Complication	Diagnosis	---	---	Fourier transform infrared microspectroscopy used to identify foreign materials related to breast implants.	USA	Hardt NS, et al.	Medicine	Mod Pathol. 1994 Aug;7(6):669-76.
1994	Complication	---	Rupture	---	The synovial structure of breast-implant-associated bursae.	USA	Emery JA, et al.	Medicine	Mod Pathol. 1994 Sep;7(7):728-33.
1994	Causal Relation	---	---	---	Risk of connective-tissue diseases and other disorders after breast implantation.	USA	Gabriel SE, et al.	Medicine	N Engl J Med. 1994 Jun 16;330(24):1697-702.
1994	Causal Relation	---	---	Regulation/Sociology	Do breast implants cause systemic disease? Science in the courtroom.	USA	Angell M.	Medicine	N Engl J Med. 1994 Jun 16;330(24):1748-9.
1994	Causal Relation	---	---	---	Breast implants and connective-tissue diseases.	USA	Solomon G, Espinoza L, Silverman S.	Medicine	N Engl J Med. 1994 Nov 3;331(18):1231; author reply 1233-4.
1994	Causal Relation	---	---	---	Breast implants and connective-tissue diseases.	USA	Naim JO, Lanzafame RJ, van Oss CJ.	Medicine	N Engl J Med. 1994 Nov 3;331(18):1232; author reply 1233-4.
1994	Causal Relation	---	---	---	Breast implants and connective-tissue diseases.	USA	Spiera RF, Gibofsky A, Spiera H.	Medicine	N Engl J Med. 1994 Nov 3;331(18):1232; author reply 1233-4.

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1994	Causal Relation	---	---	---	Breast implants and connective-tissue diseases.	USA	Wallace DJ, Schwartz E.	Medicine	N Engl J Med. 1994 Nov 3;331(18):1232-3; author reply 1233-4.
1994	Causal Relation	---	---	---	Breast implants and connective-tissue diseases.	USA	Levine AM.	Medicine	N Engl J Med. 1994 Nov 3;331(18):1233; author reply 1233-4.
1994	Causal Relation	---	---	---	Breast implants and connective-tissue diseases.	USA	Wong O.	Medicine	N Engl J Med. 1994 Nov 3;331(18):1233; author reply 1233-4.
1994	---	---	Rupture	---	The silicone bust, part II.	?	Slobodien HD.	Medicine	N J Med. 1994 Aug;91(8):511.
1994	Experience	Experience	---	---	[Initial results of immediate reconstruction of the breast following mastectomy].	Netherlands	van de Vrie W, et al.	Medicine	Ned Tijdschr Geneesk. 1994 Sep 24;138(39):1949-53.
1994	Complication	---	---	---	Synthetic biomaterials for soft-tissue augmentation and replacement in the head and neck.	USA	Costantino PD.	Medicine	Otolaryngol Clin North Am. 1994 Feb;27(1):223-62.
1994	---	---	---	Lactation	Silicone breast implants and breast-feeding.	USA	Berlin CM Jr.	Medicine	Pediatrics. 1994 Oct;94(4 Pt 1):547-9.
1994	---	---	Rupture	---	US appearance of ruptured silicone breast implants.	USA	Rubin JM, et al.	Medicine	Radiology. 1994 Feb;190(2):583-4.
1994	---	Diagnosis	Rupture	---	Silicone breast implant ruptures in an animal model: comparison of mammography, MR imaging, US, and CT.	USA	Gorczyca DP, et al.	Medicine	Radiology. 1994 Jan;190(1):227-32.
1994	---	Diagnosis	Rupture	---	Breast implant rupture: diagnosis with US.	USA	Caskey CI, et al.	Medicine	Radiology. 1994 Mar;190(3):819-23.
1994	---	Diagnosis	Rupture	---	Linguine sign at MR imaging: does it represent the collapsed silicone implant shell?	USA	Gorczyca DP, et al.	Medicine	Radiology. 1994 May;191(2):576-7.
1994	Complication	---	---	---	[Protracted periodic fever and breast prosthesis].	France	Schlienger JL, Haenel P, Jaeck D.	Medicine	Rev Med Interne. 1994;15(8):557-9.
1994	Complication	Diagnosis	---	---	[The long-term changes after the implantation of silicone breast prostheses].	Austria	Baldt M, et al.	Medicine	Rofo. 1994 May;160(5):441-7.
1994	Causal Relation	---	---	---	No link between disease and breast implants.	South Africa	[No authors listed]	Medicine	S Afr Med J. 1994 Jul;84(7):15-7.
1994	---	---	---	Regulation/Sociology	The status of silicone implants.	South Africa	Morris WM.	Medicine	S Afr Med J. 1994 Oct;84(10):695-6.
1994	---	---	---	Sociology	[Silicon blossoms].	Switzerland	Lüscher NJ, de Roche R.	Medicine	Schweiz Rundsch Med Prax. 1994 Sep 13;83(37):1023-4.
1994	Causal Relation	---	Bleeding/Migration	---	Silicone toxicology.	USA	Busch H.	Medicine	Semin Arthritis Rheum. 1994 Aug;24(1 Suppl 1):11-7.
1994	Causal Relation	---	---	---	Siliconosis: a spectrum of illness.	USA	Borenstein D.	Medicine	Semin Arthritis Rheum. 1994 Aug;24(1 Suppl 1):1-7.
1994	Causal Relation	---	Rupture	---	A pathophysiological examination of the biophysics and bioreactivity of silicone breast implants.	USA	Kossovsky N, Stassi J.	Medicine	Semin Arthritis Rheum. 1994 Aug;24(1 Suppl 1):18-21.
1994	Complica	---	Rupture	---	Clinical findings in symptomatic women	USA	Vasey FB, et al.	Medicine	Semin Arthritis Rheum.

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	tion				with silicone breast implants.				1994 Aug;24(1 Suppl 1):22-8.
1994	Causal Relation	---	---	Epidemiology	A clinical and laboratory profile of symptomatic women with silicone breast implants.	USA	Solomon G.	Medicine	Semin Arthritis Rheum. 1994 Aug;24(1 Suppl 1):29-37.
1994	Causal Relation	---	---	---	Epidemiology of silicone-related disease.	USA	Swan SH.	Medicine	Semin Arthritis Rheum. 1994 Aug;24(1 Suppl 1):38-43.
1994	Complication	---	---	---	A profile of symptomatic patients with silicone breast implants: a Sjögrens-like syndrome.	USA	Freundlich B, et al.	Medicine	Semin Arthritis Rheum. 1994 Aug;24(1 Suppl 1):44-53.
1994	Causal Relation	---	Rupture	---	Autoantibodies in patients with silicone implants.	USA	Bridges AJ.	Medicine	Semin Arthritis Rheum. 1994 Aug;24(1 Suppl 1):54-60.
1994	Experience	Experience	---	---	Silicone breast prostheses implantation and explanation.	USA	Friedman RJ.	Medicine	Semin Arthritis Rheum. 1994 Aug;24(1 Suppl 1):8-10.
1994	Causal Relation	---	---	---	Autoimmune disease following the use of silicone gel-filled breast implants: a review of the clinical literature.	USA	Edelman DA, Grant S, van Os WA.	Medicine	Semin Arthritis Rheum. 1994 Dec;24(3):183-9.
1994	Complication	---	Rupture	---	Atypical chest pain syndrome in patients with breast implants.	USA	Lu LB, Shoaib BO, Patten BM.	Medicine	South Med J. 1994 Oct;87(10):978-84.
1994	---	---	---	Sociology	Breast implant controversy deserves more study.	UK	Smith CA.	Medicine	Tex Med. 1994 Feb;90(2):7-8.
1994	---	---	---	Sociology	[Silicone breast prostheses].	Norway	Holmboe J, Hanssen LE.	Medicine	Tidsskr Nor Laegeforen. 1994 Nov 30;114(29):3490.
1994	Causal Relation	---	---	---	Suppressed natural killer cell activity in patients with silicone breast implants: reversal upon explantation.	USA	Campbell A, Brautbar N, Vojdani A.	Medicine	Toxicol Ind Health. 1994 May-Jun;10(3):149-54.
1994	---	---	Rupture	---	Ruptured silicone breast implant: a misleading chest X-ray.	UK	Dick AC, et al.	Medicine	Ulster Med J. 1994 Oct;63(2):238-40.
1994	Complication	Diagnosis	---	---	Light and electron microscopic study of an invasive cribriform carcinoma with extensive microcalcification developing in a breast with silicone augmentation.	UK	Shousha S, et al.	Medicine	Ultrastruct Pathol. 1994 Sep-Oct;18(5):519-23.
1994	Causal Relation	---	Rupture	---	Antinuclear antibodies and breast implants.	USA	Claman HN, Robertson AD.	Medicine	West J Med. 1994 Mar;160(3):225-8.
1994	---	Technique	---	---	Breast reconstruction using an innovative flap procedure.	USA	Harden JT, Girard N.	Nursing	AORN J. 1994 Aug;60(2):184-92.
1994	---	---	Bleeding/Migration	---	Breast implant endoscopy. Detecting leaks in silicone-gel breast implants.	USA	Stone J, Dowden RV.	Nursing	AORN J. 1994 May;59(5):1007-9, 1012-5.
1994	---	---	---	Registry	The National Breast Implant Registry.	USA	O'Donnell M.	Nursing	Br J Theatre Nurs. 1994 Feb;3(11):24.
1994	---	---	---	Sociology	Silicone gel breast implants.	UK	Ludgate SM.	Nursing	Br J Theatre Nurs. 1994 Feb;3(11):25.
1994	Causal Relation	---	---	Regulation/Sociology	Health risks for women with breast implants.	USA	Schumann D.	Nursing	Nurse Pract. 1994 Jul;19(7):19-20, 23-5, 29-30.
1994	Causal Relation	---	---	---	Immunology of silicone breast implants.	USA	Kossovsky N, Freiman CJ.	Science	J Biomater Appl. 1994 Jan;8(3):237-46.
1994	Causal Relation	---	---	---	Silicone breast implants and autoimmunity: causation or myth?	USA	Brautbar N, Vojdani A.	Sociology	Arch Environ Health. 1994 May-Jun;49(3):151-3.

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							Campbell A.		
1994	Causal Relation	---	---	---	Breast implants: is there an association with connective tissue disease?	UK	Tinkler J, Gott D, Ludgate S.	Sociology	Health Trends. 1994;26(1):25-6.
1994	Causal Relation	---	---	---	Breast silicone implants and risk of systemic lupus erythematosus.	USA	Strom BL, et al.	Sociology	J Clin Epidemiol. 1994 Oct;47(10):1211-4.
1994	Complication	---	Rupture	Regulation/Sociology	Silicone breast implant litigation (Part 1).	USA	Shiffman MA.	Sociology	Med Law. 1994;13(7-8):681-716.
1994	---	---	---	Sociology	Castell v. De Greef.	South Africa	South Africa. Supreme Court, Cape Provincial Division.	Sociology	S Afr Law Rep. 1994 Feb 17;1994(4):408-41.
1994	---	Treatment	---	---	Liponecrotic cysts after augmentation mammoplasty with fat injections.	Switzerland	Maillard GF.	Surgery	Aesthetic Plast Surg. 1994 Fall;18(4):405-6.
1994	---	Diagnosis	---	---	New uses of mammary ultrasonography.	Italy	Caecialanza E, et al.	Surgery	Aesthetic Plast Surg. 1994 Spring;18(2):189-93.
1994	---	---	---	History	[History of augmentation mammoplasty].	France	Glicenstein J.	Surgery	Ann Chir Plast Esthet. 1994 Dec;38(6):647-55.
1994	---	---	Manufacture	---	[Manufacture of breast prostheses].	France	Sitbon E.	Surgery	Ann Chir Plast Esthet. 1994 Dec;38(6):672-9.
1994	---	---	Material	---	[Smooth-walled pre-filled silicone breast prostheses].	France	Muller GH, Chavoïn JP.	Surgery	Ann Chir Plast Esthet. 1994 Dec;38(6):687-94.
1994	---	---	Material	---	[Inflatable breast prostheses].	France	Sitbon E, et al.	Surgery	Ann Chir Plast Esthet. 1994 Dec;38(6):695-706.
1994	---	---	Rupture	---	[Rupture of prostheses pre-filled with silicone gel].	France	Sitbon E, Nicoletis C.	Surgery	Ann Chir Plast Esthet. 1994 Dec;38(6):745-57.
1994	Causal Relation	---	---	---	[Silicone breast prostheses and autoimmune diseases].	France	Koeger AC, et al.	Surgery	Ann Chir Plast Esthet. 1994 Dec;38(6):783-90.
1994	Causal Relation	---	---	---	[Carcinologic risk of silicone gel breast prostheses in women treated for breast cancer].	France	Petit JY, Rietjens M, Lê M, Mouriesse H.	Surgery	Ann Chir Plast Esthet. 1994 Dec;38(6):801-3.
1994	Causal Relation	---	---	---	[Report of experts: on possible adverse effects of breast implants with silicone gel].	France	Gervais P.	Surgery	Ann Chir Plast Esthet. 1994 Dec;38(6):819-22.
1994	---	---	---	Regulation/Sociology	[Future of breast implants].	France	Muller GH.	Surgery	Ann Chir Plast Esthet. 1994 Dec;38(6):823-4.
1994	---	---	---	Regulation/Sociology	[Breast prostheses. Freedom of decision].	France	Nicoletis C.	Surgery	Ann Chir Plast Esthet. 1994 Dec;38(6):825-6.
1994	Complication	---	---	---	[Mammary silicone granuloma. Apropos of 3 cases].	France	Laxenaire A, et al.	Surgery	Ann Chir Plast Esthet. 1994 Dec;39(6):725-32.
1994	---	Technique	---	---	[Internal breast support grids in the surgery for breast hypertrophy and ptosis. Technique and indications].	France	Dessapt B.	Surgery	Ann Chir Plast Esthet. 1994 Jun;38(3):313-22.
1994	---	Diagnosis	---	---	Improved mammographic imaging using tissue expanders for breast augmentation.	USA	Matory WE Jr, D'Orsi C, Moss L.	Surgery	Ann Plast Surg. 1994 Aug;33(2):119-27.
1994	---	Diagnosis	Rupture	---	Regional silicone-gel migration in patients with ruptured implants.	USA	Ahn CY, Shaw WW.	Surgery	Ann Plast Surg. 1994 Aug;33(2):201-8.
1994	---	Technique	---	---	Transverse rectus abdominis musculocutaneous flaps after liposuction of the abdomen.	USA	Godfrey PM, Godfrey NV.	Surgery	Ann Plast Surg. 1994 Aug;33(2):209-10.

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1994	---	Diagnosis	Rupture	---	Silicone implant rupture diagnosis using computed tomography: a case report and experience with 22 surgically removed implants.	USA	Ahn CY, et al.	Surgery	Ann Plast Surg. 1994 Dec;33(6):624-8.
1994	Causal Relation	---	---	---	Fibroblast behavior in vitro is unaltered by products of staphylococci cultured from silicone implants.	USA	Dobke MK, et al.	Surgery	Ann Plast Surg. 1994 Feb;32(2):118-25.
1994	Causal Relation	---	---	---	Is there a relationship between autoantibodies and silicone-gel implants?	Canada	Peters W, et al.	Surgery	Ann Plast Surg. 1994 Jan;32(1):1-5; discussion 5-7.
1994	Causal Relation	---	---	---	Local increase in hyaluronic acid and interleukin-2 in the capsules surrounding silicone breast implants.	USA	Wells AF, et al.	Surgery	Ann Plast Surg. 1994 Jul;33(1):1-5.
1994	---	Diagnosis	Rupture	---	Evaluation of ultrasound as a tool in the follow-up of patients with breast implants: a preliminary, prospective study.	USA	Petro JA, et al.	Surgery	Ann Plast Surg. 1994 Jun;32(6):580-7.
1994	---	---	Surface Type	---	Smooth versus textured expander implants: a double-blind study of capsule quality and discomfort in simultaneous bilateral breast reconstruction patients.	USA	May JW Jr, et al.	Surgery	Ann Plast Surg. 1994 Mar;32(3):225-32; discussion 232-3.
1994	---	Diagnosis	Rupture	---	Factors affecting the rupture of silicone-gel breast implants.	Canada	Peters W, et al.	Surgery	Ann Plast Surg. 1994 May;32(5):449-51.
1994	Complication	---	---	---	Postmastectomy complications in breast reconstruction.	USA	Crespo LD, et al.	Surgery	Ann Plast Surg. 1994 May;32(5):452-6.
1994	---	Technique	---	---	Complex reconstruction of the chest wall and breast utilizing a customized silicone implant.	USA	Hochberg J, et al.	Surgery	Ann Plast Surg. 1994 May;32(5):524-8.
1994	---	Diagnosis	---	---	Mammographic and sonographic findings after silicone injection.	USA	Leibman AJ, Sybers R.	Surgery	Ann Plast Surg. 1994 Oct;33(4):412-4.
1994	---	---	---	Sociology	Tom's rule.	USA	Morain WD.	Surgery	Ann Plast Surg. 1994 Oct;33(4):458-9.
1994	---	Diagnosis	Rupture	---	Re: Factors affecting the rupture of silicone-gel breast implants.	Australia	Olbourne NA.	Surgery	Ann Plast Surg. 1994 Oct;33(4):462-3.
1994	---	Diagnosis	Rupture	---	Clinical impact of breast implant magnetic resonance imaging.	USA	Dobke MK, Middleton MS.	Surgery	Ann Plast Surg. 1994 Sep;33(3):241-6.
1994	---	Diagnosis	Rupture	---	Comparison of mammography, sonography, and magnetic resonance imaging in the detection of silicone-gel breast implant rupture.	USA	Reynolds HE, et al.	Surgery	Ann Plast Surg. 1994 Sep;33(3):247-55; discussion 256-7.
1994	---	Diagnosis	Rupture	---	Magnetic resonance imaging of in situ mammary prostheses.	USA	Drake DB, et al..	Surgery	Ann Plast Surg. 1994 Sep;33(3):258-62.
1994	Complication	QoL	---	---	Treatment considerations in postmastectomy reconstruction: their relative importance and relationship to patient satisfaction.	USA	Anderson SG, Rodin J, Ariyan S.	Surgery	Ann Plast Surg. 1994 Sep;33(3):263-70; discussion 270-1.
1994	---	Diagnosis	Rupture	---	The role of ultrasound imaging in the diagnosis of breast implant rupture: a prospective study.	UK	Liston JC, et al.	Surgery	Br J Plast Surg. 1994 Oct;47(7):477-82.
1994	---	Diagnosis	Rupture	---	Implant rupture by mammography.	UK	Pickford MA, Webster MH.	Surgery	Br J Plast Surg. 1994 Oct;47(7):512.
1994	---	---	---	History	[History of breast augmentation].	France	Glicenstein J.	Surgery	Chirurgie. 1993-1994;119(10):611-3.

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1994	Causal Relation	---	---	---	[Autoimmune diseases related to silicone breast prostheses].	France	Koeger AC, et al.	Surgery	Chirurgie. 1993-1994;119(10):618-25.
1994	---	---	---	Regulation/Sociology	Impact of the FDA ban on silicone breast implants.	USA	Cohen IK.	Surgery	J Surg Oncol. 1994 May;56(1):1.
1994	Complication	Technique	---	---	[A choice of reconstructive plastic surgery with endoprosthesis of the breast after radical mastectomy].	Russia	Pronin VI, et al.	Surgery	Khirurgiia (Mosk). 1994 Mar;(3):37-9.
1994	---	Technique	---	---	Incisions for removing and/or replacing silicone gel breast implants.	USA	Zandi I.	Surgery	Plast Reconstr Surg. 1994 Apr;93(5):1103.
1994	Causal Relation	---	---	---	The health status of women following cosmetic surgery.	USA	Wells KE, et al.	Surgery	Plast Reconstr Surg. 1994 Apr;93(5):907-12.
1994	Risk/Safety	---	---	---	Health risks of failed silicone gel breast implants: a 30-year clinical experience.	USA	Duffy MJ, Woods JE.	Surgery	Plast Reconstr Surg. 1994 Aug;94(2):295-9.
1994	Causal Relation	---	---	---	Periprosthetic bacteria and the breast implant patient with systemic symptoms.	USA	Dowden RV.	Surgery	Plast Reconstr Surg. 1994 Aug;94(2):300-5.
1994	---	---	Property	---	Hyaluronic acid-filled mammary implants: an experimental study.	USA	Lin K, et al.	Surgery	Plast Reconstr Surg. 1994 Aug;94(2):306-15; discussion 316-7.
1994	---	---	---	Sociology	What influences public perceptions of silicone breast implants?	USA	Larson DL, et al.	Surgery	Plast Reconstr Surg. 1994 Aug;94(2):318-25; discussion 326-7.
1994	---	Treatment	---	---	The effect of Siltex texturing and povidone-iodine irrigation on capsular contracture around saline inflatable breast implants.	USA	Burkhardt BR, Demas CP.	Surgery	Plast Reconstr Surg. 1994 Jan;93(1):123-8; discussion 129-30.
1994	Complication	---	---	---	Can breast reconstruction with gel-filled silicone implants increase the risk of death and second primary cancer in patients treated by mastectomy for breast cancer?	France	Petit JY, et al.	Surgery	Plast Reconstr Surg. 1994 Jul;94(1):115-9.
1994	Causal Relation	---	---	---	Evaluation of the patient with silicone gel breast implants and rheumatic complaints.	USA	Cohen SB, Rohrich RJ.	Surgery	Plast Reconstr Surg. 1994 Jul;94(1):120-5.
1994	Complication	Technique	---	---	Changing trends in postmastectomy breast reconstruction: a 13-year experience.	USA	Trabulsy PP, Anthony JP, Mathes SJ.	Surgery	Plast Reconstr Surg. 1994 Jun;93(7):1418-27.
1994	---	---	Rupture	---	Managing the ruptured silicone gel breast implant.	USA	Gerut ZE.	Surgery	Plast Reconstr Surg. 1994 Jun;93(7):1529-30.
1994	---	---	Rupture	---	Rupture and aging of silicone gel breast implants.	USA	deCamara DL.	Surgery	Plast Reconstr Surg. 1994 Jun;93(7):1533.
1994	---	---	Rupture	---	Rupture and aging of silicone gel breast implants.	Germany	Schmidt GH.	Surgery	Plast Reconstr Surg. 1994 Jun;93(7):1533.
1994	Causal Relation	---	---	---	Desmoid tumor of the breast following augmentation mammoplasty.	USA	Schuh ME, Radford DM.	Surgery	Plast Reconstr Surg. 1994 Mar;93(3):603-5.
1994	Causal Relation	---	---	---	Breast prostheses, the immune response, and B- and T-lymphocytes.	USA	Raso DS.	Surgery	Plast Reconstr Surg. 1994 Mar;93(3):649-50.
1994	Causal Relation	---	Rupture	---	Silicon tissue assays in nonaugmented cadaveric patients: is there a baseline level?	USA	Evans GR, et al.	Surgery	Plast Reconstr Surg. 1994 May;93(6):1117-22.
1994	Complication	---	---	---	The capsule quality of saline-filled smooth silicone, textured silicone, and polyurethane implants in rabbits: a	USA	Bucky LP, et al.	Surgery	Plast Reconstr Surg. 1994 May;93(6):1123-31; discussion 1132-3.

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					long-term study.				
1994	---	Diagnosis	Rupture	Regulation/Sociology	Imaging of complications of augmentation mammoplasty.	USA	Leibman AJ.	Surgery	Plast Reconstr Surg. 1994 May;93(6):1134-40.
1994	---	---	---	Sociology	The impact of the media on women with breast implants.	USA	Onken HD.	Surgery	Plast Reconstr Surg. 1994 May;93(6):1312-3.
1994	---	Diagnosis	Rupture	---	MRI of a silicone breast implant surrounded by an enlarging hemorrhagic collection.	USA	Frankel SD, et al.	Surgery	Plast Reconstr Surg. 1994 Nov;94(6):865-8.
1994	---	---	Rupture	---	Breast implant rupture due to gunshot injury.	Canada	Pramod NK, Thoma A.	Surgery	Plast Reconstr Surg. 1994 Nov;94(6):893-4.
1994	---	Diagnosis	Rupture	---	Comparative silicone breast implant evaluation using mammography, sonography, and magnetic resonance imaging: experience with 59 implants.	USA	Ahn CY, et al.	Surgery	Plast Reconstr Surg. 1994 Oct;94(5):620-7.
1994	Complication	---	---	---	Silicone breakdown and capsular synovial metaplasia in textured-wall saline breast prostheses.	USA	Copeland M, Choi M, Bleiweiss IJ.	Surgery	Plast Reconstr Surg. 1994 Oct;94(5):628-33; discussion 634-6.
1994	Complication	---	---	---	Listeria infection of silicone breast implant.	USA	Gnanadesigan N, Pechter EA, Mascola L.	Surgery	Plast Reconstr Surg. 1994 Sep;94(3):531-3; discussion 534-5.
1994	Complication	Technique	---	---	Breast reconstruction in older women.	USA	August DA, et al.	Surgery	Surgery. 1994 Jun;115(6):663-8.
1994	---	---	Design	---	[Clinical use of indigenous tear-drop shaped breast prosthesis].	China	Teng L, Qiao Q, Ling YC.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1994 Mar;10(2):114-6.
1994	Causal Relation	---	---	---	[Experimental study of tissue reaction produced by indigenous small-sized silicon gel breast prosthesis].	China	Teng L, Ling YC, Zhuang Q.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1994 Sep;10(5):356-7.
1995	---	Diagnosis	---	---	Scanner design assists MRI of the breast.	USA	Pugh PA, Burnett KR.	Medical Devices	Diagn Imaging (San Franc). 1995 Oct;Suppl:MR7-9.
1995	---	Diagnosis	---	---	Silicone-suppressed 3D MRI of the breast using rotating delivery of off-resonance excitation.	USA	Harms SE, et al.	Medical Devices	J Comput Assist Tomogr. 1995 May-Jun;19(3):394-9.
1995	---	Diagnosis	Rupture	---	MR imaging of slipped stacked breast implants: a potential pitfall in the diagnosis of intracapsular rupture.	USA	Mason AC, et al.	Medical Devices	Magn Reson Imaging. 1995;13(2):339-42.
1995	---	---	Bleeding/Migration	---	Migration and accumulation of silicone in the liver of women with silicone gel-filled breast implants.	USA	Pfleiderer B, Garrido L.	Medical Devices	Magn Reson Med. 1995 Jan;33(1):8-17.
1995	---	Diagnosis	---	---	High resolution solid-state ²⁹ Si NMR spectroscopy of silicone gels used to fill breast prostheses.	Canada	Dorne L, et al.	Medical Devices	Magn Reson Med. 1995 Oct;34(4):548-54.
1995	Complication	Technique	---	---	Breast reconstruction.	Finland	van Smitten K.	Medicine	Acta Oncol. 1995;34(5):685-8.
1995	Causal Relation	---	---	---	Silicone gels as adjuvants. Effects on humoral and cell-mediated immune responses.	USA	Naim JO, van Oss CJ.	Medicine	Adv Exp Med Biol. 1995;383:1-6.
1995	---	Technique	Rupture	---	Surgical removal of ruptured breast implants: the use of intraoperative sonography in localizing free silicone.	USA	Conant EF, et al.	Medicine	AJR Am J Roentgenol. 1995 Dec;165(6):1378-9.
1995	Causal Relation	---	---	---	Silica exposure and autoimmune diseases.	USA	Steenland K, Goldsmith DF.	Medicine	Am J Ind Med. 1995 Nov;28(5):603-8.

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1995	Complication	---	---	---	Capsular synovial-like hyperplasia around mammary implants similar to detritic synovitis. A morphologic and immunohistochemical study of 15 cases.	USA	Hameed MR, Erlandson R, Rosen PP.	Medicine	Am J Surg Pathol. 1995 Apr;19(4):433-8.
1995	Complication	---	---	---	Follicular lymphoma adjacent to foreign body granulomatous inflammation and fibrosis surrounding silicone breast prosthesis.	USA	Cook PD, et al.	Medicine	Am J Surg Pathol. 1995 Jun;19(6):712-7.
1995	Causal Relation	---	---	---	[Complications from silicone implants and other so-called inert materials].	France	Faure M.	Medicine	Ann Dermatol Venereol. 1995;122(6-7):455-9.
1995	Causal Relation	---	---	---	Breast cancer after breast augmentation with silicone implants.	USA	Cahan AC, et al.	Medicine	Ann Surg Oncol. 1995 Mar;2(2):121-5.
1995	---	---	Rupture	---	Silicone breast implant-associated scarring dystrophy of the arm.	USA	Teuber SS, et al.	Medicine	Arch Dermatol. 1995 Jan;131(1):54-6.
1995	---	---	---	Sociology	-Optimizing patient information-.	Switzerland	Gröbly U.	Medicine	Arch Gynecol Obstet. 1995;256 Suppl:S128-34.
1995	---	---	---	Sociology	-Possibilities and limits of imaging for evaluating breast implants-.	France	Tristant H.	Medicine	Arch Gynecol Obstet. 1995;256 Suppl:S135-47.
1995	---	---	---	Sociology	-"Is Switzerland an area for trying new non-homologous medical products?"-.	Switzerland	Dudler N.	Medicine	Arch Gynecol Obstet. 1995;256 Suppl:S148-54.
1995	Complication	---	Material	---	-Breast implants: prevention and therapy of early and late complications. New products and alternatives.	Switzerland	Maillard GF, Brun del Re R.	Medicine	Arch Gynecol Obstet. 1995;256 Suppl:S155-62.
1995	Complication	---	---	Regulation/Sociology	Performance standards for medical device approvals.	USA	Silver FH, Glasgold AI.	Medicine	Arch Otolaryngol Head Neck Surg. 1995 Jul;121(7):719-21.
1995	Causal Relation	---	---	---	Scleroderma in women with silicone breast implants: comment on the article by Sánchez-Guerrero et al.	USA	Spiera RF, Gibofsky A, Spiera H.	Medicine	Arthritis Rheum. 1995 May;38(5):719, 721.
1995	Causal Relation	---	---	---	Rheumatic disease symptoms and silicone breast implants: comment on the article by Cook et al and the article by Sánchez-Guerrero et al.	USA	Vasey FB, et al.	Medicine	Arthritis Rheum. 1995 May;38(5):719-21.
1995	Causal Relation	---	---	---	Regarding silicone implants and rheumatic disorders.	USA	Ehrlich GE.	Medicine	Arthritis Rheum. 1995 May;38(5):721-2.
1995	---	---	---	Regulation/Sociology	"Junk science" in the courtroom. Causes and effects.	USA	Price JM, Gates GS.	Medicine	ASAIO J. 1995 Apr-Jun;41(2):139-42.
1995	---	---	Rupture	---	Elevated serum silicon levels in women with silicone gel breast implants.	USA	Teuber SS, et al.	Medicine	Biol Trace Elem Res. 1995 May;48(2):121-30.
1995	Risk/Safety	---	---	Sociology	[Internal breast prostheses of silicone: accidents and medico-legal consequences].	France	Gervais P, Chabaux C.	Medicine	Bull Acad Natl Med. 1995 Mar;179(3):585-96; discussion 596-8.
1995	Risk/Safety	Technique	---	---	Reconstruction after mastectomy.	USA	Osteen RT.	Medicine	Cancer. 1995 Nov 15;76(10 Suppl):2070-4.
1995	Causal Relation	---	---	---	T-cell response in women with silicone breast implants.	USA	Cohen JJ.	Medicine	Clin Diagn Lab Immunol. 1995 Mar;2(2):253-4.
1995	Causal Relation	---	---	---	Silicone breast implants and connective-tissue diseases.	Italy	Valesini G, et al.	Medicine	Clin Exp Rheumatol. 1995 Jul-Aug;13(4):421-3.
1995	Causal Relation	---	---	---	Skin rash and anti-Ro/SS-A antibodies in an infant from a mother with silicone breast implants.	USA	Gedalia A, Cuéllar ML, Espinoza LR.	Medicine	Clin Exp Rheumatol. 1995 Jul-Aug;13(4):521-3.
1995	---	Diagnosis	---	---	Mammographic appearances following	Australia	Frazer CK,	Medicine	Clin Radiol. 1995

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		is			breast prosthesis removal.		Wylie EJ.		May;50(5):314-7.
1995	Causal Relation	---	---	---	Silicone breast implant--associated musculoskeletal manifestations.	USA	Cuellar ML, et al.	Medicine	Clin Rheumatol. 1995 Nov;14(6):667-72.
1995	Causal Relation	---	---	Epidemiology	Epidemiology of the rheumatic diseases.	UK	Peacock DJ, Cooper C.	Medicine	Curr Opin Rheumatol. 1995 Mar;7(2):82-6.
1995	Complication	---	---	---	Overlapping syndromes, undifferentiated connective tissue disease, and other fibrosing conditions.	Netherlands	Kallenberg CG.	Medicine	Curr Opin Rheumatol. 1995 Nov;7(6):568-73.
1995	Causal Relation	---	---	---	[Breast implants of silicone gel and the risk of connective tissue diseases].	?	[No authors listed]	Medicine	Dtsch Med Wochenschr. 1995 Feb 24;120(8):274.
1995	Causal Relation	---	---	---	Immunologic stimulation of T lymphocytes by silica after use of silicone mammary implants.	USA	Smalley DL, et al.	Medicine	FASEB J. 1995 Mar;9(5):424-7.
1995	Complication	---	Material	---	The effect of molecular weight and gel preparation on humoral adjuvancy of silicone oils and silicone gels.	USA	Naim JO, Ippolito KM, Lanzafame RJ.	Medicine	Immunol Invest. 1995 Mar;24(3):537-47.
1995	Causal Relation	---	---	---	The silicone controversy: towards a resolution.	USA	Rose NR, Potter M.	Medicine	Immunol Today. 1995 Oct;16(10):459-60.
1995	Risk/Safety	---	---	---	Breast cancer risk among women using silicone gel breast implants.	USA	Edelman DA, Grant S, van Os WA.	Medicine	Int J Fertil Menopausal Stud. 1995 Sep-Oct;40(5):274-80.
1995	Causal Relation	---	---	---	Sézary syndrome in association with silicone breast implant.	Spain	Sendagorta E, Ledo A.	Medicine	J Am Acad Dermatol. 1995 Dec;33(6):1060-1.
1995	Causal Relation	---	---	---	Cutaneous T-cell lymphoma in association with silicone breast implants.	USA	Duvic M, et al.	Medicine	J Am Acad Dermatol. 1995 Jun;32(6):939-42.
1995	Causal Relation	---	---	---	Multiple autoantibodies in patients with silicone breast implants.	Israel	Bar-Meir E, et al.	Medicine	J Autoimmun. 1995 Apr;8(2):267-77.
1995	Causal Relation	---	---	---	Induction of type II collagen arthritis in the DA rat using silicone gels and oils as adjuvant.	USA	Naim JO, et al.	Medicine	J Autoimmun. 1995 Oct;8(5):751-61.
1995	Causal Relation	---	---	---	More comments regarding rheumatology issue.	USA	Hamilton JM.	Medicine	J Fla Med Assoc. 1995 Aug;82(8):565.
1995	Complication	---	---	---	Observation on women with breast implants.	USA	Vasey FB.	Medicine	J Fla Med Assoc. 1995 May;82(5):348-51.
1995	---	---	---	Regulation/Sociology	Good science rules in the controversy surrounding breast implants.	USA	Luria LW, Carter W, Habal M.	Medicine	J Fla Med Assoc. 1995 Oct;82(10):703.
1995	---	---	---	Sociology	Scientists grapple with silicones, breast implant research.	UK	Anderson LF.	Medicine	J Natl Cancer Inst. 1995 May 3;87(9):634-5.
1995	Causal Relation	---	---	---	Women's reports of breast implant problems and silicone-related illness.	USA	Logothetis ML.	Medicine	J Obstet Gynecol Neonatal Nurs. 1995 Sep;24(7):609-16.
1995	Causal Relation	---	---	---	Silicone breast implants and connective tissue diseases: an ongoing controversy.	USA	Martin L.	Medicine	J Rheumatol. 1995 Feb;22(2):198-200.
1995	Causal Relation	---	---	---	Serum antinuclear antibodies in women with silicone breast implants.	USA	Cuellar ML, et al.	Medicine	J Rheumatol. 1995 Feb;22(2):236-40.
1995	Causal Relation	---	---	---	Position 26 of the first domain of the HLA-DQB1 allele in post-silicone implant scleroderma.	USA	Morse JH, et al.	Medicine	J Rheumatol. 1995 Oct;22(10):1872-5.
1995	Causal Relation	---	---	Regulation/Sociology	Silicone breast implants and risk of cancer?	USA	McLaughlin JK, et al.	Medicine	JAMA. 1995 Jan 11;273(2):116.
1995	Causal	---	---	---	Silicone implant controversy.	USA	Swan SH, et al.	Medicine	Lancet. 1995 Feb

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	Relation								4:345(8945):319.
1995	Causal Relation	---	---	Regulation/Sociology	Silicone breast implantation: doubts about the fears.	Australia	Brooks PM.	Medicine	Med J Aust. 1995 Apr 17;162(8):432-4.
1995	Causal Relation	---	---	---	Still more on breast implants and connective-tissue diseases.	USA	Fuchs H, et al.	Medicine	N Engl J Med. 1995 Aug 24;333(8):526.
1995	Causal Relation	---	---	---	Silicone breast implants and the risk of connective-tissue diseases and symptoms.	USA	Sánchez-Guerrero J, et al.	Medicine	N Engl J Med. 1995 Jun 22;332(25):1666-70.
1995	Causal Relation	---	---	---	More on breast implants and connective-tissue diseases.	USA	Romanelli JN.	Medicine	N Engl J Med. 1995 May 11;332(19):1306-7.
1995	Causal Relation	---	---	---	Breast implants and connective-tissue diseases.	USA	Vasey FB, Aziz N.	Medicine	N Engl J Med. 1995 Nov 23;333(21):1423; author reply 1424.
1995	Causal Relation	---	---	---	Breast implants and connective-tissue diseases.	USA	Abraham JL.	Medicine	N Engl J Med. 1995 Nov 23;333(21):1424.
1995	Causal Relation	---	---	---	Breast implants and connective-tissue diseases.	Sweden	van Vollenhoven R.	Medicine	N Engl J Med. 1995 Nov 23;333(21):1424.
1995	Causal Relation	---	---	Regulation/Sociology	Impact of silicone implants on the lives of women with breast cancer.	USA	Coleman EA, et al.	Medicine	Oncol Nurs Forum. 1995 Nov-Dec;22(10):1493-500.
1995	Causal Relation	---	---	---	The breast implant controversy: psychosocial implications.	?	[No authors listed]	Medicine	Oncology (Williston Park). 1995 Jan;9(1):12.
1995	Complication	---	---	Sociology	Reconstruction and augmentation patients' reaction to the media coverage of silicone gel-filled implants: anxiety evaluated.	USA	Anderson RC, Larson DL.	Medicine	Psychol Rep. 1995 Jun;76(3 Pt 2):1323-30.
1995	---	---	Rupture	---	Evaluation of the augmented breast.	USA	Reynolds HE.	Medicine	Radiol Clin North Am. 1995 Nov;33(6):1131-45.
1995	---	Diagnosis	---	---	Magnetic resonance imaging of the breast.	USA	Cleveland DL, Broussard M.	Medicine	Radiol Technol. 1995 Nov-Dec;67(2):177-80.
1995	---	Diagnosis	---	---	Breast cancer diagnosis in women with subglandular silicone gel-filled augmentation implants.	USA	Fajardo LL, et al.	Medicine	Radiology. 1995 Mar;194(3):859-62.
1995	---	Diagnosis	Rupture	---	Single- and double- lumen silicone breast implant integrity: prospective evaluation of MR and US criteria.	USA	Berg WA, et al.	Medicine	Radiology. 1995 Oct;197(1):45-52.
1995	---	Diagnosis	---	---	MR imaging of the breast.	USA	Weinreb JC, Newstead G.	Medicine	Radiology. 1995 Sep;196(3):593-610.
1995	---	Technique	---	---	[Immediate and late reconstruction of the breast using tissue expanders].	Brazil	Carramaschi F, et al.	Medicine	Rev Hosp Clin Fac Med Sao Paulo. 1995;50 Suppl:6-9.
1995	Complication	---	---	---	Shoulder pain as the inaugural manifestation of silicone breast implant intolerance.	France	Sichère P, et al.	Medicine	Rev Rhum Engl Ed. 1995 Feb;62(2):151-2.
1995	---	---	---	Sociology	Battle scars. For plastic surgeons, psychological effects linger from silicone breast implant controversy.	USA	Moran T.	Medicine	Tex Med. 1995 Jan;91(1):30-4.
1995	Complication	---	---	---	True synovial metaplasia of breast implant capsules: a light and electron microscopic study.	USA	del Rosario AD, et al.	Medicine	Ultrastruct Pathol. 1995 Mar-Apr;19(2):83-93.
1995	---	---	Material	---	Society for ultrastructural pathology 1994 pathologist-in-training award.	USA	Hewan-Lowe K.	Medicine	Ultrastruct Pathol. 1995 Mar-Apr;19(2):iii-v.
1995	Causal Relation	---	---	---	Immunopathologic effects of silicone breast implants.	USA	Teuber SS, et al.	Medicine	West J Med. 1995 May;162(5):418-25.

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1995	---	---	---	Sociology	Silicone revisited.	UK	Shipley MJ.	Nursing	Am J Nurs. 1995 May;95(5):19.
1995	---	---	---	Regulation/Sociology	Breast implants: the debate goes on.	Canada	Guerette PH.	Nursing	Can Nurse. 1995 Dec;91(11):12.
1995	Risk/Safety	---	---	Sociology	The silicone breast implant controversy.	Canada	Guerette PH.	Nursing	Can Nurse. 1995 Feb;91(2):31-7.
1995	Risk/Safety	---	---	Sociology	Breast implants: a gender issue?	Canada	Reid L.	Nursing	Can Nurse. 1995 Feb;91(2):38-40.
1995	---	---	---	Sociology	A research critique: the impact of the media on women with breast implants.	?	Hinojosa RJ.	Nursing	Plast Surg Nurs. 1995 Fall;15(3):179-81.
1995	---	---	Rupture	Sociology	Patient concerns related to media coverage of silicone implants.	USA	Anderson RC, Larson DL.	Nursing	Plast Surg Nurs. 1995 Summer;15(2):89-91.
1995	---	Diagnosis	---	---	Failure of ²⁹ Si NMR to detect increased blood silicon levels in silicone gel breast implant recipients.	Canada	Macdonald P, et al.	Science	Anal Chem. 1995 Oct 15;67(20):3799-801.
1995	Causal Relation	---	---	---	Self-reported signs and symptoms in breast implant patients with novel antibodies to silicone surface associated antigens anti-SSAA(x).	USA	Kossovsky N, et al.	Science	J Appl Biomater. 1995 Fall;6(3):153-60.
1995	Causal Relation	---	---	---	Physicochemical and immunological basis of silicone pathophysiology.	USA	Kossovsky N, Freiman CJ.	Science	J Biomater Sci Polym Ed. 1995;7(2):101-13.
1995	Causal Relation	---	---	---	Do silicone breast implants cause autoimmune rheumatic diseases?	USA	Smith HR.	Science	J Biomater Sci Polym Ed. 1995;7(2):115-21.
1995	Causal Relation	---	---	---	The effect of silicone-gel on the immune response.	USA	Naim JO, et al.	Science	J Biomater Sci Polym Ed. 1995;7(2):123-32.
1995	Causal Relation	---	---	---	Silicone breast implants and autoimmunity: causation, association, or myth?	USA	Brautbar N, Campbell A, Vojdani A.	Science	J Biomater Sci Polym Ed. 1995;7(2):133-45.
1995	Causal Relation	---	---	---	Rheumatic disorders in patients with silicone implants: a critical review.	USA	Bridges AJ.	Science	J Biomater Sci Polym Ed. 1995;7(2):147-57.
1995	Causal Relation	---	---	---	Can the silicone controversy be resolved with rational certainty?	USA	Kossovsky N.	Science	J Biomater Sci Polym Ed. 1995;7(2):97-100.
1995	Causal Relation	---	---	---	Silicone breast implants: the role of immune system on capsular contracture formation.	Italy	Granchi D, et al.	Science	J Biomed Mater Res. 1995 Feb;29(2):197-202.
1995	Causal Relation	---	---	---	Simple technique for the preparation of silicone gel particles: the effect of silicone gel particles on oxidative responses of macrophages.	USA	Azizsoltani E, et al.	Science	J Biomed Mater Res. 1995 Jan;29(1):101-5.
1995	Causal Relation	---	---	---	Assessment of viability and proliferation of in vivo silicone-primed lymphocytes after in vitro re-exposure to silicone.	Italy	Ciapetti G, et al.	Science	J Biomed Mater Res. 1995 May;29(5):583-90.
1995	Risk/Safety	---	Design	Regulation/Sociology	The evolution of FDA policy on silicone breast implants: a case study of politics, bureaucracy, and business in the process of decision-making.	USA	Palley HA.	Sociology	Int J Health Serv. 1995;25(4):573-91.
1995	---	---	---	Sociology	Breast implants: the tyranny of the anecdote.	UK	Mann RD.	Sociology	J Clin Epidemiol. 1995 Apr;48(4):504-6.
1995	Causal Relation	---	---	Regulation/Sociology	Silicone breast implants and long-term health effects: when are data adequate?	USA	Lamm SH.	Sociology	J Clin Epidemiol. 1995 Apr;48(4):507-11.
1995	Experien	Experie	---	---	The prevalence of women with breast	USA	Cook RR, et al.	Sociology	J Clin Epidemiol. 1995

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	ce	ncc			implants in the United States--1989.			y	Apr;48(4):519-25.
1995	Clinical Study	Clinical Study	---	---	Trends in the utilization of silicone breast implants, 1964-1991, and methodology for a population-based study of outcomes.	USA	Gabriel SE, et al.	Sociology	J Clin Epidemiol. 1995 Apr;48(4):527-37.
1995	Causal Relation	---	---	---	Human breast sarcoma and human breast implantation: a time trend analysis based on SEER data (1973-1990).	USA	Engel A, Lamm SH, Lai SH.	Sociology	J Clin Epidemiol. 1995 Apr;48(4):539-44.
1995	Risk/Safety	---	---	Epidemiology	Epidemiologic follow-up studies of breast augmentation patients.	USA	Brinton LA, et al.	Sociology	J Clin Epidemiol. 1995 Apr;48(4):557-63.
1995	Causal Relation	---	---	---	Breast implants, rheumatoid arthritis, and connective tissue diseases in a clinical practice.	USA	Goldman JA, et al.	Sociology	J Clin Epidemiol. 1995 Apr;48(4):571-82.
1995	---	---	---	Sociology	A patient's right of access to medical records.	Australia	Kirby MD.	Sociology	J Contemp Health Law Policy. 1995 Fall;12(1):93-111.
1995	Causal Relation	---	Rupture	Regulation/Sociology	Silicone breast implants: immunotoxic and epidemiologic issues.	USA	Yoshida SH, et al.	Sociology	Life Sci. 1995 Mar 10;56(16):1299-310.
1995	Causal Relation	---	---	---	Risk of connective tissue disorders (CTDs) among women with breast implants.	USA	Gabriel SE, et al.	Sociology	Life Sci. 1995;57(19):1737-40.
1995	---	---	---	Regulation/Sociology	Silicone breast implant litigation (Part 2).	USA	Shiffman MA.	Sociology	Med Law. 1995;14(1-2):59-85.
1995	Causal Relation	---	---	---	The silicone breast implant controversy. Silicone toxicity and autoimmunity.	USA	Brautbar N.	Sociology	Natl Med Leg J. 1995;6(2):1, 4-7.
1995	Causal Relation	---	---	---	The silicone breast implant controversy. A LNCs experience with silicone breast implant litigation.	USA	Montgomery B.	Sociology	Natl Med Leg J. 1995;6(2):3.
1995	---	Technique	Bleeding/Migration	---	Local infiltrative anesthesia for transaxillary subpectoral breast implants.	Argentina	Mottura AA.	Surgery	Aesthetic Plast Surg. 1995 Jan-Feb;19(1):37-9.
1995	Causal Relation	Technique	---	---	Endoscopic plastic surgery: the endoscopic evaluation of implants after breast augmentation.	Austria	Beer GM, Kompatscher P.	Surgery	Aesthetic Plast Surg. 1995 Jul-Aug;19(4):353-9.
1995	Risk/Safety	Diagnosis	---	---	Residual silicone detection using MRI following previous breast implant removal: case reports.	USA	Ahn CY, et al.	Surgery	Aesthetic Plast Surg. 1995 Jul-Aug;19(4):361-7.
1995	---	Technique	---	---	Breast reconstruction following removal of silicone implants: a new technique.	India	Sharma RK, Jackson IT.	Surgery	Aesthetic Plast Surg. 1995 May-Jun;19(3):247-50.
1995	Complication	---	---	---	Mondor's disease and aesthetic breast surgery: report of case secondary to mastopexy with augmentation.	Spain	Marin-Bertolin S, et al.	Surgery	Aesthetic Plast Surg. 1995 May-Jun;19(3):251-2.
1995	Complication	---	---	---	[Siliconomas].	France	Arion H.	Surgery	Ann Chir Plast Esthet. 1995 Apr;40(2):208-9.
1995	Causal Relation	---	Bleeding/Migration	---	Do patients with silicone-gel breast implants have elevated levels of blood silicon compared with control patients?	Canada	Peters W, et al.	Surgery	Ann Plast Surg. 1995 Apr;34(4):343-7.
1995	---	Diagnosis	Rupture	---	Measurement of breast implant volume with magnetic resonance imaging.	USA	Mineyev M, et al.	Surgery	Ann Plast Surg. 1995 Apr;34(4):348-51.
1995	---	Diagnosis	Rupture	---	Utility of magnetic resonance imaging and ultrasonography in diagnosing breast	USA	Weizer G, et al.	Surgery	Ann Plast Surg. 1995 Apr;34(4):352-61.

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					implant rupture.				
1995	Complication	---	---	---	Synovial metaplasia of a periprosthetic capsule surrounding a polyurethane foam breast prosthesis.	USA	Raso DS, Greene WB.	Surgery	Ann Plast Surg. 1995 Aug;35(2):201-3.
1995	Causal Relation	---	---	---	A meta-analysis of breast implants and connective tissue disease.	USA	Perkins LL, et al.	Surgery	Ann Plast Surg. 1995 Dec;35(6):561-70.
1995	Complication	---	Bleeding/Migration	---	Monitoring the axilla in patients with silicone gel implants.	USA	Kulber DA, et al.	Surgery	Ann Plast Surg. 1995 Dec;35(6):580-4.
1995	Causal Relation	---	---	---	Silicone breast implants and autoimmune connective tissue disease.	Canada	Peters W.	Surgery	Ann Plast Surg. 1995 Jan;34(1):103-9.
1995	---	---	Property	---	Analysis of explanted silicone implants: a report of 300 patients.	USA	Robinson OG Jr, Bradley EL, Wilson DS.	Surgery	Ann Plast Surg. 1995 Jan;34(1):1-6; discussion 6-7.
1995	Complication	---	---	---	Calcification of breast implant capsules: incidence, diagnosis, and contributing factors.	Canada	Peters W, Smith D.	Surgery	Ann Plast Surg. 1995 Jan;34(1):8-11.
1995	Complication	---	---	---	Characterization of microbial presence at the surface of silicone mammary implants.	USA	Dobke MK, et al.	Surgery	Ann Plast Surg. 1995 Jun;34(6):563-9; discussion 570-1.
1995	Complication	---	---	Sociology	Psychological and rheumatic symptoms of women requesting silicone breast implant removal.	USA	Wells KE, et al.	Surgery	Ann Plast Surg. 1995 Jun;34(6):572-7.
1995	Causal Relation	---	Material	---	Analysis of silicon levels in capsules of gel and saline breast implants and of penile prostheses.	Canada	Peters W, et al.	Surgery	Ann Plast Surg. 1995 Jun;34(6):578-84.
1995	---	---	Property	---	Re: Analysis of explanted silicone implants: a report of 300 patients.	USA	Ashbell TS.	Surgery	Ann Plast Surg. 1995 Jun;34(6):671-2.
1995	Complication	Technique	---	---	Restoration of breast contour with autologous tissue after removal of implants.	USA	Weiss PR, Ship AG.	Surgery	Ann Plast Surg. 1995 Mar;34(3):236-41.
1995	Complication	---	---	---	Clinical significance of intracapsular fluid in patients' breast implants.	USA	Ahn CY, et al.	Surgery	Ann Plast Surg. 1995 Nov;35(5):455-7.
1995	Causal Relation	Treatment	---	---	Desmoid tumor occurring after reconstruction mammoplasty for breast carcinoma.	USA	Dale PS, et al.	Surgery	Ann Plast Surg. 1995 Nov;35(5):515-8.
1995	---	---	Bleeding/Migration	---	Re: Do patients with silicone-gel breast implants have elevated levels of blood silicon compared with control patients?	USA	Garrido L, Ackerman JL.	Surgery	Ann Plast Surg. 1995 Oct;35(4):441-3.
1995	---	---	Property	---	Re: Analysis of explanted silicone implants: a report of 300 patients.	Germany	Schmidt GH.	Surgery	Ann Plast Surg. 1995 Sep;35(3):335.
1995	---	---	Rupture	---	Silicone thorax: a complication of tube thoracostomy in the presence of mammary implants.	USA	Rice DC, et al.	Surgery	Ann Thorac Surg. 1995 Nov;60(5):1417-9.
1995	Causal Relation	---	---	---	Silicone-associated tissue reaction: a dilemma for oral and maxillofacial surgeons.	UK	Gregory GF.	Surgery	Br J Oral Maxillofac Surg. 1995 Jun;33(3):180-4.
1995	Experience	Experience	---	---	Immediate and delayed breast reconstruction with permanent tissue expanders.	Greece	Mandrekas AD, Zambacos GJ, Katsantoni PN.	Surgery	Br J Plast Surg. 1995 Dec;48(8):572-8.
1995	---	Technique	Rupture	---	Silicone injection granulomas of the breast: treatment by subcutaneous mastectomy and immediate subpectoral	Taiwan	Chen TH.	Surgery	Br J Plast Surg. 1995 Mar;48(2):71-6.

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					breast implant.				
1995	Causal Relation	---	---	---	Aggressive fibromatosis of the chest associated with a silicone breast implant.	USA	Schiller VL, Arndt RD, Brenner RJ.	Surgery	Chest. 1995 Nov;108(5):1466-8.
1995	---	Diagnosis	---	---	Compromising abnormalities of the brachial plexus as displayed by magnetic resonance imaging.	USA	Collins JD, et al..	Surgery	Clin Anat. 1995;8(1):1-16.
1995	---	Technique	---	---	Endoscopic capsulotomy by means of laser--a new therapeutic method in cases of capsular contracture.	Germany	Herrmann U.	Surgery	Endosc Surg Allied Technol. 1995 Apr-Jun;3(2-3):112-4.
1995	Causal Relation	---	---	---	[Assessment of various immunologic parameters in silicone implant carriers].	Italy	Granchi D, et al.	Surgery	G Chir. 1995 Nov-Dec;16(11-12):479-85.
1995	---	Technique	---	---	[Results of various reconstructive methods after subcutaneous mastectomy and objective evaluation of tissue fibrosis with a new measurement procedure].	Austria	Deutinger M, et al.	Surgery	Handchir Mikrochir Plast Chir. 1995 May;27(3):115-8.
1995	---	Technique	---	---	[Mammography of the reconstructed breast--a comparison of different methods of reconstruction].	Austria	Hoflehner H, et al.	Surgery	Handchir Mikrochir Plast Chir. 1995 May;27(3):119-23.
1995	---	Technique	---	---	[Implantable sites in cancerology. The percutaneous technique. Results of a homogeneous series of 141 cases].	France	Maillart P, et al.	Surgery	J Chir (Paris). 1995 Dec;132(12):495-8.
1995	Complication	---	---	---	Inflammatory intermediates produced by tissues encasing silicone breast prostheses.	USA	Mena EA, et al.	Surgery	J Invest Surg. 1995 Jan-Feb;8(1):31-42.
1995	Complication	---	---	---	Silicone tissue assays.	Canada	Marion RB.	Surgery	Plast Reconstr Surg. 1995 Apr;95(4):770-1.
1995	---	---	Surface Type	---	Textured silicone breast implants.	USA	Ersek RA.	Surgery	Plast Reconstr Surg. 1995 Apr;95(4):771-2.
1995	Causal Relation	---	---	Regulation/Sociology	Breast reconstruction after mastectomy: who seeks it, who refuses?	USA	Rowland JH, et al.	Surgery	Plast Reconstr Surg. 1995 Apr;95(5):812-22; discussion 823.
1995	---	Diagnosis	Rupture	---	Rupture of implants following mammography.	USA	Beraka GJ.	Surgery	Plast Reconstr Surg. 1995 Apr;95(5):936-7.
1995	Complication	---	---	---	The capsule in various types of breast implants.	USA	Maxwell GP, Perry L.	Surgery	Plast Reconstr Surg. 1995 Apr;95(5):937-8.
1995	---	Technique	---	---	Breast augmentation with autologous tissue: an alternative to implants.	Germany	Hollos P.	Surgery	Plast Reconstr Surg. 1995 Aug;96(2):381-4; discussion 385.
1995	Complication	---	Rupture	---	HLA typing in women with breast implants.	USA	Young VL, et al.	Surgery	Plast Reconstr Surg. 1995 Dec;96(7):1497-519; discussion 1520.
1995	Complication	---	Rupture	---	The fate of breast implants: a critical analysis of complications and outcomes.	USA	Handel N, et al.	Surgery	Plast Reconstr Surg. 1995 Dec;96(7):1521-33.
1995	---	---	Bleeding/Migration	---	Intraductal migration of silicone.	Switzerland	Bloomenstein RB.	Surgery	Plast Reconstr Surg. 1995 Dec;96(7):1746-7.
1995	Causal Relation	---	---	---	Silicone breakdown and clinical implications of mammary and extramammary synovial metaplasia in periprosthetic capsules.	USA	Raso DS, Greene WB, Metcalf JS.	Surgery	Plast Reconstr Surg. 1995 Dec;96(7):1747.

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1995	---	Technique	---	---	Silicone gel implant explantation.	USA	Vasey FB, et al.	Surgery	Plast Reconstr Surg. 1995 Dec;96(7):1748-9.
1995	---	---	Surface Type	---	Histologic comparison of breast implant shells with smooth, foam, and pillar microstructuring in a rat model from 1 day to 6 months.	USA	Batra M, Bernard S, Picha G.	Surgery	Plast Reconstr Surg. 1995 Feb;95(2):354-63.
1995	Causal Relation	---	---	---	Complications related to retained breast implant capsules.	USA	Hardt NS, et al.	Surgery	Plast Reconstr Surg. 1995 Feb;95(2):364-71.
1995	Causal Relation	---	---	Regulation/Sociology	Localized Mycobacterium avium-intracellulare mastitis in an immunocompetent woman with silicone breast implants.	USA	Lee D, Goldstein EJ, Zarem HA.	Surgery	Plast Reconstr Surg. 1995 Jan;95(1):142-4.
1995	---	---	---	Reprocess	The reuse of tissue expanders in developing countries.	Israel	Westreich M, Yeschua R.	Surgery	Plast Reconstr Surg. 1995 Jan;95(1):200.
1995	---	---	Rupture	---	Silicone gel implant explantation: reasons, results, and admonitions.	USA	Slavin SA, Goldwyn RM.	Surgery	Plast Reconstr Surg. 1995 Jan;95(1):63-9.
1995	---	Diagnosis	Rupture	---	Evaluation of autogenous tissue breast reconstruction using MRI.	USA	Ahn CY, et al.	Surgery	Plast Reconstr Surg. 1995 Jan;95(1):70-6.
1995	Causal Relation	---	---	---	Hematoma as a late complication in breast reconstruction with silicone gel prostheses.	USA	Cederna JP.	Surgery	Plast Reconstr Surg. 1995 Jul;96(1):235-6.
1995	Causal Relation	---	---	---	Two cases of apparent silicone allergy.	USA	Kirwan L.	Surgery	Plast Reconstr Surg. 1995 Jul;96(1):236-7.
1995	---	Diagnosis	Rupture	---	Detection of breast implant rupture with aspiration cytology.	USA	Caffee HH, Hardt NS, La Torre G.	Surgery	Plast Reconstr Surg. 1995 Jun;95(7):1145-9.
1995	---	---	EQUAM	---	EQUAM consensus declaration on the safety of silicone breast implants.	Netherlands	Nicolai JP.	Surgery	Plast Reconstr Surg. 1995 Jun;95(7):1339-40.
1995	Complication	---	---	---	Electron probe microanalysis of silicon and the role of the macrophage in proximal (capsule) and distant sites in augmentation mammoplasty patients.	USA	Greene WB, et al.	Surgery	Plast Reconstr Surg. 1995 Mar;95(3):513-9.
1995	Complication	---	Bleeding/Migration	---	Intraductal migration of silicone from intact gel breast prostheses.	Australia	Holten IW, Barnett RA.	Surgery	Plast Reconstr Surg. 1995 Mar;95(3):563-6; discussion 567-8.
1995	Complication	---	---	---	Consensus of opinion regarding capsulectomy.	Brazil	Marques A, Brenda E.	Surgery	Plast Reconstr Surg. 1995 Mar;95(3):609-10.
1995	Causal Relation	---	Rupture	---	Tissue humoral response to intact and ruptured silicone gel-filled prostheses.	USA	Sanger JR, et al.	Surgery	Plast Reconstr Surg. 1995 May;95(6):1033-8.
1995	Risk/Safety	---	---	---	Health risks of failed silicone gel breast implants.	USA	Handel N.	Surgery	Plast Reconstr Surg. 1995 May;95(6):1129, 1131.
1995	---	Technique	---	---	Removal of silicone from breast implants.	Korea	Kim DC, Buinewicz BR.	Surgery	Plast Reconstr Surg. 1995 Nov;96(6):1486.
1995	Risk/Safety	---	---	---	Silicone implants and the inhibition of cancer.	USA	Su CW, et al.	Surgery	Plast Reconstr Surg. 1995 Sep;96(3):513-8; discussion 519-20.
1995	Risk/Safety	---	---	Sociology	The image of plastic surgeons in news media coverage of the silicone breast implant controversy.	USA	Vanderford ML, Smith DH, Olive T.	Surgery	Plast Reconstr Surg. 1995 Sep;96(3):521-38.
1995	---	Diagnosis	Rupture	---	MRI findings in subjects with breast implants.	USA	Frankel S, et al.	Surgery	Plast Reconstr Surg. 1995 Sep;96(4):852-9.
1995	---	Diagnosis	Rupture	---	Radiographic diagnosis of breast implant rupture: current status and comparison of	USA	Samuels JB, et al.	Surgery	Plast Reconstr Surg. 1995 Sep;96(4):865-77.

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					techniques.				
1995	---	---	Surface Type	---	Capsular contracture after breast reconstruction with the tissue expansion technique. A comparison of smooth and textured silicone breast prostheses.	Denmark	Thuesen B, et al.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 1995 Mar;29(1):9-13.
1995	Complication	---	---	---	[An analysis of complications after implantation of saline-filled silicone prosthesis for augmentation mammoplasty in 294 cases].	China	Zhu H, Lin W, Quan G.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1995 Jul;11(4):248-50.
1995	---	Treatment	---	---	[Experience in management of capsular contraction through areolar incision after implantation of prosthesis for augmentation mammoplasty].	China	Luo S, Chen L, Luo J.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1995 Jul;11(4):251-2.
1995	Complication	Technique	---	---	[Mammoplasty immediately after mastectomy for breast cancer].	China	Shi S, Lang Y.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1995 Jul;11(4):253-4.
1996	---	Diagnosis	---	---	Pulsed magnetization transfer contrast for MR imaging with application to breast.	USA	Santyr GE, Kelcz F, Schneider E.	Medical Devices	J Magn Reson Imaging. 1996 Jan-Feb;6(1):203-12.
1996	---	Diagnosis	Rupture	---	MR imaging of silicone breast implants: evaluation of prospective and retrospective interpretations and interobserver agreement.	USA	Quinn SF, et al.	Medical Devices	J Magn Reson Imaging. 1996 Jan-Feb;6(1):213-8.
1996	---	Diagnosis	---	---	Use of a modified polysaccharide gel in developing a realistic breast phantom for MRI.	USA	Mazzara GP, et al.	Medical Devices	Magn Reson Imaging. 1996;14(6):639-48.
1996	---	Diagnosis	---	---	²⁹ Si NMR and blood silicon levels in silicone gel breast implant recipients.	USA	Taylor RB, Kennan JJ.	Medical Devices	Magn Reson Med. 1996 Sep;36(3):498-501.
1996	---	Diagnosis	Rupture	---	Complex radial folds versus subtle signs of intracapsular rupture of breast implants: MR findings with surgical correlation.	USA	Soo MS, et al.	Medicine	AJR Am J Roentgenol. 1996 Jun;166(6):1421-7.
1996	Complication	Diagnosis	---	---	MR imaging of breast implants and their complications.	USA	Morgan DE, et al.	Medicine	AJR Am J Roentgenol. 1996 Nov;167(5):1271-5.
1996	---	Diagnosis	Rupture	---	The role of diagnostic imaging in women with breast implants.	USA	Barloon TJ, et al.	Medicine	Am Fam Physician. 1996 Nov 1;54(6):2029-36.
1996	Complication	---	---	---	A case-control study to assess possible triggers and cofactors in chronic fatigue syndrome.	USA	MacDonald KL, et al.	Medicine	Am J Med. 1996 May;100(5):548-54.
1996	Causal Relation	---	Rupture	---	Peripheral blood eosinophilia, hyperimmunoglobulinemia A and fatigue: possible complications following rupture of silicone breast implants.	USA	Levenson T, Greenberger PA, Murphy R.	Medicine	Ann Allergy Asthma Immunol. 1996 Aug;77(2):119-22.
1996	Complication	---	---	Epidemiology	Reported complications of silicone gel breast implants: an epidemiologic review.	USA	Silverman BG, et al.	Medicine	Ann Intern Med. 1996 Apr 15;124(8):744-56.
1996	Causal Relation	---	Rupture	---	Kikuchi's histiocytic necrotizing lymphadenitis associated with ruptured silicone breast implant.	USA	Sever CE, et al.	Medicine	Arch Pathol Lab Med. 1996 Apr;120(4):380-5.
1996	---	---	---	Lactation	Should breast-feeding by women with silicone implants be recommended?	USA	Jordan ME, Blum RW.	Medicine	Arch Pediatr Adolesc Med. 1996 Aug;150(8):880-1.
1996	Causal Relation	---	---	---	Lack of association between augmentation mammoplasty and systemic sclerosis (scleroderma).	USA	Hochberg MC, et al.	Medicine	Arthritis Rheum. 1996 Jul;39(7):1125-31.

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1996	---	---	---	Regulation/Sociology	The silicone breast implant controversy: the other courtroom.	USA	Rose NR.	Medicine	Arthritis Rheum. 1996 Oct;39(10):1615-8.
1996	Causal Relation	---	---	---	The American College of Rheumatology statement on silicone breast implants represents a consensus.	USA	Rosenbaum J.	Medicine	Arthritis Rheum. 1996 Oct;39(10):1765.
1996	Causal Relation	---	---	---	Silicone? Silica? Scleroderma. A need to look further?	Germany	Englert M, et al.	Medicine	Aust N Z J Med. 1996 Dec;26(6):858.
1996	Causal Relation	---	---	---	Silicone breast implants--where have we been and where are we now?	Australia	Gatenby PA.	Medicine	Aust N Z J Med. 1996 Jun;26(3):341-2.
1996	Causal Relation	---	---	---	Scleroderma and silicone gel breast prostheses--the Sydney study revisited.	Australia	Englert H, et al.	Medicine	Aust N Z J Med. 1996 Jun;26(3):349-55.
1996	Complication	---	---	---	Primary effusion lymphoma in women: report of two cases of Kaposi's sarcoma herpes virus-associated effusion-based lymphoma in human immunodeficiency virus-negative women.	USA	Said JW, et al.	Medicine	Blood. 1996 Oct 15;88(8):3124-8.
1996	Experience	Experience	---	---	Clinical Outcome of Immediate Breast Reconstruction Using a Silicone Gel-filled Implant after Nipple-preserving Mastectomy.	Japan	Yoshimura G, et al.	Medicine	Breast Cancer. 1996 Mar 29;3(1):47-52.
1996	---	---	---	Sociology	[Role of plastic surgery in the treatment of breast cancer].	France	Petit JY, Lehmann A.	Medicine	Bull Acad Natl Med. 1996 Feb;180(2):317-28; discussion 328-31.
1996	Causal Relation	---	---	---	Phenotype of lymphocytes associated with the inflammatory reaction to silicone gel breast implants.	USA	Katzin WE, et al.	Medicine	Clin Diagn Lab Immunol. 1996 Mar;3(2):156-61.
1996	Causal Relation	---	---	---	Silicate antibodies in women with silicone breast implants: development of an assay for detection of humoral immunity.	USA	Shen GQ, et al.	Medicine	Clin Diagn Lab Immunol. 1996 Mar;3(2):162-6.
1996	Complication	---	---	---	Elevated concentrations of interleukin-1 beta and interleukin-1 receptor antagonist in plasma of women with silicone breast implants.	USA	Ojo-Amaize EA, Lawless OJ, Peter JB.	Medicine	Clin Diagn Lab Immunol. 1996 May;3(3):257-9.
1996	Complication	---	---	---	Silicone breast implants and renal contrast agent: iatrogenic sources of "increased" bone density.	USA	Karimeddini MK, Spencer RP.	Medicine	Clin Nucl Med. 1996 Nov;21(11):889-90.
1996	Complication	---	---	---	Allergy to silicone: is it real?	USA	Finegold I.	Medicine	Compr Ther. 1996 Jun;22(6):393-8.
1996	Causal Relation	---	---	Epidemiology	Update on the epidemiology of the rheumatic diseases.	USA	Gabriel SE.	Medicine	Curr Opin Rheumatol. 1996 Mar;8(2):96-100.
1996	Causal Relation	---	---	Epidemiology	Epidemiology of systemic sclerosis.	USA	Silman AJ, Newman J.	Medicine	Curr Opin Rheumatol. 1996 Nov;8(6):585-9.
1996	Causal Relation	---	---	---	Induction of type II collagen arthritis in the DA rat using silicone gel as adjuvant.	USA	Naim JO, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:103-11.
1996	Causal Relation	---	---	---	The adjuvancy of silicones: dependency on compartmentalization.	USA	Klykken PC, White KL Jr.	Medicine	Curr Top Microbiol Immunol. 1996;210:113-21.
1996	Causal Relation	---	---	---	Silicone gel and octamethylcyclotetrasiloxane potentiate antibody production to bovine serum albumin in mice.	USA	Nicholson JJ 3rd, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:139-44.
1996	Causal Relation	---	---	---	HLA typing in women with and without silicone gel-filled breast implants.	USA	Young VL, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:209-25.

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1996	Causal Relation	---	---	---	T cell-mediated immune response to silica in silicone breast implant patients.	USA	Shanklin DR, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:227-36.
1996	Causal Relation	---	---	---	Immunohistopathology and T cell receptor gene expression in capsules surrounding silicone breast implants.	USA	O'Hanlon TP, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:237-42.
1996	Causal Relation	---	---	---	Macrophage-silicone interactions in women with breast prostheses.	USA	Hardt NS, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:245-52.
1996	---	Technique	---	---	Microscopic techniques and histologic findings in silicone mammary implant capsules and regional paranodal tissues.	USA	Shanklin DR, Smalley DL.	Medicine	Curr Top Microbiol Immunol. 1996;210:253-61.
1996	---	---	Property	---	Chemical, physical and mechanical analysis of explanted breast implants.	USA	Wolf CJ, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:25-37.
1996	Causal Relation	---	---	---	Antinuclear antibodies in apparently healthy women with breast implants.	USA	Claman HN, Robertson AD.	Medicine	Curr Top Microbiol Immunol. 1996;210:265-8.
1996	Causal Relation	---	---	---	Autoantibodies in patients with silicone implants.	USA	Bridges AJ, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:277-82.
1996	Causal Relation	---	---	---	Clinical and laboratory features of patients with scleroderma and silicone implants.	USA	Field T, Bridges AJ.	Medicine	Curr Top Microbiol Immunol. 1996;210:283-90.
1996	Causal Relation	---	---	---	Re-evaluation of autoantibodies and clinical overview of silicone-related disorders.	USA	Tan EM, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:291-8.
1996	Causal Relation	---	---	---	Development of scleroderma-like syndrome in Tsk/+ mice is not enhanced by silicone administration.	USA	Fronzoza C, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:299-306.
1996	Causal Relation	---	---	---	Comparative epitope mapping of antibodies to collagen in women with silicone breast implants, systemic lupus erythematosus and rheumatoid arthritis.	Australia	Rowley MJ, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:307-16.
1996	---	---	---	Sociology	Silica, silicon and silicones ... unraveling the mystery.	USA	Lane TH, Burns SA.	Medicine	Curr Top Microbiol Immunol. 1996;210:3-12.
1996	Causal Relation	---	---	---	The prevalence of autoantibodies in symptomatic and asymptomatic patients with breast implants and patients with fibromyalgia.	USA	Silverman S, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:317-22.
1996	Complication	---	---	---	Monocyte/macrophage infiltrates in the salivary glands of women with silicone breast implants.	USA	Freundlich B, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:323-6.
1996	Causal Relation	---	---	---	Novel anti-silicone surface-associated antigen antibodies (anti-SSAA(x)) may help differentiate symptomatic patients with silicone breast implants from patients with classical rheumatological disease.	USA	Kossovsky N, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:327-36.
1996	Causal Relation	---	---	---	Laboratory studies in breast implant patients: ANA positivity, gammaglobulin levels, and other autoantibodies.	USA	Lewy RI, Ezrailson E.	Medicine	Curr Top Microbiol Immunol. 1996;210:337-53.
1996	Causal Relation	---	---	---	Is the risk of multiple myeloma increased in patients with silicone implants?	USA	Tricot GJ, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:357-9.
1996	Causal Relation	---	---	---	Multiple myeloma in women with silicone breast implants. Serum immunoglobulin and interleukin-6 studies in women at risk.	USA	Garland LL, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:361-6.
1996	Causal	---	---	---	Silicone gel implants and monoclonal	USA	Silverman S, et	Medicine	Curr Top Microbiol

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	Relation				gammopathies: three cases of multiple myeloma and the prevalence of multiple myeloma and monoclonal gammopathy of undetermined significance.		al.		Immunol. 1996;210:367-74.
1996	Causal Relation	---	---	---	Monoclonal gammopathy of undetermined significance.	USA	Kyle RA.	Medicine	Curr Top Microbiol Immunol. 1996;210:375-83.
1996	---	---	---	Registry	The National Cancer Institute Silicone Implant/Multiple Myeloma Registry.	USA	Rabkin CS, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:385-7.
1996	Complication	Diagnosis	Bleeding/Migration	---	Silicon and silicone levels in patients with silicone implants.	Canada	Peters W, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:39-48.
1996	Causal Relation	---	---	---	The association of augmentation mammoplasty with connective tissue disease, including systemic sclerosis (scleroderma): a meta-analysis.	USA	Hochberg MC, Perlmutter DL.	Medicine	Curr Top Microbiol Immunol. 1996;210:411-7.
1996	Complication	---	---	Epidemiology	Epidemiology of autoimmune and immunological diseases in association with silicone implants: is there an excess of clinical disease or antibody response in population-based or other "controlled" studies?	USA	Kurland LT, Homburger HA.	Medicine	Curr Top Microbiol Immunol. 1996;210:427-30.
1996	---	Diagnosis	Bleeding/Migration	---	Detection of silicone migration and biodegradation with NMR.	USA	Garrido L, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:49-58.
1996	Causal Relation	---	Rupture	---	Serum silicon levels are elevated in women with silicone gel implants.	USA	Teuber SS, et al.	Medicine	Curr Top Microbiol Immunol. 1996;210:59-65.
1996	---	---	---	Lactation	Esophageal dysmotility in children breast-fed by mothers with silicone breast implants. Long-term follow-up and response to treatment.	USA	Levine JJ, et al.	Medicine	Dig Dis Sci. 1996 Aug;41(8):1600-3.
1996	---	Diagnosis	---	---	Comparison of mammographic image quality in various methods of reconstructive breast surgery.	Austria	Lindbichler F, et al.	Medicine	Eur Radiol. 1996;6(6):925-8.
1996	Causal Relation	---	Bleeding/Migration	---	[Axillary silicon lymphadenopathy after breast augmentation].	Germany	Falk S, Neudert H, Radeljic A.	Medicine	Geburtshilfe Frauenheilkd. 1996 Jan;56(1):55-7.
1996	---	---	---	Sociology	Dismissing the evidence: the medical response to women with silicone implant-related disorders.	Australia	Dumble LJ.	Medicine	Health Care Women Int. 1996 Nov-Dec;17(6):515-25.
1996	Complication	---	---	---	Breast swelling after pacemaker placement in an elderly woman.	USA	Crooks G, LaRossa D.	Medicine	Hosp Pract (1995). 1996 Jul 15;31(7):173-5.
1996	Causal Relation	---	---	---	The silicone controversy.	USA	Reed MJ.	Medicine	Immunol Today. 1996 Mar;17(3):147.
1996	Causal Relation	---	Rupture	---	Silicone granuloma in acral skin in a patient with silicone-gel breast implants and systemic sclerosis.	USA	Anderson DR, et al.	Medicine	Int J Dermatol. 1996 Jan;35(1):36-8.
1996	Causal Relation	---	Rupture	---	Silicone deposition in reconstruction scars of women with silicone breast implants.	USA	Raso DS, et al.	Medicine	J Am Acad Dermatol. 1996 Jul;35(1):32-6.
1996	Causal Relation	---	---	---	Silicone does not potentiate development of the scleroderma-like syndrome in tight skin (TSK/+) mice.	USA	Fronzoza C, et al.	Medicine	J Autoimmun. 1996 Aug;9(4):473-83.
1996	Causal Relation	---	---	---	A Comparison of Systemic Lupus Erythematosus and Scleroderma Patients	USA	Wallace DJ, et al.	Medicine	J Clin Rheumatol. 1996 Oct;2(5):257-61.

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					with and without Silicone Breast Implants.				
1996	---	Technique	---	---	Lump detection is enhanced in silicone breast models simulating postmenopausal breast tissue.	USA	McDermott MM, et al.	Medicine	J Gen Intern Med. 1996 Feb;11(2):112-4.
1996	Causal Relation	---	---	---	Increased urinary NO3(-) + NO2- and neopterin excretion in children breast fed by mothers with silicone breast implants: evidence for macrophage activation.	USA	Levine JJ, et al.	Medicine	J Rheumatol. 1996 Jun;23(6):1083-7.
1996	Causal Relation	---	---	Epidemiology	The epidemiology of scleroderma among women: assessment of risk from exposure to silicone and silica.	USA	Burns CJ, et al.	Medicine	J Rheumatol. 1996 Nov;23(11):1904-11.
1996	Causal Relation	---	---	---	Silicone breast implants and sclerodermalike esophageal disease in breast fed infants.	USA	Epstein WA.	Medicine	JAMA. 1996 Jan 17;275(3):184-5.
1996	---	Diagnosis	---	---	Diagnostic tests for silicone breast disease. From the Centers for Disease Control.	USA	[No authors listed]	Medicine	JAMA. 1996 Mar 6;275(9):680.
1996	Risk/Safety	---	---	Regulation/Sociology	Silicone breast implants: implications for society and surgeons.	USA	Renwick SB.	Medicine	Med J Aust. 1996 Sep 16;165(6):338-41.
1996	---	Technique	---	---	Skin-Sparing Mastectomy and Immediate Breast Reconstruction.	USA	Singletary SE.	Medicine	Medscape Womens Health. 1996 Oct;1(10):2.
1996	---	Diagnosis	---	---	Diagnostic tests for silicone breast disease.	USA	Centers for Disease Control and Prevention (CDC).	Medicine	MMWR Morb Mortal Wkly Rep. 1996 Feb 9;45(5):111-2.
1996	Risk/Safety	---	---	Regulation/Sociology	Shattuck Lecture--evaluating the health risks of breast implants: the interplay of medical science, the law, and public opinion.	USA	Angell M.	Medicine	N Engl J Med. 1996 Jun 6;334(23):1513-8.
1996	Risk/Safety	---	---	---	Evaluating the health risks of breast implants.	USA	Goldberg EP.	Medicine	N Engl J Med. 1996 Oct 10;335(15):1154; author reply 1156.
1996	Risk/Safety	---	---	---	Evaluating the health risks of breast implants.	USA	Egilman DS, Stubbs C.	Medicine	N Engl J Med. 1996 Oct 10;335(15):1154-5; author reply 1156.
1996	Risk/Safety	---	---	---	Evaluating the health risks of breast implants.	USA	Barthel HR, Barraza O, Meier LG.	Medicine	N Engl J Med. 1996 Oct 10;335(15):1155; author reply 1156.
1996	Risk/Safety	---	---	---	Evaluating the health risks of breast implants.	USA	Sunshine J.	Medicine	N Engl J Med. 1996 Oct 10;335(15):1155; author reply 1156.
1996	---	Technique	---	---	Post mastectomy breast reconstruction 1995 recent advances.	USA	Edney JJ.	Medicine	Nebr Med J. 1996 Mar;81(3):70-2.
1996	Complication	---	---	---	Neurosarcoidosis following augmentation mammoplasty with silicone.	Japan	Yoshida T, et al.	Medicine	Neurol Res. 1996 Aug;18(4):319-20.
1996	Causal Relation	---	---	---	The neuromythology of silicone breast implants.	USA	Rosenberg NL.	Medicine	Neurology. 1996 Feb;46(2):308-14.
1996	Complication	---	---	---	Pain after breast surgery: a survey of 282 women.	USA	Wallace MS, et al.	Medicine	Pain. 1996 Aug;66(2-3):195-205.
1996	Complication	---	---	---	Lack of autoantibody expression in children born to mothers with silicone breast implants.	USA	Levine JJ, et al.	Medicine	Pediatrics. 1996 Feb;97(2):243-5.

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1996	---	Diagnosis	---	---	Breast MR imaging for cancer detection and implant evaluation: potential pitfalls.	USA	Piccoli CW, Greer JG, Mitchell DG.	Medicine	Radiographics. 1996 Jan;16(1):63-75.
1996	Causal Relation	Diagnosis	Rupture	---	Silicone gel-filled breast implants in women: findings at H-1 MR spectroscopy.	USA	Pfleiderer B, et al.	Medicine	Radiology. 1996 Dec;201(3):777-83.
1996	---	Diagnosis	---	---	Unilateral axillary adenopathy secondary to a silicone wrist implant: report of a case detected at screening mammography.	USA	Roux SP, et al.	Medicine	Radiology. 1996 Feb;198(2):345-6.
1996	Causal Relation	---	---	---	A critical assessment of the relationship between silicone breast implants and connective tissue diseases.	USA	Wong O.	Medicine	Regul Toxicol Pharmacol. 1996 Feb;23(1 Pt 1):74-85.
1996	Causal Relation	---	---	---	Occupational and environmental influences on scleroderma.	UK	Silman AJ, Hochberg MC.	Medicine	Rheum Dis Clin North Am. 1996 Nov;22(4):737-49.
1996	---	Technique	---	---	Future prospects for reconstructive surgery in breast cancer.	Germany	Gabka CJ, Bohmert H.	Medicine	Semin Surg Oncol. 1996 Jan-Feb;12(1):67-75.
1996	Complication	---	Rupture	---	Human adjuvant disease: presentation as a multiple sclerosis-like syndrome.	USA	Shoab BO, Patten BM.	Medicine	South Med J. 1996 Feb;89(2):179-88.
1996	Risk/Safety	---	---	Regulation/Sociology	Is silicone safe? Let science decide.	USA	Shack RB.	Medicine	South Med J. 1996 Feb;89(2):251-2.
1996	Complication	---	---	---	Chest pain and breast implants.	USA	Cuéllar ML, Espinoza LR.	Medicine	South Med J. 1996 Jan;89(1):97.
1996	Complication	---	---	---	Chest pain and breast implants.	USA	Silver DS, Silverman SL.	Medicine	South Med J. 1996 Jan;89(1):97.
1996	Complication	---	---	---	Chest pain and breast implants.	USA	Mogelvang LC.	Medicine	South Med J. 1996 Jan;89(1):97-8; author reply 99-100.
1996	Complication	---	---	---	Chest pain and breast implants.	USA	Kulig K, Brent J, Phillips S.	Medicine	South Med J. 1996 Jan;89(1):98-9; author reply 99-100.
1996	---	Diagnosis	---	---	[Immune reaction against silicone? Testing of a test].	Norway	Dillerud E.	Medicine	Tidsskr Nor Laegeforen. 1996 May 30;116(14):1716-7.
1996	---	---	---	Sociology	Silastic breast implants--the medicolegal position (summary).	UK	Sharpe D.	Medicine	Trans Med Soc Lond. 1995-1996;112:51-3.
1996	---	Diagnosis	Rupture	---	Quantitative ultrasonic diagnosis of silicone breast implant rupture: an in vitro feasibility study.	USA	Forsberg F, et al.	Medicine	Ultrasound Med Biol. 1996;22(1):53-60.
1996	---	---	---	Sociology	[Once again the silicone dilemma: only a Cleopatra syndrome?].	Germany	[No authors listed]	Medicine	Wien Klin Wochenschr. 1996 Dec 27;108(24):773-4.
1996	Causal Relation	---	---	---	Autoimmune reactions in patients with silicone breast implants.	Austria	Zazgornik J, et al.	Medicine	Wien Klin Wochenschr. 1996 Dec 27;108(24):781-7.
1996	---	Diagnosis	---	---	Raman chemical imaging: histopathology of inclusions in human breast tissue.	USA	Schaeberle MD, et al.	Science	Anal Chem. 1996 Jun 1;68(11):1829-33.
1996	---	Diagnosis	Rupture	---	Appearance of low signal intensity lines in MRI of silicone breast implants.	Canada	Stroman PW, et al.	Science	Biomaterials. 1996 May;17(10):983-8.
1996	Causal Relation	---	---	---	Silicone gel and octamethylcyclotetrasiloxane (D4) enhances antibody production to bovine serum albumin in mice.	USA	Nicholson JJ 3rd, et al.	Science	J Biomed Mater Res. 1996 Jul;31(3):345-53.
1996	Complica	---	---	---	Augmenting discord.	Czech	Nemecek S.	Science	Sci Am. 1996

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	tion								Apr;274(4):36, 38.
1996	---	---	---	Regulation/Sociology	Science and the law. New York courts seek 'neutral' experts.	USA	Marshall E.	Science	Science. 1996 Apr 12;272(5259):189.
1996	---	---	---	Sociology	Class actions in breast implant litigation.	UK	Peerless MJ, Eizenga MA.	Sociology	Health Law Can. 1996 Feb;16(3):78-83.
1996	---	---	---	Sociology	What's really behind the attack on silicone breast implants.	USA	Angell M.	Sociology	Med Econ. 1996 Sep 9;73(17):131-3, 136, 139-40 passim.
1996	---	Technique	---	---	[Breast reconstruction].	Switzerland	Frey M.	Sociology	Praxis (Bern 1994). 1996 Sep 10;85(37):1149-51.
1996	---	Technique	---	---	Bilateral TRAM flaps for the reconstruction of the post implantectomy/capsulectomy breast deformity.	USA	Spiro SA, Marshall D.	Surgery	Aesthetic Plast Surg. 1996 Jul-Aug;20(4):315-8.
1996	Risk/Safety	---	---	History	[Breast implants and their history].	France	Muller GH.	Surgery	Ann Chir Plast Esthet. 1996 Dec;41(6):666-75.
1996	---	Diagnosis	Rupture	---	Silicone breast implant bleed and rupture: clinical diagnosis and predictive value of mammography and ultrasound.	Netherlands	Beekman WH, et al.	Surgery	Ann Plast Surg. 1996 Apr;36(4):345-7.
1996	---	---	Bleeding/Migration	---	Silicon tissue assay: are there intracapsular variations?	USA	Evans GR, Baldwin BJ.	Surgery	Ann Plast Surg. 1996 Dec;37(6):592-5.
1996	Complication	---	---	---	Candida albicans infection of bilateral polyurethane-coated silicone gel breast implants.	USA	Niazi ZB, Salzberg CA, Montecalvo M.	Surgery	Ann Plast Surg. 1996 Jul;37(1):91-3.
1996	Complication	Technique	---	---	Outcome of mammary prostheses explantation: a patient perspective.	USA	Svahn JK, et al.	Surgery	Ann Plast Surg. 1996 Jun;36(6):594-600.
1996	Complication	---	---	---	Late Clostridium perfringens breast implant infection after dental treatment.	USA	Hunter JG, et al.	Surgery	Ann Plast Surg. 1996 Mar;36(3):309-12.
1996	Causal Relation	---	---	---	Increase of immunologically relevant parameters in correlation with Baker classification in breast implant recipients.	Germany	Brunner CA, et al.	Surgery	Ann Plast Surg. 1996 May;36(5):512-18; discussion 518-21.
1996	Complication	QoL	---	---	Patient satisfaction following insertion of silicone breast implants.	UK	Park AJ, Chetty U, Watson AC.	Surgery	Br J Plast Surg. 1996 Dec;49(8):515-8.
1996	---	Diagnosis	Rupture	---	The detection of breast implant rupture using ultrasound.	UK	Park AJ, et al.	Surgery	Br J Plast Surg. 1996 Jul;49(5):299-301.
1996	Causal Relation	---	Rupture	---	Breast implants: facts, controversy, and speculations for future research.	USA	Jenkins ME, et al.	Surgery	J Invest Surg. 1996 Jan-Feb;9(1):1-12.
1996	---	---	Bleeding/Migration	---	In vitro measurement of silicone bleed from breast implants.	USA	Yu LT, et al.	Surgery	Plast Reconstr Surg. 1996 Apr;97(4):756-64.
1996	Complication	---	---	---	Idiosyncratic allergic reaction to textured saline implants.	USA	Sabbagh WH, et al.	Surgery	Plast Reconstr Surg. 1996 Apr;97(4):820-3.
1996	Complication	---	---	Sociology	Internal mastopexy following explantation.	USA	Scioscia PJ, Hagerty RC.	Surgery	Plast Reconstr Surg. 1996 Apr;97(5):1014-9; discussion 1020-2.
1996	---	---	Property	---	Mechanical analysis of explanted silicone breast implants.	USA	Greenwald DP, Randolph M, May JW Jr.	Surgery	Plast Reconstr Surg. 1996 Aug;98(2):269-72; discussion 273-5.
1996	---	---	Material	---	Saline made viscous with polyethylene glycol: a new alternate breast implant	USA	Friedman RM, et al.	Surgery	Plast Reconstr Surg. 1996 Dec;98(7):1208-13;

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					filler material.				discussion 1214-5.
1996	---	Treatment	---	---	Breast conservation therapy after augmentation mammoplasty: is it appropriate?	USA	Handel N, et al.	Surgery	Plast Reconstr Surg. 1996 Dec;98(7):1216-24.
1996	Complication	---	Bleeding/Migration	---	Microbial evaluation: 139 implants removed from symptomatic patients.	USA	Ahn CY, et al.	Surgery	Plast Reconstr Surg. 1996 Dec;98(7):1225-9.
1996	---	Diagnosis	---	---	Skin test for silicone implants.	Turkey	Atabey A, Baruteçu A.	Surgery	Plast Reconstr Surg. 1996 Dec;98(7):1316-7.
1996	---	---	Bleeding/Migration	---	Failed implant versus silicone bleed.	USA	Dowden R, Young VL, Colon GA.	Surgery	Plast Reconstr Surg. 1996 Dec;98(7):1323.
1996	Causal Relation	---	---	---	Silicone gel and hypersensitivity.	USA	Everson MP, et al.	Surgery	Plast Reconstr Surg. 1996 Dec;98(7):1324-5.
1996	---	Technique	---	---	Macroscopic intraductal silicone gel.	USA	Seitchik MW.	Surgery	Plast Reconstr Surg. 1996 Feb;97(2):487.
1996	---	Diagnosis	Rupture	---	Diagnosis of silicone gel breast implant rupture by ultrasonography.	USA	Chung KC, et al.	Surgery	Plast Reconstr Surg. 1996 Jan;97(1):104-9.
1996	Complication	---	---	---	Silicone breakdown and capsular synovial metaplasia in textured-wall saline breast implants.	USA	Chase DR, et al.	Surgery	Plast Reconstr Surg. 1996 Jan;97(1):249.
1996	---	---	---	Sociology	Aerosolized silicone in a medical library.	USA	Schneider AM, et al.	Surgery	Plast Reconstr Surg. 1996 Jul;98(1):185-6.
1996	---	Diagnosis	---	---	Immunolocalization of keratan sulfate, chondroitin-4-sulfate, and chondroitin-6-sulfate in periprosthetic breast capsules exhibiting synovial metaplasia.	USA	Raso DS, Schulte BA.	Surgery	Plast Reconstr Surg. 1996 Jul;98(1):78-82.
1996	Risk/Safety	QoL	---	---	Factors contributing to patient satisfaction with breast reconstruction using silicone gel implants.	USA	Fee-Fulkerson K, et al.	Surgery	Plast Reconstr Surg. 1996 Jun;97(7):1420-6.
1996	---	Technique	---	---	Breast reconstruction with the extended latissimus dorsi flap.	Germany	Germann G, Steinau HU.	Surgery	Plast Reconstr Surg. 1996 Mar;97(3):519-26.
1996	---	Diagnosis	---	---	Testing the test: an analysis of the reliability of the silicone sensitivity test (SILS) in detecting immune-mediated responses to silicone breast implants.	USA	Young VL.	Surgery	Plast Reconstr Surg. 1996 Mar;97(3):681-3.
1996	Causal Relation	---	---	---	Bleed of and biologic response to triglyceride filler used in radiolucent breast implants.	USA	Young VL, et al.	Surgery	Plast Reconstr Surg. 1996 May;97(6):1179-93.
1996	Complication	---	Surface Type	---	Textured or smooth implants for submuscular breast augmentation: a controlled study.	UK	Asplund O, et al.	Surgery	Plast Reconstr Surg. 1996 May;97(6):1200-6.
1996	Causal Relation	---	Rupture	---	Silicon tissue assays: a comparison of nonaugmented cadaveric and augmented patient levels.	USA	Evans GR, et al.	Surgery	Plast Reconstr Surg. 1996 May;97(6):1207-14.
1996	---	---	Rupture	---	Strength of silicone breast implants.	USA	Phillips JW, et al.	Surgery	Plast Reconstr Surg. 1996 May;97(6):1215-25.
1996	Complication	---	---	---	The real cause of silicone autoimmune disease.	UK	Roven AN.	Surgery	Plast Reconstr Surg. 1996 May;97(6):1307.
1996	---	---	Bleeding/Migration	---	Silicon capsule assays with low-bleed silicone gel implants.	Canada	Peters W, Smith D, Lugowski S.	Surgery	Plast Reconstr Surg. 1996 May;97(6):1311-2.

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1996	---	---	---	Sociology	Silicone implants: aesthetic triumph or surgical disaster?	USA	Melmed EP.	Surgery	Plast Reconstr Surg. 1996 Nov;98(6):1071-3.
1996	Complication	---	Material	---	Silicon analysis of breast and periprosthetic capsular tissue from patients with saline or silicone gel breast implants.	USA	Schnur PL, et al.	Surgery	Plast Reconstr Surg. 1996 Oct;98(5):798-803.
1996	---	---	Bleeding/Migration	---	Intraductal migration of silicone.	Australia	Holten I.	Surgery	Plast Reconstr Surg. 1996 Oct;98(5):903.
1996	Risk/Safety	---	---	---	Determining the safety of the silicone envelope: in search of a silicone antibody.	USA	Rohrich RJ, Hollier LH, Robinson JB Jr.	Surgery	Plast Reconstr Surg. 1996 Sep;98(3):455-8.
1996	---	---	Material	Regulation/Sociology	Development of alternative breast implant filler material: criteria and horizons.	USA	Rohrich RJ, et al.	Surgery	Plast Reconstr Surg. 1996 Sep;98(3):552-60; discussion 561-2.
1996	Complication	---	Surface Type	---	Quality of the capsule in reconstructions with textured or smooth silicone implants after mastectomy.	Norway	Hammerstad M, et al.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 1996 Mar;30(1):33-6.
1996	---	Technique	---	---	Controversy in breast reconstruction.	USA	Corral CJ, Mustoe TA.	Surgery	Surg Clin North Am. 1996 Apr;76(2):309-26.
1996	Complication	---	Rupture	---	Chest wall fibromatosis associated with silicone breast implants.	USA	Aaron AD, et al.	Surgery	Surg Oncol. 1996 Apr;5(2):93-9.
1996	Experience	Experience	---	---	[Clinical applications of China-made saline-filled breast implants--a report of 62 cases].	China	Jin Y, Fan Z, Tang Y.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1996 Jul;12(4):257-9.
1996	---	---	Rupture	Sociology	[Reasons for removing mammary prostheses in 27 patients after augmentation mammoplasty].	China	Lin W, Chen X, Li B.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1996 Jul;12(4):260-1.
1997	---	Diagnosis	---	---	Ultrasound evolves as implant imaging tool.	UK	Wagner SK.	Medical Devices	Diagn Imaging (San Franc). 1997 Jan;19(1):52-4.
1997	Causal Relation	---	---	Regulation/Sociology	Testicular implants.	USA	Lakshmanan Y, Docimo SG.	Medical Devices	J Long Term Eff Med Implants. 1997;7(1):65-74.
1997	---	Diagnosis	Rupture	---	Intracapsular implant rupture: MR findings of incomplete shell collapse.	USA	Soo MS, et al.	Medical Devices	J Magn Reson Imaging. 1997 Jul-Aug;7(4):724-30.
1997	---	Diagnosis	---	---	Multinuclear solid-state NMR spectroscopy of envelopes from virgin and explanted silicone breast prostheses: an exploratory study.	Canada	Picard F, et al.	Medical Devices	Magn Reson Med. 1997 Jan;37(1):11-7.
1997	---	Diagnosis	Rupture	---	Ruptured or intact: what can linear echoes within silicone breast implants tell us?	USA	Palmon LU, et al.	Medicine	AJR Am J Roentgenol. 1997 Jun;168(6):1595-8.
1997	---	---	Bleeding/Migration	---	Determination of silicon in breast and capsular tissue from patients with breast implants performed by inductively coupled plasma emission spectroscopy. Comparison with tissue histology.	USA	McConnell JP, et al.	Medicine	Am J Clin Pathol. 1997 Feb;107(2):236-46.
1997	Causal Relation	---	---	---	Cellular immune reactivities in women with silicone breast implants: a preliminary investigation.	USA	Ellis TM, et al.	Medicine	Ann Allergy Asthma Immunol. 1997 Aug;79(2):151-4.
1997	Complication	---	---	---	Autoimmunity after silicone breast implants.	USA	Claman HN.	Medicine	Ann Allergy Asthma Immunol. 1997 Aug;79(2):89-90.
1997	---	---	---	Epidemiology	Epidemiology of silicone breast implants.	USA	Whysner J.	Medicine	Ann Intern Med. 1997 Apr

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				ology					15;126(8):667-8.
1997	Causal Relation	---	Rupture	---	[Scrotal granuloma caused by oil migrating from the hip in 2 transsexual males (scrotal sclerosing lipogranuloma)].	Spain	Fariña LA, et al.	Medicine	Arch Esp Urol. 1997 Jan-Feb;50(1):51-3.
1997	Complication	---	---	---	Clinical experience with systemic illness in women with silicone breast implants: comment on the editorial by Rose.	USA	Vasey FB.	Medicine	Arthritis Rheum. 1997 Aug;40(8):1545.
1997	Causal Relation	---	---	---	Breast implants in patients with differentiated and undifferentiated connective tissue disease.	USA	Williams HJ, Weisman MH, Berry CC.	Medicine	Arthritis Rheum. 1997 Mar;40(3):437-40.
1997	Causal Relation	---	---	---	Analytic review of the scientific literature on silicone immune responses: comment on the article by Marcus.	USA	Smalley DL, Shanklin DR.	Medicine	Arthritis Rheum. 1997 Sep;40(9):1730-2.
1997	---	---	---	Guideline	Silicone-gel-filled breast implants: how they interface with breast cancer. The Working Group on Guidelines for Silicone Gel-Filled Breast Implants.	USA	Morrison B, Mickelson WP.	Medicine	Cancer Prev Control. 1997;1(1):61-5.
1997	Risk/Safety	---	---	Regulation/Sociology	A review of the possible health implications of silicone breast implants.	USA	Noone RB.	Medicine	Cancer. 1997 May 1;79(9):1747-56.
1997	Complication	---	---	---	Dermatologic diseases of the breast in young women.	UK	Ward KA, Burton JL.	Medicine	Clin Dermatol. 1997 Jan-Feb;15(1):45-52.
1997	Complication	Diagnosis	---	---	Autoantibody testing in patients with silicone implants.	Mexico	Sanchez-Guerrero J.	Medicine	Clin Lab Med. 1997 Sep;17(3):341-53.
1997	---	Diagnosis	---	---	The value of MRI in silicone granuloma of the breast.	Austria	Helbich TH, et al.	Medicine	Eur J Radiol. 1997 Feb;24(2):155-8.
1997	Complication	Technique	---	---	Subcutaneous mastectomy for primary breast cancer and ductal carcinoma in situ.	UK	Cheung KL, et al.	Medicine	Eur J Surg Oncol. 1997 Aug;23(4):343-7.
1997	Causal Relation	---	---	---	Silicone granulomatous lymphadenopathy and silicomas of the breast.	Spain	Vaamonde R, et al.	Medicine	Histol Histopathol. 1997 Oct;12(4):1003-11.
1997	Causal Relation	---	---	---	Lymphocyte response to silica among offspring of silicone breast implant recipients.	USA	Smalley DL, et al.	Medicine	Immunobiology. 1996-1997;196(5):567-74.
1997	Complication	Diagnosis	---	---	Morphea after silicone gel breast implantation for cosmetic reasons in an HLA-B8, DR3-positive woman.	Italy	Di Lorenzo G, et al.	Medicine	Int Arch Allergy Immunol. 1997 Jan;112(1):93-5.
1997	Causal Relation	---	---	---	Silicates, silicones and autoimmunity.	USA	Reyes H, et al.	Medicine	Isr J Med Sci. 1997 Apr;33(4):239-42.
1997	Complication	---	---	---	[Hashimoto's thyroiditis and silicone breast implants: 2 cases].	France	Vayssairat M, et al.	Medicine	J Mal Vasc. 1997 Jul;22(3):198-9.
1997	---	Diagnosis	---	---	Comparative studies on the interaction of proteins with a polydimethylsiloxane elastomer. I. Monolayer protein capture capacity (PCC) as a function of protein pl, buffer pH and buffer ionic strength.	USA	Butler JE, et al.	Medicine	J Mol Recognit. 1997 Jan-Feb;10(1):36-51.
1997	---	Diagnosis	---	---	Comparative studies on the interaction of proteins with a polydimethylsiloxane elastomer. II. The comparative antigenicity of primary and secondarily adsorbed IgG1 and IgG2a and their non-adsorbed counterparts.	USA	Butler JE, Navarro P, Lü EP.	Medicine	J Mol Recognit. 1997 Jan-Feb;10(1):52-62.
1997	Causal	---	---	---	Breast implants and cancer.	USA	Brinton LA,	Medicine	J Natl Cancer Inst. 1997

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	Relation						Brown SL.		Sep 17;89(18):1341-9.
1997	---	---	---	Lactation	Silicone breast implants and breast feeding.	USA	Epstein WA.	Medicine	J Rheumatol. 1997 May;24(5):1013-4; author reply 1014-5.
1997	---	---	---	Lactation	Silicone breast implants and breast feeding.	USA	Hoshaw SJ, Klykken PC, Abbott JP.	Medicine	J Rheumatol. 1997 May;24(5):1014; author reply 1014-5.
1997	Causal Relation	---	---	---	Development of polyarthritis after insertion of silicone breast implants followed by remission after implant removal in 2 HLA-identical sisters bearing rheumatoid arthritis susceptibility genes.	USA	Meier LG, Barthel HR, Seidl C.	Medicine	J Rheumatol. 1997 Sep;24(9):1838-41.
1997	Risk/Safety	---	---	Epidemiology	Epidemiology of scleroderma among women: assessment of risk from exposure to silicone and silica.	France	Koeger AC, Nguyen JM, Fleurette F.	Medicine	J Rheumatol. 1997 Sep;24(9):1853-5.
1997	---	---	---	Sociology	Characteristics of women with and without breast implants.	USA	Stewart MW, Elliott M.	Medicine	JAMA. 1997 Sep 10;278(10):818-9.
1997	Causal Relation	---	---	---	Antipolymer antibodies, silicone breast implants, and fibromyalgia.	USA	Edlavitch SA.	Medicine	Lancet. 1997 Apr 19;349(9059):1170.
1997	Causal Relation	---	---	---	Antipolymer antibodies, silicone breast implants, and fibromyalgia.	USA	Lamm SH.	Medicine	Lancet. 1997 Apr 19;349(9059):1170-1; author reply 1172-3.
1997	Causal Relation	---	---	---	Antipolymer antibodies, silicone breast implants, and fibromyalgia.	USA	Korn JH.	Medicine	Lancet. 1997 Apr 19;349(9059):1171.
1997	Causal Relation	---	---	---	Antipolymer antibodies, silicone breast implants, and fibromyalgia.	USA	Everson MP, Blackburn WD Jr.	Medicine	Lancet. 1997 Apr 19;349(9059):1171; author reply 1172-3.
1997	Causal Relation	---	---	---	Antipolymer antibodies, silicone breast implants, and fibromyalgia.	USA	Angell M.	Medicine	Lancet. 1997 Apr 19;349(9059):1171-2; author reply 1172-3.
1997	Causal Relation	---	---	---	Antipolymer antibodies, silicone breast implants, and fibromyalgia.	USA	Ellis TM, et al.	Medicine	Lancet. 1997 Apr 19;349(9059):1173.
1997	Causal Relation	---	Rupture	---	Use of antipolymer antibody assay in recipients of silicone breast implants.	USA	Tenenbaum SA, et al.	Medicine	Lancet. 1997 Feb 15;349(9050):449-54.
1997	Complication	Diagnosis	Rupture	---	Rupture of silicone-gel breast implants: causes, sequelae, and diagnosis.	USA	Brown SL, et al.	Medicine	Lancet. 1997 Nov 22;350(9090):1531-7.
1997	Causal Relation	---	---	---	Silicone breast implants and antipolymer antibodies.	USA	Miller SH.	Medicine	Lancet. 1997 Sep 6;350(9079):740-1.
1997	Causal Relation	---	---	---	[Silicone breast implants and risk of carcinoma].	Croatia	Stanec Z, et al.	Medicine	Lijec Vjesn. 1997 Aug-Sep;119(8-9):233-5.
1997	Causal Relation	---	---	---	[Silicone and disease: myth or reality?].	Spain	Martínez Castejón R, Vilardell Tarrés M.	Medicine	Med Clin (Barc). 1997 Jun 21;109(4):135-6.
1997	---	---	---	Sociology	Silicone breast implants: implications for society and surgeons.	Australia	Hodgkinson DJ.	Medicine	Med J Aust. 1997 Jun 2;166(11):615-6.
1997	Causal Relation	---	---	---	Silicone breast implants and connective tissue disease: an overview.	USA	Spiera H, Spiera RF.	Medicine	Mt Sinai J Med. 1997 Nov;64(6):363-71.
1997	Complication	Diagnosis	---	---	Visualization of silicone gel in human breast tissue using new infrared imaging spectroscopy.	USA	Kidder LH, et al.	Medicine	Nat Med. 1997 Feb;3(2):235-7.
1997	Complica	---	---	---	Silicone breast implants and neurologic	New	Ferguson JH.	Medicine	Neurology. 1997

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	tion				disorders. Report of the Practice Committee of the American Academy of Neurology.	Zealand			Jun;48(6):1504-7.
1997	Risk/Safety	Diagnosis	---	---	[Value of contrast medium magnetic resonance tomography of the breast in breast reconstruction with implant].	Germany	Heinig A, et al.	Medicine	Radiologe. 1997 Sep;37(9):710-7.
1997	Causal Relation	---	---	---	[Silicone breast prostheses: what about the supposed induced diseases?].	France	Koeger AC.	Medicine	Rev Med Interne. 1997;18 Suppl 5:435s-436s.
1997	Complication	---	---	---	[Breast prostheses and their complications].	France	Wattiaux MJ.	Medicine	Rev Med Interne. 1997;18(12):955-66.
1997	---	Diagnosis	Rupture	---	[The value of sonography for the discovery of complications after the implantation of silicone gel prostheses for breast augmentation or reconstruction].	Germany	Lorenz R, Stark GB, Hedde JP.	Medicine	Rofo. 1997 Mar;166(3):233-7.
1997	Complication	---	---	---	[Rheumatology, and medicine in the 21st century].	Japan	Shiokawa Y.	Medicine	Ryumachi. 1997 Aug;37(4):600-6.
1997	Causal Relation	---	Bleeding/Migration	Regulation/Sociology	Silicone breast implants and systemic rheumatic disease. Some smoke but little fire to date.	USA	Liang MH.	Medicine	Scand J Rheumatol. 1997;26(6):409-11.
1997	---	Diagnosis	Rupture	---	[Magnetic tomography in diagnosis of breast implant rupture].	Norway	Kvistad KA, et al.	Medicine	Tidsskr Nor Laegeforen. 1997 Sep 20;117(22):3226-8.
1997	Complication	---	---	---	[Silicone breast implants and connective tissue diseases].	Denmark	Zachariae H.	Medicine	Ugeskr Laeger. 1997 Jul 7;159(28):4410-1.
1997	Causal Relation	---	---	---	[Silicone breast implants and breast cancer].	Denmark	Kjøller KH, Krag C, Friis S.	Medicine	Ugeskr Laeger. 1997 Mar 17;159(12):1744-8.
1997	Complication	---	---	Sociology	Silicone breast implants: pathology.	USA	Raso DS, Greene WB.	Medicine	Ultrastruct Pathol. 1997 May-Jun;21(3):263-71.
1997	Complication	---	---	---	Fever, rash, and arthritis in a woman with silicone gel breast implants.	USA	Genovese MC.	Medicine	West J Med. 1997 Sep;167(3):149-58.
1997	Causal Relation	---	---	---	Scleroderma and silicone breast implants.	USA	Whorton D, Wong O.	Medicine	West J Med. 1997 Sep;167(3):159-65.
1997	---	---	---	Sociology	Plaintiffs, defendants, lawyers, and lawyers: facts and rumors about silicone.	USA	Sergent JS.	Medicine	West J Med. 1997 Sep;167(3):182-3.
1997	---	---	Bleeding/Migration	---	Release of low molecular weight silicones and platinum from silicone breast implants.	USA	Lykissa ED, et al.	Science	Anal Chem. 1997 Dec 1;69(23):4912-6.
1997	Causal Relation	---	---	---	Characterization of cellular response to silicone implants in rats: implications for foreign-body carcinogenesis.	USA	James SJ, et al.	Science	Biomaterials. 1997 May;18(9):667-75.
1997	---	Diagnosis	Bleeding/Migration	---	Determination of silicon in serum and tissue by electrothermal atomic absorption spectrometry.	Canada	Leung FY, Edmond P.	Science	Clin Biochem. 1997 Jul;30(5):399-403.
1997	Risk/Safety	---	Bleeding/Migration	---	Adjuvancy effect of different types of silicone gel.	USA	Naim JO, Ippolito KM, van Oss CJ.	Science	J Biomed Mater Res. 1997 Dec 15;37(4):534-8.
1997	---	---	Material	---	Theoretical analysis of hydrolysis of polydimethylsiloxane (PDMS).	USA	West JK.	Science	J Biomed Mater Res. 1997 Jun 15;35(4):505-11.
1997	---	---	---	Sociology	Breast-implant ruling sends a message.	USA	Kaiser J.	Science	Science. 1997 Jan 3;275(5296):21.
1997	---	---	---	Sociology	Lessons from litigation over silicone breast implants: a call for activism by	USA	Rosenbaum JT.	Science	Science. 1997 Jun 6;276(5318):1524-5.

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					scientists.				
1997	---	---	---	Regulation/Sociology	Evidence: Oregon court excludes expert testimony in breast implant litigation.	USA	Gifford RW.	Sociology	J Law Med Ethics. 1997 Summer-Fall;25(2-3):221.
1997	---	---	---	Sociology	Silicone breast implants. Can emerging medical, legal, and scientific concepts be reconciled?	USA	Snyder JW.	Sociology	J Leg Med. 1997 Jun;18(2):133-220.
1997	---	Technique	---	---	Chest wall implants: their use for pectus excavatum, pectoralis muscle tears, Poland's syndrome, and muscular insufficiency.	Australia	Hodgkinson DJ.	Surgery	Aesthetic Plast Surg. 1997 Jan-Feb;21(1):7-15.
1997	---	Technique	---	---	Immediate reaugmentation of the breasts using bilaterally divided TRAM flaps after removing injected silicone gel and granulomas.	Japan	Aoki R, Mitsuhashi K, Hyakusoku H.	Surgery	Aesthetic Plast Surg. 1997 Jul-Aug;21(4):276-9.
1997	Complication	---	---	---	Breast implantation and the incidence of upper extremity somatic complaints.	USA	Kulick M, Daneshmand H.	Surgery	Aesthetic Plast Surg. 1997 Mar-Apr;21(2):105-9.
1997	Complication	---	---	---	Inflammatory reaction and capsular contracture around smooth silicone implants.	Brazil	Carpaneda CA.	Surgery	Aesthetic Plast Surg. 1997 Mar-Apr;21(2):110-4.
1997	---	---	Surface Type	History	Textured surface silicone breast implants: histology in the human.	USA	Lesesne CB.	Surgery	Aesthetic Plast Surg. 1997 Mar-Apr;21(2):93-6.
1997	Complication	Technique	Design	---	Augmentation mammoplasty: personal evolution of the concepts looking for an ideal technique.	Italy	Candiani P, Campiglio GL.	Surgery	Aesthetic Plast Surg. 1997 Nov-Dec;21(6):417-23.
1997	Causal Relation	---	---	---	Explantation of silicone breast implants.	USA	Thomas WO 3rd, et al.	Surgery	Am Surg. 1997 May;63(5):421-9.
1997	Risk/Safety	---	---	---	[Silicone breast implants and breast cancer].	France	Petit JY, et al.	Surgery	Ann Chir Plast Esthet. 1997 Apr;42(2):107-9.
1997	---	Technique	---	---	[Internal supporting mammary lamina. Results of the detection of breast lesions].	France	Tristant H, et al.	Surgery	Ann Chir Plast Esthet. 1997 Apr;42(2):183-91.
1997	Complication	Technique	---	---	[Indications and results of breast implant replacement with implants pre-filled with silicone gel].	France	Mitz V, et al.	Surgery	Ann Chir Plast Esthet. 1997 Feb;42(1):21-6.
1997	---	---	Bleeding/Migration	---	Spontaneous autoinflation of saline mammary implants.	USA	Robinson OG Jr, Benos DJ.	Surgery	Ann Plast Surg. 1997 Aug;39(2):114-8; discussion 118-21.
1997	---	Technique	---	---	Poland's deformity reconstructions with a customized, extrasoft silicone prosthesis.	USA	Gatti JE.	Surgery	Ann Plast Surg. 1997 Aug;39(2):122-30.
1997	Causal Relation	---	---	---	Re: Augmentation mammoplasty associated with a severe systemic illness.	USA	Marshall WR.	Surgery	Ann Plast Surg. 1997 Dec;39(6):668.
1997	Causal Relation	---	---	---	An outcome analysis of 100 women after explantation of silicone gel breast implants.	Canada	Peters W, et al.	Surgery	Ann Plast Surg. 1997 Jul;39(1):9-19.
1997	---	---	Bleeding/Migration	---	Migration of silicone through the fibrous capsules of mammary prostheses.	Netherlands	Beekman WH, et al.	Surgery	Ann Plast Surg. 1997 May;38(5):441-5.
1997	---	Diagnosis	Rupture	---	Effects of capsular contracture on ultrasonic screening for silicone gel breast implant rupture.	USA	Medot M, et al.	Surgery	Ann Plast Surg. 1997 Oct;39(4):337-41.
1997	---	Diagnosis	---	---	Expression of CD44-v6-containing	Germany	Brunner CA, et	Surgery	Ann Plast Surg. 1997

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		is			isoform on breast tissue adjacent to silicone breast implants.		al.		Sep;39(3):235-40.
1997	Complication	---	---	---	Silicone breast implants: complications.	UK	Iwuagwu FC, Frame JD.	Surgery	Br J Plast Surg. 1997 Dec;50(8):632-6.
1997	---	---	Surface Type	---	Textured or smooth implants for breast augmentation? Three year follow-up of a prospective randomised controlled trial.	UK	Malata CM, et al.	Surgery	Br J Plast Surg. 1997 Feb;50(2):99-105.
1997	---	Treatment	---	---	[The treatment results in 138 patients with breast prostheses].	Bulgaria	Tepavicharova P.	Surgery	Khirurgiia (Sofia). 1997;50(3):17-20.
1997	Causal Relation	---	---	---	[Interstitial pneumonia associated with human adjuvant disease which developed 30 years after silicone augmentation mammoplasty].	Japan	Miyata Y, Okano R, Kuratomi Y.	Surgery	Nihon Kyobu Shikkan Gakkai Zasshi. 1997 Oct;35(10):1093-8.
1997	Causal Relation	---	---	---	Lack of evidence of systemic inflammatory rheumatic disorders in symptomatic women with breast implants.	USA	Blackburn WD Jr, Grotting JC, Everson MP.	Surgery	Plast Reconstr Surg. 1997 Apr;99(4):1054-60.
1997	Clinical Study	Clinical Study	---	---	Are breast implants anticarcinogenic? A 14-year follow-up of the Los Angeles Study.	USA	Deapen DM, Bernstein L, Brody GS.	Surgery	Plast Reconstr Surg. 1997 Apr;99(5):1346-53.
1997	Causal Relation	---	Bleeding/Migration	---	Silicon tissue assay: a measurement of capsular levels from chemotherapeutic port-a-catheter devices.	USA	Evans GR, Baldwin BJ.	Surgery	Plast Reconstr Surg. 1997 Apr;99(5):1354-8; discussion 1359-61.
1997	Causal Relation	---	---	---	Silicone-associated rheumatic disease: an unsupported myth.	USA	Blackburn WD Jr, Everson MP.	Surgery	Plast Reconstr Surg. 1997 Apr;99(5):1362-7.
1997	---	---	Bleeding/Migration	---	Gel bleed and gel migration.	USA	Puckett CL.	Surgery	Plast Reconstr Surg. 1997 Apr;99(5):1410.
1997	Complication	---	---	---	Silicone breast implants and drug-induced arthralgia.	UK	Cadier MA, Hobby JA.	Surgery	Plast Reconstr Surg. 1997 Apr;99(5):1464.
1997	---	---	Rupture	---	Unusual masses found within ruptured silicone gel breast prostheses.	USA	Hughes KC, et al.	Surgery	Plast Reconstr Surg. 1997 Aug;100(2):525-8.
1997	---	---	---	Sociology	Breast implants.	USA	Archer RR.	Surgery	Plast Reconstr Surg. 1997 Aug;100(2):555.
1997	---	---	Rupture	---	Life span of silicone gel-filled mammary prostheses.	Netherlands	Beekman WH, et al.	Surgery	Plast Reconstr Surg. 1997 Dec;100(7):1723-6; discussion 1727-8.
1997	---	---	Surface Type	Regulation/Sociology	Textured surface, nonsilicone gel breast implants: four years' clinical outcome.	USA	Ersek RA, Salisbury AV.	Surgery	Plast Reconstr Surg. 1997 Dec;100(7):1729-39.
1997	Complication	---	---	---	Internal mammary silicone lymphadenopathy mimicking recurrent breast cancer.	USA	Kao CC, et al.	Surgery	Plast Reconstr Surg. 1997 Jan;99(1):225-9.
1997	Risk/Safety	---	---	---	Silicone breast implant safety: physical, chemical, and biologic problems.	USA	Goldberg EP.	Surgery	Plast Reconstr Surg. 1997 Jan;99(1):258-61.
1997	Complication	---	---	---	Microbial growth inside saline-filled breast implants.	USA	Young VL, et al.	Surgery	Plast Reconstr Surg. 1997 Jul;100(1):182-96.
1997	---	---	Bleeding/Migration	---	Distribution of organosilicon polymers in augmentation mammoplasties at autopsy.	USA	Barnard JJ, et al.	Surgery	Plast Reconstr Surg. 1997 Jul;100(1):197-203; discussion 204-5.
1997	---	QoL	---	---	Aesthetic outcome of breast implant removal in 85 consecutive patients.	USA	Netscher DT, et al.	Surgery	Plast Reconstr Surg. 1997 Jul;100(1):206-19.
1997	Complication	---	---	---	Failure of silicone gel breast implants: analysis of literature data for 1652	USA	Goldberg EP, et al.	Surgery	Plast Reconstr Surg. 1997 Jul;100(1):281-4.

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					explanted prostheses.				
1997	---	---	Surface Type	---	Capsular contracture with textured versus smooth saline-filled implants for breast augmentation: a prospective clinical study.	Sweden	Tarpila E, et al.	Surgery	Plast Reconstr Surg. 1997 Jun;99(7):1934-9.
1997	---	---	Property	---	Mechanical analysis of explanted silicone breast implants.	USA	Greenwald DP, May JW Jr.	Surgery	Plast Reconstr Surg. 1997 Jun;99(7):2117.
1997	Risk/Safety	---	---	Sociology	Comparison of psychological symptoms of women requesting removal of breast implants with those of breast cancer patients and healthy controls.	USA	Wells KE, et al.	Surgery	Plast Reconstr Surg. 1997 Mar;99(3):680-5.
1997	Experience	Experience	---	---	Abdominal sequelae after pedicled TRAM flap breast reconstruction.	France	Petit JY, et al.	Surgery	Plast Reconstr Surg. 1997 Mar;99(3):723-9.
1997	Clinical Study	Clinical Study	---	---	Assessment and longevity of the silicone gel breast implant.	USA	Cohen BE, et al.	Surgery	Plast Reconstr Surg. 1997 May;99(6):1597-601.
1997	Complication	---	---	---	The absence of esophageal lesions in maternal progeny of silicone-injected rats.	USA	Rasco DS, et al.	Surgery	Plast Reconstr Surg. 1997 May;99(6):1784-5.
1997	Causal Relation	---	---	---	From cadavers to implants: silicon tissue assays of medical devices.	USA	Evans GR, Baldwin BJ.	Surgery	Plast Reconstr Surg. 1997 Nov;100(6):1459-63; discussion 1464-5.
1997	Causal Relation	---	---	---	Pathological and biophysical findings associated with silicone breast implants: a study of capsular tissues from 86 cases.	USA	Luke JL, et al.	Surgery	Plast Reconstr Surg. 1997 Nov;100(6):1558-65.
1997	---	---	Surface Type	---	Tendency to capsular contracture around smooth and textured gel-filled silicone mammary implants: a five-year follow-up.	Sweden	Hakelius L, Ohlén L.	Surgery	Plast Reconstr Surg. 1997 Nov;100(6):1566-9.
1997	Clinical Study	Clinical Study	---	Regulation/Sociology	Measurement of 2,4-toluenediamine in urine and serum samples from women with Mème or Replicon breast implants.	USA	Hester TR Jr, et al.	Surgery	Plast Reconstr Surg. 1997 Oct;100(5):1291-8.
1997	---	---	---	Sociology	Body image and psychological sequelae of silicone breast explantation: preliminary findings.	USA	Walden KJ, Thompson JK, Wells KE.	Surgery	Plast Reconstr Surg. 1997 Oct;100(5):1299-306.
1997	---	---	---	Sociology	Silicone and plastic surgery.	USA	Miller TA.	Surgery	Plast Reconstr Surg. 1997 Oct;100(5):1307-8.
1997	Causal Relation	---	---	---	A review of epidemiologic studies analyzing the relationship between breast implants and connective tissue diseases.	USA	Lewin SL, Miller TA.	Surgery	Plast Reconstr Surg. 1997 Oct;100(5):1309-13.
1997	Risk/Safety	---	---	---	On the safety of breast implants.	USA	Brody GS.	Surgery	Plast Reconstr Surg. 1997 Oct;100(5):1314-21.
1997	---	---	---	Sociology	Daubert and the breast implant litigation: how is the judiciary addressing the science?	USA	Reed ME.	Surgery	Plast Reconstr Surg. 1997 Oct;100(5):1322-6.
1997	---	---	---	Sociology	Outcome study of the psychological changes after silicone breast implant removal.	USA	Roberts C, Wells KE, Daniels S.	Surgery	Plast Reconstr Surg. 1997 Sep;100(3):595-9.
1997	Causal Relation	---	---	---	Investigation of silicone oil and fumed silica in an adjuvant animal model.	USA	Picha GJ, Goldstein JA.	Surgery	Plast Reconstr Surg. 1997 Sep;100(3):643-52.
1997	Complication	---	---	---	Carcinogenic potential of silicone breast implants: a Connecticut statewide study.	USA	Kern KA, Flannery JT, Kuehn PG.	Surgery	Plast Reconstr Surg. 1997 Sep;100(3):737-47; discussion 748-9.
1997	Experience	Experience	---	---	Saline-filled breast implants: a Plastic	USA	Gutowski KA.	Surgery	Plast Reconstr Surg. 1997

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	ce	ncc			Surgery Educational Foundation multicenter outcomes study.		Mesna GT, Cunningham BL.		Sep;100(4):1019-27.
1997	Complication	---	---	---	Incidence and natural history of saline-filled breast implant deflations: comparison of blunt-tipped versus cutting and tapered needles.	USA	Rapaport DP, Stadelmann WK, Greenwald DP.	Surgery	Plast Reconstr Surg. 1997 Sep;100(4):1028-32.
1997	---	Technique	---	---	Reconstruction of the breast.	USA	Bostwick J 3rd, Carlson GW.	Surgery	Surg Oncol Clin N Am. 1997 Jan;6(1):71-89.
1997	Complication	Technique	---	---	Complications of breast reconstruction.	USA	Friedman HI, et al.	Surgery	Surg Technol Int. 1997;6:155-61.
1997	Complication	---	Bleeding/Migration	---	[Physiologic and pathologic patterns of reaction to silicone breast implants].	Germany	Friemann J, et al.	Surgery	Zentralbl Chir. 1997;122(7):551-64.
1997	Causal Relation	---	---	---	[Relation between capsular contracture around breast implants and fibroblasts in breast reconstruction].	China	Huang J.	Surgery	Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi. 1997 May;11(3):187-8.
1997	---	Technique	---	---	[Augmentation mammoplasty through the external oblique muscle route].	China	Yang D, Wang X, Xia S.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1997 May;13(3):188-90.
1998	---	Diagnosis	Bleeding/Migration	---	Ultrasound interactions with free silicone in a tissue-mimicking phantom.	USA	Lopez H, Harris KM.	Medical Devices	J Ultrasound Med. 1998 Mar;17(3):163-70.
1998	---	Diagnosis	---	---	²⁹ Si imaging of silicone breast implants and intraocular silicone oil.	Switzerland	Haselhorst R, et al.	Medical Devices	Magn Reson Med. 1998 Jul;40(1):170-4.
1998	---	Diagnosis	Rupture	---	Magnetic resonance evaluation of breast implants and soft-tissue silicone.	USA	Middleton MS.	Medical Devices	Top Magn Reson Imaging. 1998 Apr;9(2):92-137.
1998	---	Diagnosis	Rupture	---	Improved diagnosis of breast implant rupture with sonographic findings and artificial neural networks.	USA	Venta LA, Salchenberger LM, Venta ER.	Medicine	Acad Radiol. 1998 Apr;5(4):238-44.
1998	---	---	Bleeding/Migration	---	Low molecular weight silicones are widely distributed after a single subcutaneous injection in mice.	USA	Kala SV, et al.	Medicine	Am J Pathol. 1998 Mar;152(3):645-9.
1998	Experience	Experience	---	---	Management, morbidity, and oncologic aspects in 100 consecutive patients with immediate breast reconstruction.	Sweden	Sandelin K, Billgren AM, Wickman M.	Medicine	Ann Surg Oncol. 1998 Mar;5(2):159-65.
1998	---	Diagnosis	Rupture	---	Silicone breast implants: a review.	New Zealand	Hadden WE.	Medicine	Australas Radiol. 1998 Nov;42(4):296-302.
1998	Causal Relation	---	---	---	Risk of connective tissue disease among women with breast implants. Study adds nothing to knowledge of processes of tissue injury induced by silicone.	USA	Shanklin DR, Smalley DL.	Medicine	BMJ. 1998 Aug 15;317(7156):470; author reply 470-1.
1998	Causal Relation	---	---	---	Do silicone breast implants cause connective tissue disease?	UK	Cooper C, Dennison E.	Medicine	BMJ. 1998 Feb 7;316(7129):403-4.
1998	Causal Relation	---	---	---	Risk of connective tissue disease and related disorders among women with breast implants: a nation-wide retrospective cohort study in Sweden.	Sweden	Nyrén O, et al.	Medicine	BMJ. 1998 Feb 7;316(7129):417-22.
1998	---	---	---	Sociology	Media are too eager to link silicone to disease.	UK	Collis N, Khoo CT, Sharpe DT.	Medicine	BMJ. 1998 Feb 7;316(7129):477.
1998	Risk/Safety	---	---	---	Breast implants deemed safe--again.	UK	Kmietowicz Z.	Medicine	BMJ. 1998 Jul 25;317(7153):230.
1998	---	---	---	Lactation	Do silicone breast implants affect breastfeeding?	Canada	Koren G, Ito S.	Medicine	Can Fam Physician. 1998 Dec;44:2641-2.

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1998	---	Diagnosis	---	---	Characterization of silicone breast implant biopsies by Fourier transform infrared mapping.	USA	Ali SR, Johnson FB, Luke JL, Kalasinsky VF.	Medicine	Cell Mol Biol (Noisy-le-grand). 1998 Feb;44(1):75-80.
1998	Causal Relation	---	---	---	Silicone gel enhances the development of autoimmune disease in New Zealand black mice but fails to induce it in BALB/cAnPt mice.	USA	McDonald AH, et al.	Medicine	Clin Immunol Immunopathol. 1998 Jun;87(3):248-55.
1998	Complication	---	---	---	Adult Still's-disease-like illness in a patient with silicone breast implants.	Japan	Katayama I, et al.	Medicine	Clin Rheumatol. 1998;17(1):81-2.
1998	Complication	---	---	---	Fibromyalgia, chronic fatigue syndrome, and myofascial pain.	USA	Bennett R.	Medicine	Curr Opin Rheumatol. 1998 Mar;10(2):95-103.
1998	Complication	Diagnosis	---	---	MR imaging of the augmented breast.	Switzerland	Huch RA, et al.	Medicine	Eur Radiol. 1998;8(3):371-6.
1998	---	Diagnosis	Rupture	---	MRI of the breast: state of the art.	Germany	Friedrich M.	Medicine	Eur Radiol. 1998;8(5):707-25.
1998	---	---	---	Sociology	[Controversies regarding silicone implants in plastic surgery. Evaluation of arguments based on criteria of evidence-based medicine].	Germany	Sohn W.	Medicine	Fortsehr Med. 1998 Sep 30;116(27):18-20, 22.
1998	Risk/Safety	Treatment	---	---	Hormonal breast augmentation: prognostic relevance of insulin-like growth factor-I.	Austria	Hartmann BW, et al.	Medicine	Gynecol Endocrinol. 1998 Apr;12(2):123-7.
1998	Causal Relation	---	Bleeding/Migration	---	[Fibrosarcoma after silicone breast augmentation: is there a connection?].	Israel	Aharon-Maor A, Levy Y, Schoenfeld Y.	Medicine	Harefuah. 1998 Mar 1;134(5):339-41, 424.
1998	Causal Relation	---	---	---	[Breast silicone implant and autoimmunity--coincidence or cause and effect relationship?].	Israel	Ehrenfeld M, Schoenfeld Y.	Medicine	Harefuah. 1998 Mar 1;134(5):361-4.
1998	Causal Relation	---	---	---	The non-specific binding of immunoglobulins to silicone implant materials: the lack of a detectable silicone specific antibody.	USA	White KL Jr, Klykken PC.	Medicine	Immunol Invest. 1998 Jul-Sep;27(4-5):221-35.
1998	Causal Relation	---	---	History	The immunopathology of siliconosis. History, clinical presentation, and relation to silicosis and the chemistry of silicon and silicone.	USA	Shanklin DR, Smalley DL.	Medicine	Immunol Res. 1998;18(3):125-73.
1998	---	Treatment	---	---	Dosimetric properties of a novel brachytherapy balloon applicator for the treatment of malignant brain-tumor resection-cavity margins.	USA	Dempsey JF, et al.	Medicine	Int J Radiat Oncol Biol Phys. 1998 Sep 1;42(2):421-9.
1998	Causal Relation	---	---	Regulation/Sociology	Silicone breast implants and autoimmune disease.	USA	Brown SL, Langone JJ, Brinton LA.	Medicine	J Am Med Womens Assoc. 1998 Winter;53(1):21-4, 40.
1998	---	---	---	Sociology	Silicone gel breast implants.	?	[No authors listed]	Medicine	J Am Med Womens Assoc. 1998 Winter;53(1):33-4, 47.
1998	---	---	Bleeding/Migration	---	Pathology of silicone leakage from breast implants.	Netherlands	van Diest PJ, Beekman WH, Hage JJ.	Medicine	J Clin Pathol. 1998 Jul;51(7):493-7.
1998	Causal Relation	---	---	---	Silicone breast implants and connective tissue disease do we need more anecdotes?	Sweden	Wollheim FA.	Medicine	J Clin Rheumatol. 1998 Jun;4(3):116-7.
1998	---	Technique	---	---	Additional surgery after breast device implantation.	USA	Shanklin DR, Smalley DL.	Medicine	J Rheumatol. 1998 Dec;25(12):2474-5.

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1998	Causal Relation	---	---	---	A clinical study of the relationship between silicone breast implants and connective tissue disease.	USA	Edworthy SM, et al.	Medicine	J Rheumatol. 1998 Feb;25(2):254-60.
1998	Causal Relation	---	---	---	The exploitation of autoimmune disease: breast implant litigation and its dire implications for women's health.	USA	Connell EB.	Medicine	J Womens Health. 1998 Apr;7(3):329-38.
1998	---	---	---	Sociology	Breast implants rise again.	USA	Healy BP.	Medicine	J Womens Health. 1998 Aug;7(6):639-40.
1998	Risk/Safety	---	---	Regulation/Sociology	US Institute of Medicine panel deliberates on breast-implant safety.	USA	Ault A.	Medicine	Lancet. 1998 Aug 1;352(9125):380.
1998	---	---	Rupture	---	Rupture of silicone-gel breast implants.	UK	Collis N, Sharpe DT.	Medicine	Lancet. 1998 Feb 14;351(9101):520.
1998	---	---	Rupture	---	Rupture of silicone-gel breast implants.	USA	Cook RR, et al.	Medicine	Lancet. 1998 Feb 14;351(9101):520-1.
1998	---	---	Rupture	---	Rupture of silicone-gel breast implants.	Canada	Peters W.	Medicine	Lancet. 1998 Feb 14;351(9101):521.
1998	---	---	---	Sociology	Child claim over hazards of silicone breast implant planned in UK.	Australia	Moore P.	Medicine	Lancet. 1998 Jan 31;351(9099):349.
1998	---	---	---	Sociology	Scientific journals and public disputes.	USA	Nelkin D.	Medicine	Lancet. 1998 Oct;352 Suppl 2:S1125-8.
1998	---	---	---	Sociology	Silicone breast implants.	Australia	Brooks P.	Medicine	Lancet. 1998 Sep 5;352(9130):823.
1998	Causal Relation	---	Bleeding/Migration	---	Silicon and matrix macromolecules: new research opportunities for old diseases from analysis of potential mechanisms of breast implant toxicity.	USA	Brawer AE.	Medicine	Med Hypotheses. 1998 Jul;51(1):27-35.
1998	Causal Relation	---	Bleeding/Migration	Regulation/Sociology	[Silicone breast prosthesis and rheumatoid arthritis: a new systemic disease: siliconosis. A case report and a critical review of the literature].	Italy	Iannello S, Belfiore F.	Medicine	Minerva Med. 1998 Apr;89(4):117-30.
1998	Risk/Safety	---	---	---	[Risks of silicone breast implants unproven].	Netherlands	Nicolai JP.	Medicine	Ned Tijdschr Geneesk. 1998 Dec 12;142(50):2719-20.
1998	Causal Relation	---	---	---	Neurologic disease among women with breast implants.	Denmark	Winther JF, et al.	Medicine	Neurology. 1998 Apr;50(4):951-5.
1998	Causal Relation	---	---	---	Breast implants and risk of neurologic disease: a population-based cohort study in Sweden.	Sweden	Nyrén O, et al.	Medicine	Neurology. 1998 Apr;50(4):956-61.
1998	---	Technique	---	---	Choosing reconstruction after mastectomy: a qualitative analysis.	USA	Neill KM, et al.	Medicine	Oncol Nurs Forum. 1998 May;25(4):743-50.
1998	Risk/Safety	---	---	---	Reduced breast cancer risk among women with implants?	?	[No authors listed]	Medicine	Oncology (Williston Park). 1998 Jan;12(1):20, 25.
1998	Causal Relation	---	---	Regulation/Sociology	Silicone breast implants: an oncologic perspective.	USA	Gerszten K, Gerszten PC.	Medicine	Oncology (Williston Park). 1998 Oct;12(10):1427-33; discussion 1434, 1439-43.
1998	Causal Relation	---	---	---	[Löfgren syndrome after silicone breast prosthesis implantation].	Hungary	Barzó P, Tamási L.	Medicine	Orv Hetil. 1998 Sep 27;139(39):2323-6.
1998	Causal Relation	---	---	---	Risk of progressive sensorineural hearing loss and Meniere's disease after breast implantation.	USA	Kim DW, Harris JP.	Medicine	Otolaryngol Head Neck Surg. 1998 Jun;118(6):747-50.
1998	---	Diagnosis	---	---	Monocyte-dependent stimulation of human T cells by silicon dioxide.	USA	Smalley DL, et al.	Medicine	Pathobiology. 1998;66(6):302-5.

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1998	Complication	---	---	---	Synovial-like metaplasia around silicone breast implants.	Czech	Ryska A, Spacek J.	Medicine	Pathology. 1998 Feb;30(1):82-3.
1998	Complication	---	---	---	Health outcomes in offspring of mothers with breast implants.	Denmark	Kjøller K, et al.	Medicine	Pediatrics. 1998 Nov;102(5):1112-5.
1998	---	Diagnosis	---	---	Mammographic evaluation of the augmented breast.	USA	Newman J.	Medicine	Radiol Technol. 1998 Mar-Apr;69(4):319-38; quiz 339-42.
1998	---	---	---	Sociology	[Breast implants].	Belgium	Adant JP, Bluth F, Fissette J.	Medicine	Rev Med Liege. 1998 Dec;53(12):742-6.
1998	---	Diagnosis	---	---	[Breast implants. Evaluation of breast implants using magnetic resonance imaging (MRI)].	Belgium	Simons C, Dondelinger RF.	Medicine	Rev Med Liege. 1998 Dec;53(12):751-3.
1998	---	---	---	Sociology	[Breast implants. Conclusion: management].	Belgium	Fissette J.	Medicine	Rev Med Liege. 1998 Dec;53(12):754-5.
1998	---	---	---	Sociology	[Silicone prostheses one more time--are they justified?].	Norway	Holmboe J, et al.	Medicine	Tidsskr Nor Laegeforen. 1998 Jan 20;118(2):261-2.
1998	Causal Relation	---	---	---	[Eating disorders and silicone].	Denmark	Knudtzon S.	Medicine	Tidsskr Nor Laegeforen. 1998 Jan 20;118(2):277-8.
1998	Causal Relation	---	---	Regulation/Sociology	Does long-term exposure to gel-filled silicone implants increase the risk of relapse after breast cancer?	France	Petit JY, et al.	Medicine	Tumori. 1998 Sep-Oct;84(5):525-8.
1998	---	Technique	---	---	[One-stage reconstruction of the breast after mastectomy with skin preservation].	Russia	Gerasimenko VN, Malygin SE.	Medicine	Vopr Onkol. 1998;44(5):596-9.
1998	---	---	---	Sociology	Silicone breast implants. An argument for science.	USA	Veal S.	Nursing	AAOHN J. 1998 Nov;46(11):537-46.
1998	---	---	---	Sociology	The war against junk science: the use of expert panels in complex medical-legal scientific litigation.	USA	Price JM, Rosenberg ES.	Science	Biomaterials. 1998 Aug;19(16):1425-32.
1998	---	---	---	Regulation/Sociology	Scientific panel clears breast implants.	USA	Kaiser J.	Science	Science. 1998 Dec 11;282(5396):1963, 1965.
1998	Risk/Safety	---	---	Regulation/Sociology	The socially constructed breast: breast implants and the medical construction of need.	USA	Jacobson N.	Sociology	Am J Public Health. 1998 Aug;88(8):1254-61.
1998	---	---	Bleeding/Migration	---	A physiologically based pharmacokinetic model for 2,4-toluenediamine leached from polyurethane foam-covered breast implants.	USA	Luu HM, Hutter JC, Bushar HF.	Sociology	Environ Health Perspect. 1998 Jul;106(7):393-400.
1998	---	---	Rupture	Regulation/Sociology	Silicone gel breast implant adverse event reports to the Food and Drug Administration, 1984-1995.	USA	Brown SL, et al.	Sociology	Public Health Rep. 1998 Nov-Dec;113(6):535-43.
1998	---	---	---	Regulation/Sociology	Secondary surgery and silicone implants: one center's experience before and after the food and drug administration hearings of 1991 and 1992.	USA	Spear SL, Bowen DG.	Surgery	Aesthet Surg J. 1998 May-Jun;18(3):167-74.
1998	---	---	---	Sociology	Continuing medical education examination-breast surgery: secondary surgery and silicone implants.	?	[No authors listed]	Surgery	Aesthet Surg J. 1998 May-Jun;18(3):175-6.
1998	Experience	Experience	---	---	Experience with soybean oil-filled breast implants in a Swedish surgical practice.	USA	Opitz PG, Young VL.	Surgery	Aesthet Surg J. 1998 May-Jun;18(3):183-97.
1998	Complication	---	---	---	Toxic shock syndrome in plastic surgery patients: case report and review of the literature.	Germany	Holm C, Mühlbauer W.	Surgery	Aesthetic Plast Surg. 1998 May-Jun;22(3):180-4.

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1998	Complication	---	---	---	Late Klebsiella pneumoniae infection following breast augmentation: case report.	Italy	Bernardi C, Saccomanno F.	Surgery	Aesthetic Plast Surg. 1998 May-Jun;22(3):222-4.
1998	---	Diagnosis	Rupture	---	The life span of silicone gel breast implants and a comparison of mammography, ultrasonography, and magnetic resonance imaging in detecting implant rupture: a meta-analysis.	USA	Goodman CM, et al.	Surgery	Ann Plast Surg. 1998 Dec;41(6):577-85; discussion 585-6.
1998	---	Technique	---	---	Re: Poland's deformity reconstruction with a customized extrasoft silicone prosthesis.	Australia	Hodgkinson DJ.	Surgery	Ann Plast Surg. 1998 Feb;40(2):194-5.
1998	---	---	Bleeding/Migration	---	Re: invited discussion on "spontaneous autoinflation of saline mammary implants".	USA	Robinson OG, Benos DJ.	Surgery	Ann Plast Surg. 1998 Jan;40(1):101-3.
1998	Complication	---	---	---	Re: an outcome analysis of 100 women after explantation of silicone gel breast implants and connective tissue disease and other rheumatic conditions following breast implants in Denmark.	USA	Chandler PJ Jr.	Surgery	Ann Plast Surg. 1998 Jan;40(1):103-5.
1998	Clinical Study	---	---	---	Silicone breast implant follow-up.	USA	Vasey FB.	Surgery	Ann Plast Surg. 1998 Jul;41(1):101-3.
1998	Complication	---	---	---	Capsular calcification associated with silicone breast implants: incidence, determinants, and characterization.	Canada	Peters W, et al.	Surgery	Ann Plast Surg. 1998 Oct;41(4):348-60.
1998	Complication	---	---	---	Ethylene oxide burns from improperly sterilized mammary implants.	Mexico	Cárdenas-Camarena L.	Surgery	Ann Plast Surg. 1998 Oct;41(4):361-6; discussion 366-9.
1998	Complication	---	---	---	Silicone breast implants: complications.	UK	De Souza BA.	Surgery	Br J Plast Surg. 1998 Jul;51(5):412.
1998	Risk/Safety	---	---	Sociology	Breast implants: a survey of cosmetic clinics.	UK	Collis N, Sharpe DT.	Surgery	Br J Plast Surg. 1998 Jun;51(4):311-2.
1998	---	Technique	---	---	Cutting diathermy for removal of implants.	UK	Georgantopoulou AA, Milling MA.	Surgery	Br J Plast Surg. 1998 Sep;51(6):486-7.
1998	Complication	---	---	---	Silicone elastomer cerebrospinal fluid shunt systems. Council on Scientific Affairs, American Medical Association.	USA	Kalousdian S, Karlan MS, Williams MA.	Surgery	Neurosurgery. 1998 Apr;42(4):887-92.
1998	Causal Relation	---	Bleeding/Migration	---	Silicon granulomas and dermatomyositis-like changes associated with chronic eyelid edema after silicone breast implant.	USA	Meyer DR, et al.	Surgery	Ophthal Plast Reconstr Surg. 1998 May;14(3):182-8.
1998	Complication	---	---	---	Breast capsule persistence after breast implant removal.	USA	Rockwell WB, et al.	Surgery	Plast Reconstr Surg. 1998 Apr;101(4):1085-8.
1998	Complication	---	---	---	Failure of silicone gel breast implants: analysis of literature data for 1652 explanted prostheses.	USA	Cook RR, Hoshaw SJ, Perkins LL.	Surgery	Plast Reconstr Surg. 1998 Apr;101(4):1162-4.
1998	Complication	Technique	---	---	Immediate breast reconstruction for breast carcinoma using the periareolar approach.	Germany	Gabka CJ, Maiwald G, Bohmert H.	Surgery	Plast Reconstr Surg. 1998 Apr;101(5):1228-34.
1998	Complication	---	---	---	Relocation of the displaced nipple-areola by reciprocal skin grafts.	USA	Spear SL, Hoffman S.	Surgery	Plast Reconstr Surg. 1998 Apr;101(5):1355-8.
1998	---	Technique	---	---	A review of explantation in 240 symptomatic women: a description of explantation and capsulectomy with reconstruction using a periareolar	USA	Melmed EP.	Surgery	Plast Reconstr Surg. 1998 Apr;101(5):1364-73.

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					technique.				
1998	---	---	---	Lactation	Breast milk contamination and silicone implants: preliminary results using silicon as a proxy measurement for silicone.	Canada	Semple JL, et al.	Surgery	Plast Reconstr Surg. 1998 Aug;102(2):528-33.
1998	---	Technique	---	---	Removal of silicone implants.	USA	Luckey RC.	Surgery	Plast Reconstr Surg. 1998 Aug;102(2):579-80.
1998	Causal Relation	---	---	---	Absence of longitudinal changes in rheumatologic parameters after silicone breast implantation: a prospective 13-year study.	USA	Miller AS 3rd, et al.	Surgery	Plast Reconstr Surg. 1998 Dec;102(7):2299-303.
1998	---	---	Rupture	---	An analysis of silicone gel-filled breast implants: diagnosis and failure rates.	USA	Rohrich RJ, et al.	Surgery	Plast Reconstr Surg. 1998 Dec;102(7):2304-8; discussion 2309.
1998	Causal Relation	---	---	---	Silicone gel-filled breast implants and connective tissue diseases.	UK	Park AJ, et al.	Surgery	Plast Reconstr Surg. 1998 Feb;101(2):261-8.
1998	Complication	---	---	---	Silicone gel and delayed hypersensitivity.	Canada	Semple JL, et al.	Surgery	Plast Reconstr Surg. 1998 Jan;101(1):249-50.
1998	Experience	Experience	---	---	Immediate breast reconstruction in two stages using textured, integrated-valve tissue expanders and breast implants: a retrospective review of 171 consecutive breast reconstructions from 1989 to 1996.	USA	Spear SL, Majidian A.	Surgery	Plast Reconstr Surg. 1998 Jan;101(1):53-63.
1998	Causal Relation	---	Rupture	---	Lipid infiltration as a possible biologic cause of silicone gel breast implant aging.	USA	Adams WP Jr, Robinson JB Jr, Rohrich RJ.	Surgery	Plast Reconstr Surg. 1998 Jan;101(1):64-8; discussion 69-71.
1998	Complication	---	---	---	Late infection of a breast prosthesis with <i>Enterococcus avium</i> .	USA	Ablaza VJ, LaTrenta GS.	Surgery	Plast Reconstr Surg. 1998 Jul;102(1):227-30.
1998	---	---	Bleeding/Migration	---	Bleeding of silicone gel breast implants.	USA	Biggs TM.	Surgery	Plast Reconstr Surg. 1998 Jul;102(1):271-2.
1998	Causal Relation	---	---	---	Efficient in vitro model for immunotoxicologic assessment of mammary silicone implants.	Korea	Rhie JW, et al.	Surgery	Plast Reconstr Surg. 1998 Jul;102(1):73-7.
1998	Causal Relation	---	Bleeding/Migration	---	Silicon analysis of breast and capsular tissue from patients with saline or silicone gel breast implants: II. Correlation with connective-tissue disease.	USA	Weinzweig J, et al.	Surgery	Plast Reconstr Surg. 1998 Jun;101(7):1836-41.
1998	Complication	Treatment	---	---	Aesthetic management of the breast following explantation: evaluation and mastopexy options.	USA	Rohrich RJ, et al.	Surgery	Plast Reconstr Surg. 1998 Mar;101(3):827-37.
1998	---	---	---	History	The other side of the story.	USA	Burnham BE.	Surgery	Plast Reconstr Surg. 1998 Mar;101(3):875-8.
1998	---	---	Surface Type	---	The influence of time on human breast capsule histology: smooth and textured silicone-surfaced implants.	USA	Wyatt LE, et al.	Surgery	Plast Reconstr Surg. 1998 Nov;102(6):1922-31.
1998	Complication	---	---	---	Brown pigmentation in painful double lumen breast implants.	USA	Smith AR, Raso DS, Wooden WA.	Surgery	Plast Reconstr Surg. 1998 Oct;102(5):1772-3.
1998	---	---	Rupture	---	Decision-analysis methodology in the work-up of women with suspected silicone breast implant rupture.	USA	Chung KC, Greenfield ML, Walters M.	Surgery	Plast Reconstr Surg. 1998 Sep;102(3):689-95.
1998	Complication	---	---	---	Capsulectomy.	USA	Miller TA.	Surgery	Plast Reconstr Surg. 1998 Sep;102(3):882-3.

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1998	Risk/Safety	Technique	---	---	Guidelines and indications for breast implant capsulectomy.	USA	Young VL.	Surgery	Plast Reconstr Surg. 1998 Sep;102(3):884-91; discussion 892-4.
1998	---	---	---	Epidemiology	Epidemiology and causation: the breast implant controversy.	USA	Cook RR, et al.	Surgery	Plast Reconstr Surg. 1998 Sep;102(3):921-3.
1998	---	Diagnosis	Rupture	---	Imaging signs and radiologists' jargon of ruptured breast implants.	Netherlands	Beckman WH, et al.	Surgery	Plast Reconstr Surg. 1998 Sep;102(4):1281-9.
1998	Complication	---	---	---	Determining the frequency of breast implant failure requires sound scientific principles.	Canada	Young VL, et al.	Surgery	Plast Reconstr Surg. 1998 Sep;102(4):1295-301.
1999	---	Diagnosis	---	---	Extended field-of-view two-dimensional ultrasonography of the breast: improvement in lesion documentation.	USA	Ghate SV, Soo MS, Mengoni PM.	Medical Devices	J Ultrasound Med. 1999 Sep;18(9):597-601.
1999	---	---	Bleeding/Migration	---	Migration and chemical modification of silicone in women with breast prostheses.	Canada	Knight CT.	Medical Devices	Magn Reson Med. 1999 Nov;42(5):979-80; author reply 995-6.
1999	---	---	Bleeding/Migration	---	Migration and chemical modification of silicone in women with breast prostheses.	Canada	Macdonald PM.	Medical Devices	Magn Reson Med. 1999 Nov;42(5):981-2; author reply 995-6.
1999	---	---	Bleeding/Migration	---	Migration and chemical modification of silicone in women with breast prostheses.	USA	Kennan JJ, Taylor RB.	Medical Devices	Magn Reson Med. 1999 Nov;42(5):982-3; author reply 995-6.
1999	---	Diagnosis	---	---	A critical review of MR studies concerning silicone breast implants.	Germany	Hull WE.	Medical Devices	Magn Reson Med. 1999 Nov;42(5):984-95; author reply 995-6.
1999	---	Diagnosis	Bleeding/Migration	---	Analysis of periprosthetic capsular tissue from women with silicone breast implants by magic-angle spinning NMR.	USA	Garrido L, Young VL.	Medical Devices	Magn Reson Med. 1999 Sep;42(3):436-41.
1999	Causal Relation	---	---	---	Granulomatous reaction to silicone in axillary lymph nodes. A case report with cytologic findings.	Spain	Santos-Briz A Jr, et al.	Medicine	Acta Cytol. 1999 Nov-Dec;43(6):1163-5.
1999	Causal Relation	---	---	---	Unusual skin reaction to silicone content in breast implants.	Sweden	Marcusson JA, Bjarnason B.	Medicine	Acta Derm Venereol. 1999 Mar;79(2):136-8.
1999	Causal Relation	---	---	---	Association of silicone breast implants with immunologic abnormalities: a prospective study.	USA	Karlson EW, et al.	Medicine	Am J Med. 1999 Jan;106(1):11-9.
1999	Complication	---	---	---	Functional somatic syndromes.	USA	Barsky AJ, Borus JF.	Medicine	Ann Intern Med. 1999 Jun 1;130(11):910-21.
1999	---	---	---	Regulation/Sociology	United States clears silicone breast implants.	USA	Josefson D.	Medicine	BMJ. 1999 Jul 3;319(7201):8.
1999	---	Technique	---	---	Immediate breast reconstruction with deepidermalized transverse rectus abdominis musculocutaneous flap after skin-sparing mastectomy.	France	Watier E, et al.	Medicine	Eur J Obstet Gynecol Reprod Biol. 1999 May;84(1):17-21.
1999	Complication	---	---	---	Initial experience of intramammary prostheses in breast conservation surgery.	UK	Elton C, Jones SE, Jones PA.	Medicine	Eur J Surg Oncol. 1999 Apr;25(2):138-41.
1999	---	Diagnosis	Rupture	---	Imaging breasts with silicone implants.	Sweden	Azavedo E, Boné B.	Medicine	Eur Radiol. 1999;9(2):349-55.
1999	Complication	Technique	---	---	Dynamics of wound healing after silicone device implantation.	USA	Shanklin DR, Smalley DL.	Medicine	Exp Mol Pathol. 1999 Sep;67(1):26-39.
1999	---	---	---	Sociology	[Silicone breast implants: an update].	Israel	Amir A, et al.	Medicine	Harefuah. 1999

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				gy					Oct;137(7-8):304-8.
1999	---	---	---	Regulation/Sociology	Science in the courtroom. A new approach.	USA	Dresser R.	Medicine	Hastings Cent Rep. 1999 May-Jun;29(3):26-7.
1999	---	---	---	Regulation/Sociology	Institute of Medicine finds no link between breast implants and disease.	USA	Nelson N.	Medicine	J Natl Cancer Inst. 1999 Jul 21;91(14):1191.
1999	Complication	---	---	---	Squamous cell carcinoma of the breast following silicone injection of the breasts.	USA	Smith LF, et al.	Medicine	J Okla State Med Assoc. 1999 Mar;92(3):126-30.
1999	Causal Relation	---	---	---	A comparison of autoantibody production in asymptomatic and symptomatic women with silicone breast implants.	Israel	Zandman-Goddard G, et al.	Medicine	J Rheumatol. 1999 Jan;26(1):73-7.
1999	Causal Relation	---	Rupture	---	Severe migratory granulomatous reactions to silicone gel in 3 patients.	USA	Teuber SS, et al.	Medicine	J Rheumatol. 1999 Mar;26(3):699-704.
1999	---	---	---	Epidemiology	Epidemiology versus outcome. The silicone breast implant controversy.	USA	Vasey FB, Selezniek MJ.	Medicine	J Rheumatol. 1999 May;26(5):1018-9.
1999	---	---	---	Sociology	Silicone breast implants: the saga continues.	USA	Martin L.	Medicine	J Rheumatol. 1999 May;26(5):1020-1.
1999	Causal Relation	---	---	---	"Silicone related symptoms" are common in patients with fibromyalgia: no evidence for a new disease.	USA	Wolfe F.	Medicine	J Rheumatol. 1999 May;26(5):1172-5.
1999	Complication	Diagnosis	---	---	The influence of silicone implantation on murine lupus in MRL lpr/lpr mice.	USA	Schaefer CJ, Wooley PH.	Medicine	J Rheumatol. 1999 Oct;26(10):2215-21.
1999	Causal Relation	---	---	---	Silicone filled breast implants and the risk of fibromyalgia and rheumatoid arthritis.	USA	Wolfe F, Anderson J.	Medicine	J Rheumatol. 1999 Sep;26(9):2025-8.
1999	Complication	---	---	---	Cosmetic and postmastectomy breast implants: Finnish women's experiences.	Finland	Hovi SL, Hemminki E, Swan SH.	Medicine	J Womens Health Gend Based Med. 1999 Sep;8(7):933-9.
1999	Complication	---	---	---	[Congenital breast deformity is a serious handicap. An important indication for breast reconstruction with silicone implants].	Sweden	Wieslander JB.	Medicine	Lakartidningen. 1999 Apr 7;96(14):1703-5, 1708-10.
1999	Causal Relation	---	---	Regulation/Sociology	No syndrome linked to breast implants, says IoM. Insitute of Medicine.	Australia	Mitchell P.	Medicine	Lancet. 1999 Jun 26;353(9171):2215.
1999	---	---	---	Regulation/Sociology	Experts come to court.	UK	[No authors listed]	Medicine	Lancet. 1999 May 1;353(9163):1455.
1999	---	---	---	Sociology	"Bias" challenge fails in breast implant cases.	UK	Sharp D.	Medicine	Lancet. 1999 May 1;353(9163):1506.
1999	Complication	---	---	---	Breast cancer after augmentation mammoplasty with silicone gel-filled implant: a case report.	Malaysia	Tun M, Madhavan M.	Medicine	Malays J Med Sci. 1999 Jul;6(2):26-9.
1999	---	Diagnosis	---	---	Scintimammography: an adjunctive test for the detection of breast cancer.	Australia	Howarth D, et al.	Medicine	Med J Aust. 1999 Jun 21;170(12):588-91.
1999	Causal Relation	---	---	---	Silicone gel-filled breast and testicular implant capsules: a histologic and immunophenotypic study.	USA	Abbondanzo SL, et al.	Medicine	Mod Pathol. 1999 Jul;12(7):706-13.
1999	---	Diagnosis	---	---	Laser-Raman microprobe identification of inclusions in capsules associated with silicone gel breast implants.	USA	Centeno JA, et al.	Medicine	Mod Pathol. 1999 Jul;12(7):714-21.

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1999	Risk/Safety	---	---	---	[Risks from silicone breast implants unproven].	Netherlands	Maes RM.	Medicine	Ned Tijdschr Geneeskd. 1999 Mar 13;143(11):587; author reply 587-8.
1999	---	---	---	Sociology	Expert witness testimony: A trial judge's perspective.	USA	Weinstein JB.	Medicine	Neurol Clin. 1999 May;17(2):355-62.
1999	Causal Relation	---	---	---	Pathologic findings in nerve and muscle biopsies from 47 women with silicone breast implants.	USA	Vogel H.	Medicine	Neurology. 1999 Jul 22;53(2):293-7.
1999	---	Diagnosis	Bleeding/Migration	---	Imaging spectrum of extracapsular silicone: correlation of US, MR imaging, mammographic, and histopathologic findings.	USA	Caskey CI, et al.	Medicine	Radiographics. 1999 Oct;19 Spec No:S39-51; quiz S261-2.
1999	Complication	Technique	---	---	[Breast augmentation: indications, types of prostheses, surgical techniques, complications, results].	Switzerland	Bettex S, et al.	Medicine	Rev Med Suisse Romande. 1999 Sep;119(9):729-37.
1999	Causal Relation	---	---	Regulation/Sociology	[Silicone in autoimmune diseases and cancer].	Spain	Elejabeitia J.	Medicine	Rev Med Univ Navarra. 1999 Apr-Jun;43(2):62-7.
1999	Causal Relation	---	---	---	Silastic prostheses--a forgotten cause of lymphadenopathy in rheumatoid arthritis.	UK	Hopkinson N, Parham D, Benjamin S.	Medicine	Rheumatology (Oxford). 1999 May;38(5):480-1.
1999	Complication	---	---	---	Mycobacterium avium infection in a patient with the acquired immunodeficiency syndrome and silicone breast implants.	USA	Eliopoulos DA, Lyle G.	Medicine	South Med J. 1999 Jan;92(1):80-3.
1999	Risk/Safety	---	---	Sociology	Newspaper coverage of the breast implant controversy.	USA	Powers A.	Medicine	Women Health. 1999;30(2):83-98.
1999	Risk/Safety	---	---	---	Assessing the harm of silicone gel-filled breast implants.	USA	Shapiro MM.	Nursing	Nurse Pract. 1999 Mar;24(3):140-1.
1999	---	---	---	History	History of breast prostheses.	USA	O'Brien J.	Nursing	Plast Surg Nurs. 1999 Summer;19(2):59-61, 107.
1999	Risk/Safety	---	---	---	Safety of Silicone Breast Implants.	USA	Institute of Medicine (US) Committee on the Safety of Silicone Breast Implants; Bondurant S, Ernster V, Herdman R, editors.	Others	Washington (DC): National Academies Press (US); 1999.
1999	---	Diagnosis	---	---	Silicon-29 nuclear magnetic resonance spectroscopy detection limits.	Canada	Knight CT, Kinrade SD.	Science	Anal Chem. 1999 Jan 1;71(1):265-7.
1999	Risk/Safety	---	---	Regulation/Sociology	A formal risk assessment of silicone breast implants.	USA	Gerszten PC.	Science	Biomaterials. 1999 Jun;20(11):1063-9.
1999	---	---	Property	---	Adjuvancy effect of different types of silicone gel.	Canada	McDermott MR, et al.	Science	J Biomed Mater Res. 1999 Jul;46(1):132-4.
1999	Complication	---	---	Regulation/Sociology	Silicone gel breast implant failure and frequency of additional surgeries: analysis of 35 studies reporting examination of more than 8,000 explants.	USA	Marotta JS, et al.	Science	J Biomed Mater Res. 1999;48(3):354-64.
1999	Risk/Safety	---	---	---	Silicone safe.	USA	Reed C.	Science	Sci Am. 1999 Sep;281(3):18.

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1999	Risk/Safety	---	---	Sociology	Panel discounts implant disease risk.	USA	Kaiser J.	Science	Science. 1999 Jun 25;284(5423):2065-6.
1999	Risk/Safety	---	---	---	Breast implant safety.	USA	Davis DL, Garry RF.	Science	Science. 1999 Mar 12;283(5408):1644.
1999	---	---	---	Sociology	Science, justice, and breast implants.	USA	Bayer R.	Sociology	Am J Public Health. 1999 Apr;89(4):483.
1999	Causal Relation	---	---	Epidemiology	Silicone breast implants: epidemiological evidence of sequelae.	USA	Stein ZA.	Sociology	Am J Public Health. 1999 Apr;89(4):484-7.
1999	---	---	---	Regulation/Sociology	Ethics, epidemiology, and law: the case of silicone breast implants.	USA	Macklin R.	Sociology	Am J Public Health. 1999 Apr;89(4):487-9.
1999	---	---	---	Epidemiology	Comment: epidemiology and the new political economy of medicine.	USA	Fox DM.	Sociology	Am J Public Health. 1999 Apr;89(4):493-6.
1999	Causal Relation	---	---	---	Cyclosiloxanes produce fatal liver and lung damage in mice.	USA	Lieberman MW, et al.	Sociology	Environ Health Perspect. 1999 Feb;107(2):161-5.
1999	---	---	---	Regulation/Sociology	General and plastic surgery devices; effective date of requirement for premarket approval of the silicone inflatable breast prosthesis. Department of Health and Human Services (HHS), Public Health Service (PHS), Food and Drug Administration (FDA). Final rule.	USA	[No authors listed]	Sociology	Fed Regist. 1999 Aug 19;64(160):45155-61.
1999	---	---	---	Regulation/Sociology	The regulatory process, the Food and Drug Administration, and the silicone breast implant controversy.	USA	Palley HA, Palley ML.	Sociology	J Health Soc Policy. 1999;11(1):1-20.
1999	---	---	Design	---	Buckled upper pole breast style 410 implant presenting as a manifestation of capsular contraction.	Australia	Hodgkinson DJ.	Surgery	Aesthetic Plast Surg. 1999 Jul-Aug;23(4):279-81.
1999	Complication	---	---	---	A ten-year experience using polyurethane-covered breast implants.	Argentina	Vázquez G.	Surgery	Aesthetic Plast Surg. 1999 May-Jun;23(3):189-96.
1999	Complication	---	Surface Type	---	How reliable are textured implants used in breast surgery? A review of 510 implants.	Switzerland	Bronz G.	Surgery	Aesthetic Plast Surg. 1999 Nov-Dec;23(6):424-7.
1999	Complication	---	---	---	Late spontaneous extrusion of a texturized silicone gel mammary implant.	Brazil	Abramo AC, et al.	Surgery	Aesthetic Plast Surg. 1999 Nov-Dec;23(6):433-6.
1999	---	Diagnosis	---	---	Spontaneous autoinflation of saline-filled mammary implants: postoperative volume determination by magnetic resonance imaging.	Turkey	Tuncali D, Ozgür F.	Surgery	Aesthetic Plast Surg. 1999 Nov-Dec;23(6):437-42.
1999	Complication	---	---	---	Late and long-standing capsular hematoma after aesthetic breast augmentation with a saline-filled silicone prosthesis: A case report.	Turkey	Görgü M, et al.	Surgery	Aesthetic Plast Surg. 1999 Nov-Dec;23(6):443-4.
1999	Causal Relation	---	---	---	Elemental analysis and clinical implications of calcification deposits associated with silicone breast implants.	USA	Raso DS, et al.	Surgery	Ann Plast Surg. 1999 Feb;42(2):117-23.
1999	Experience	Experience	---	---	Long-term follow-up of a sponge breast implant and review of the literature.	USA	Glatt BS, Afifi G, Noone RB.	Surgery	Ann Plast Surg. 1999 Feb;42(2):196-201.
1999	---	Technique	---	---	Cartilaginous metaplasia in the capsule of a Dacron-backed silicone gel breast prosthesis.	Canada	Kamel M, Fornasier VL, Peters W.	Surgery	Ann Plast Surg. 1999 Feb;42(2):202-6.
1999	---	Diagnosis	Rupture	---	The life span of silicone gel breast implants and a comparison of mammography, ultrasonography, and	Canada	Peters W, Smith D, Lugowski S.	Surgery	Ann Plast Surg. 1999 Jul;43(1):97-9.

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					magnetic resonance imaging in detecting implant rupture: a meta-analysis.				
1999	---	Diagnosis	Rupture	---	Re: The life span of silicone gel breast implants and a comparison of mammography, ultrasonography, and magnetic resonance imaging in detecting implant rupture: a meta-analysis.	USA	Dowden R.	Surgery	Ann Plast Surg. 1999 Jul;43(1):99-100.
1999	---	Diagnosis	Rupture	---	False-positive radiographic diagnosis of breast implant rupture because of breast abscess.	USA	Sanger JR, Sinha R, Walker AP.	Surgery	Ann Plast Surg. 1999 May;42(5):564-7.
1999	---	Diagnosis	Rupture	---	Re: The life span of silicone gel breast implants.	USA	Melmed EP.	Surgery	Ann Plast Surg. 1999 May;42(5):571.
1999	---	Diagnosis	---	---	Effect of silicone breast implants on myocardial imaging.	Turkey	Caner B, et al.	Surgery	Ann Plast Surg. 1999 Nov;43(5):471-5.
1999	---	---	---	History	Augmentation mammoplasty: the story before the silicone bag prosthesis.	Netherlands	Beekman WH, et al.	Surgery	Ann Plast Surg. 1999 Oct;43(4):446-51.
1999	Causal Relation	---	---	---	Silicon assays in women with and without silicone gel breast implants--a review.	Canada	Peters W, Smith D, Lugowski S.	Surgery	Ann Plast Surg. 1999 Sep;43(3):324-30.
1999	---	---	EQUAM	---	Consensus declaration of EQUAM.	Netherlands	Nicolai JP.	Surgery	Br J Plast Surg. 1999 Jan;52(1):78.
1999	Complication	---	---	Sociology	Toward Understanding Women Who Request Removal of Silicone Breast Implants.	USA	Roberts CS, Wells KE, Walden K.	Surgery	Breast J. 1999 Jul;5(4):246-251.
1999	---	Diagnosis	---	---	Detection of cancer in augmented breasts by positron emission tomography.	Korea	Noh DY, et al.	Surgery	Eur J Surg. 1999 Sep;165(9):847-51.
1999	Complication	---	---	---	Analysis of breast implant capsular tissue for crystalline silica and other refractile phases.	USA	Pasteris JD, et al.	Surgery	Plast Reconstr Surg. 1999 Apr;103(4):1273-6.
1999	---	Diagnosis	Rupture	---	Silicone breast implant rupture: pitfalls of magnetic resonance imaging and relative efficacies of magnetic resonance, mammography, and ultrasound.	USA	Ikeda DM, et al.	Surgery	Plast Reconstr Surg. 1999 Dec;104(7):2054-62.
1999	---	Diagnosis	---	---	Breast cancer detection using magnetic resonance imaging in breasts injected with liquid silicone.	Taiwan	Peng HL, et al.	Surgery	Plast Reconstr Surg. 1999 Dec;104(7):2116-20.
1999	Complication	---	---	---	Failure of silicone gel breast implants.	USA	Cook RR, et al.	Surgery	Plast Reconstr Surg. 1999 Mar;103(3):1091-2.
1999	---	---	EQUAM	---	EQUAM Declaration on Breast Implants, July 4, 1998. European Committee on Quality Assurance and Medical Devices in Plastic Surgery.	Netherlands	Nicolai JP.	Surgery	Plast Reconstr Surg. 1999 Mar;103(3):1094.
1999	Risk/Safety	---	---	---	Safety of silicone breast implants: scientific validation/vindication at last.	USA	Rohrich RJ.	Surgery	Plast Reconstr Surg. 1999 Nov;104(6):1786-8.
1999	---	QoL	---	---	Factors predictive of quality of life after silicone-implant explanation.	USA	Rohrich RJ, et al.	Surgery	Plast Reconstr Surg. 1999 Oct;104(5):1334-7.
1999	Causal Relation	---	Bleeding/Migration	---	The deposition of talc in patients with silicone gel-filled breast implants.	USA	Chandler PJ Jr.	Surgery	Plast Reconstr Surg. 1999 Sep;104(3):661-8.
1999	Experience	Experience	---	Regulation/Sociology	Postmastectomy breast reconstruction in Connecticut: trends and predictors.	USA	Polednak AP.	Surgery	Plast Reconstr Surg. 1999 Sep;104(3):669-73.
1999	---	---	Rupture	---	Analysis of risk factors associated with	USA	Feng LJ, Amini	Surgery	Plast Reconstr Surg. 1999

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					rupture of silicone gel breast implants.		SB.		Sep;104(4):955-63.
1999	---	Diagnosis	---	---	Accuracy of ultrasonography and magnetic resonance imaging in detecting failure of breast implants filled with silicone gel.	Netherlands	Beekman WH, et al.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 1999 Dec;33(4):415-8.
1999	Complication	---	---	---	[Progress in the study of immunological activity of silicone gel].	China	Su S, Xin S, Zhang Y.	Surgery	Zhonghua Zheng Xing Shao Shang Wai Ke Za Zhi. 1999 Sep;15(5):378-9.
2000	Complication	Diagnosis	Bleeding/Migration	---	Imaging spectrum of breast implant complications: mammography, ultrasound, and magnetic resonance imaging.	USA	O'Toole M, Caskey CI.	Medical Devices	Semin Ultrasound CT MR. 2000 Oct;21(5):351-61.
2000	---	Diagnosis	Rupture	---	Prevalence of rupture of silicone gel breast implants revealed on MR imaging in a population of women in Birmingham, Alabama.	USA	Brown SL, et al.	Medicine	AJR Am J Roentgenol. 2000 Oct;175(4):1057-64.
2000	Complication	---	---	---	Case 2. Retained silicone and fibrous capsule in the right breast and retained fibrous capsule in the left breast after removal of implants.	USA	Sinclair DS, Spigos DG, Olsen J.	Medicine	AJR Am J Roentgenol. 2000 Sep;175(3):860; 862-4.
2000	---	Diagnosis	---	---	Pathological mineralizations: calcifications and Si-bearing particles in soft tissues and their eventual relationship to different prostheses.	Argentina	Leyva AG, et al.	Medicine	Artif Organs. 2000 Mar;24(3):179-81.
2000	Complication	---	---	---	Unclassified or undifferentiated connective tissue disease.	USA	Alarcón GS.	Medicine	Baillieres Best Pract Res Clin Rheumatol. 2000 Mar;14(1):125-37.
2000	Complication	---	---	---	A case of inflammatory breast cancer following augmentation mammoplasty with silicone gel implants.	Japan	Kasamaki S, et al.	Medicine	Breast Cancer. 2000 Jan;7(1):71-4.
2000	Risk/Safety	---	---	---	On the safety of silicone gel breast implants.	USA	Puckett CL.	Medicine	Cancer Invest. 2000;18(3):278-80.
2000	Risk/Safety	---	---	---	Are silicone gel breast implants safe?	USA	Solomon G.	Medicine	Cancer Invest. 2000;18(3):281-4.
2000	Risk/Safety	---	---	---	On the safety of silicone gel breast implants.	USA	Puckett CL.	Medicine	Cancer Invest. 2000;18(3):285.
2000	Risk/Safety	---	---	---	Are silicone gel breast implants safe?	USA	Solomon G.	Medicine	Cancer Invest. 2000;18(3):286.
2000	Complication	---	Bleeding/Migration	---	Induction of hypergammaglobulinemia and macrophage activation by silicone gels and oils in female A.SW mice.	USA	Naim JO, et al.	Medicine	Clin Diagn Lab Immunol. 2000 May;7(3):366-70.
2000	---	Diagnosis	---	---	Effects of silicone breast prostheses on the assessment of body composition by dual-energy X-ray absorptiometry.	Denmark	Madsen OR, et al.	Medicine	Clin Physiol. 2000 Jul;20(4):279-82.
2000	Causal Relation	---	---	---	First evaluation study of the Dutch Working Party on silicone breast implants (SBI) and the silicone-related symptom complex (SRSC).	Netherlands	Contant CM, et al.	Medicine	Clin Rheumatol. 2000;19(6):458-63.
2000	---	Diagnosis	---	---	[Imaging of the breast tissue].	Italy	Gualdi GF, et al.	Medicine	Clin Ter. 2000 Jul-Aug;151(4):269-78.
2000	Risk/Safety	---	---	---	Systemic sclerosis: environmental and occupational risk factors.	USA	Nietert PJ, Silver RM.	Medicine	Curr Opin Rheumatol. 2000 Nov;12(6):520-6.
2000	Causal Relation	---	---	---	Silicone granuloma.	Switzerland	Krayenbühl BH, Panizzon RG.	Medicine	Dermatology. 2000;200(4):360-2.

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2000	Risk/Safety	---	---	---	Evaluation of the carcinogenic risks to humans associated with surgical implants and other foreign bodies - a report of an IARC Monographs Programme Meeting. International Agency for Research on Cancer.	France	McGregor DB, et al.	Medicine	Eur J Cancer. 2000 Feb;36(3):307-13.
2000	Complication	---	---	---	Morbidity of immediate breast reconstruction (IBR) after mastectomy by a subpectorally placed silicone prosthesis: the adverse effect of radiotherapy.	Netherlands	Contant CM, et al.	Medicine	Eur J Surg Oncol. 2000 Jun;26(4):344-50.
2000	---	Technique	---	---	Subcutaneous mastectomy with implant reconstruction: cosmetic outcome and patient satisfaction.	UK	Al-Ghazal SK, Blamey RW.	Medicine	Eur J Surg Oncol. 2000 Mar;26(2):137-41.
2000	Causal Relation	---	---	---	Antibodies to squalene in Gulf War syndrome.	USA	Asa PB, Cao Y, Garry RF.	Medicine	Exp Mol Pathol. 2000 Feb;68(1):55-64.
2000	Complication	---	---	---	Catalase-negative Actinomyces neuii subsp. neuii isolated from an infected mammary prosthesis.	Switzerland	Brunner S, et al.	Medicine	Int J Med Microbiol. 2000 Jul;290(3):285-7.
2000	Causal Relation	---	---	---	Restricted and shared patterns of TCR beta-chain gene expression in silicone breast implant capsules and remote sites of tissue inflammation.	USA	O'Hanlon TP, et al.	Medicine	J Autoimmun. 2000 Jun;14(4):283-93.
2000	Causal Relation	---	---	---	Silicone breast implants not linked to breast cancer risk.	USA	Nelson NJ.	Medicine	J Natl Cancer Inst. 2000 Nov 1;92(21):1714-5.
2000	---	---	---	Sociology	The silicone gel breast implant controversy: the rise of expert panels and the fall of junk science.	USA	Price JM, Rosenberg ES.	Medicine	J R Soc Med. 2000 Jan;93(1):31-4.
2000	Causal Relation	---	---	---	Analysis of silicon in human tissues with special reference to silicone breast implants.	Canada	Lugowski SJ, et al.	Medicine	J Trace Elem Med Biol. 2000 Apr;14(1):31-42.
2000	Risk/Safety	---	---	History	Cosmetic breast augmentation surgery: a critical overview.	USA	Sarwer DB, Nordmann JE, Herbert JD.	Medicine	J Womens Health Gend Based Med. 2000 Oct;9(8):843-56.
2000	---	---	Bleeding/Migration	---	Prosthesis folding as a cause of the saline breast implant partial deflation 12 years after augmentation mammoplasty: a case report.	Taiwan	Yang CC.	Medicine	Kaohsiung J Med Sci. 2000 Sep;16(9):486-9.
2000	---	---	---	Sociology	Scientific expert witnesses in legal cases go on trial.	USA	Senior K.	Medicine	Lancet. 2000 Mar 25;355(9209):1077.
2000	---	Technique	---	---	The importance of documenting the appearance and status of breast implants at time of explantation.	USA	Middleton MS, et al.	Medicine	Mod Pathol. 2000 Sep;13(9):1050.
2000	Causal Relation	---	---	---	Meta-analyses of the relation between silicone breast implants and the risk of connective-tissue diseases.	USA	Janowsky EC, Kupper LL, Hulka BS.	Medicine	N Engl J Med. 2000 Mar 16;342(11):781-90.
2000	---	---	---	Sociology	Experience of a scientific panel formed to advise the federal judiciary on silicone breast implants.	USA	Hulka BS, Kerkvliet NL, Tugwell P.	Medicine	N Engl J Med. 2000 Mar 16;342(11):812-5.
2000	---	---	---	Sociology	Controversies in neurotoxicology: current status.	USA	Albers JW, Berent S.	Medicine	Neurol Clin. 2000 Aug;18(3):741-64.
2000	Risk/Safety	Diagnosis	---	---	[Role of MRI in the diagnosis of breast diseases].	France	Tardif-de Géry ST, et al.	Medicine	Presse Med. 2000 Jun 10;29(20):1145-53.
2000	Complica	Diagnos	---	---	Breast implant classification with MR	USA	Middleton MS,	Medicine	Radiographics. 2000

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	tion	is			imaging correlation: (CME available on RSNA link)		McNamara MP Jr.		May;20(3):E1.
2000	---	Diagnosis	---	---	Linguine sign.	USA	Safvi A.	Medicine	Radiology. 2000 Sep;216(3):838-9.
2000	Complication	Diagnosis	---	---	[Diagnosis of breast diseases with magnetic resonance tomography].	Norway	Kvistad KA, et al.	Medicine	Tidsskr Nor Laegeforen. 2000 May 10;120(12):1451-8.
2000	Long-Term Effects	---	---	Sociology	Silicone breast implants. What do we know about their long-term effects?	Australia	Arthur B, Janssen PA.	Nursing	AWHONN Lifelines. 2000 Oct-Nov;4(5):28-32.
2000	Risk/Safety	---	---	Sociology	Information for Women About the Safety of Silicone Breast Implants.	USA	Institute of Medicine (US); Grigg M, et al., editors.	Others	Washington (DC): National Academies Press (US); 2000.
2000	---	---	Property	---	Effect of surgical insertion on the local shell properties of SILASTIC II silicone gel breast implants.	USA	Wolf CJ, et al.	Science	J Biomater Sci Polym Ed. 2000;11(10):1007-21.
2000	Causal Relation	---	---	---	A retrospective cohort study of implanted medical devices and selected chronic diseases in Medicare claims data.	USA	Greenland S, Finkle WD.	Sociology	Ann Epidemiol. 2000 May;10(4):205-13.
2000	Complication	Technique	Bleeding/Migration	---	Endoscopic transaxillary subglandular breast augmentation using silicone gel textured implants.	UK	Villafane O, Garcia-Tutor E, Taggart I.	Surgery	Aesthetic Plast Surg. 2000 May-Jun;24(3):212-5.
2000	---	---	Material	---	Augmentation mammoplasty with a new cohesive gel prosthesis.	Italy	Bogetti P, et al.	Surgery	Aesthetic Plast Surg. 2000 Nov-Dec;24(6):440-4.
2000	---	Diagnosis	Rupture	---	[Contribution to the study of the future of silicon-gel breast implants in mammary reconstruction after cancer: concerning 205 implants].	France	Faucher A, Barreau B, Dilhuydy MH.	Surgery	Ann Chir Plast Esthet. 2000 Apr;45(2):97-101.
2000	Risk/Safety	---	---	---	[Survivorship of breast implants used in breast reconstruction. 949 implants].	France	Benadiba L, et al.	Surgery	Ann Chir Plast Esthet. 2000 Feb;45(1):31-40.
2000	Clinical Study	Clinical Study	---	---	Characteristics of women with cosmetic breast augmentation surgery compared with breast reduction surgery patients and women in the general population of Sweden.	USA	Fryzek JP, et al.	Surgery	Ann Plast Surg. 2000 Oct;45(4):349-56.
2000	Complication	---	---	---	Unilateral virginal breast hypertrophy.	Turkey	Ağaoğlu G, Özgür F, Erk Y.	Surgery	Ann Plast Surg. 2000 Oct;45(4):451-3.
2000	---	Diagnosis	Rupture	---	MRI scan diagnosis of trilucent breast implant rupture.	UK	Cole RP, Morris AD.	Surgery	Br J Plast Surg. 2000 Apr;53(3):251-2.
2000	Causal Relation	---	---	---	Anti-silicone antibodies and silicone containing breast implants.	UK	Oliver DW, et al.	Surgery	Br J Plast Surg. 2000 Jul;53(5):410-4.
2000	Complication	---	---	---	Chronic haematoma as a late complication of cosmetic breast augmentation.	UK	Iorwerth A, Cochrane R, Webster DJ.	Surgery	Breast. 2000 Jun;9(3):158-60.
2000	---	Treatment	---	---	Reconstruction of congenital chest wall deformities using solid silicone onlay prostheses.	USA	Marks MW, Iacobucci J.	Surgery	Chest Surg Clin N Am. 2000 May;10(2):341-55, vii.
2000	Complication	---	---	---	[Chronic recurrent, locally destructive siliconomas after breast augmentation by liquid silicone oil].	Austria	Schoeller T, et al.	Surgery	Chirurg. 2000 Nov;71(11):1370-3.
2000	---	Technique	---	---	[Surgical reconstruction options in Poland's syndrome].	Bulgaria	Shipkov Kh, et al.	Surgery	Khirurgiia (Sofiia). 2000;56(2):26-9.
2000	---	---	---	History	Textured-surface saline-filled silicone	USA	Spear SL.	Surgery	Plast Reconstr Surg. 2000

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					breast implants for augmentation mammoplasty.		Elmaraghy M, Hess C.		Apr;105(4):1542-52; discussion 1553-4.
2000	---	Treatment	---	---	The effect of betadine on silicone implants.	Switzerland	Becker H, Becker CD.	Surgery	Plast Reconstr Surg. 2000 Apr;105(4):1570-1.
2000	---	Treatment	---	---	The effect of betadine on silicone implants.	Switzerland	Becker H, Becker CD.	Surgery	Plast Reconstr Surg. 2000 Dec;106(7):1665.
2000	---	---	---	Sociology	Postoperative "slosh".	USA	Brody GS.	Surgery	Plast Reconstr Surg. 2000 Feb;105(2):809.
2000	Complication	---	---	---	Silicone gel implant capsules and Chlamydia antigens.	Canada	Peters W, et al.	Surgery	Plast Reconstr Surg. 2000 Jul;106(1):225-6.
2000	---	---	---	Sociology	Syllogism in plastic surgery.	Canada	Taylor WG.	Surgery	Plast Reconstr Surg. 2000 Jul;106(1):234-5.
2000	---	Technique	---	---	New microsurgical breast reconstruction using free paraumbilical perforator adiposal flaps.	Japan	Koshima I, et al.	Surgery	Plast Reconstr Surg. 2000 Jul;106(1):61-5.
2000	---	Technique	---	---	A prospective analysis of patients undergoing silicone breast implant explantation.	USA	Rohrich RJ, et al.	Surgery	Plast Reconstr Surg. 2000 Jun;105(7):2529-37; discussion 2538-43.
2000	Clinical Study	Clinical Study	---	---	A Prospective Analysis of Patients Undergoing Silicone Breast Implant Explantation.	Canada	Peters W.	Surgery	Plast Reconstr Surg. 2000 Jun;105(7):2538-2539.
2000	Clinical Study	Clinical Study	---	---	A Prospective Analysis of Patients Undergoing Silicone Breast Implant Explantation.	USA	Young VL, Atagi TA, Watson ME.	Surgery	Plast Reconstr Surg. 2000 Jun;105(7):2540-2543.
2000	---	Technique	---	---	Characteristics of a population of women with breast implants compared with women seeking other types of plastic surgery.	USA	Brinton LA, et al.	Surgery	Plast Reconstr Surg. 2000 Mar;105(3):919-27; discussion 928-9.
2000	Experience	Experience	---	---	Staged breast reconstruction with saline-filled implants in the irradiated breast: recent trends and therapeutic implications.	USA	Spear SL, Onyewu C.	Surgery	Plast Reconstr Surg. 2000 Mar;105(3):930-42.
2000	Experience	Experience	---	---	Silicone gel-filled breast implant integrity: a retrospective review of 478 consecutively explanted implants.	UK	Collis N, Sharpe DT.	Surgery	Plast Reconstr Surg. 2000 May;105(6):1979-85; discussion 1986-9.
2000	---	---	Property	---	Silicone Gel-Filled Breast Implant Integrity: A Retrospective Review of 478 Consecutively Explanted Implants.	USA	Young VL, Brandon HJ, Watson ME.	Surgery	Plast Reconstr Surg. 2000 May;105(6):1986-1989.
2000	Experience	Experience	---	---	Saline-filled breast implant safety and efficacy: a multicenter retrospective review.	USA	Cunningham BL, Lokeh A, Gutowski KA.	Surgery	Plast Reconstr Surg. 2000 May;105(6):2143-9; discussion 2150-1.
2000	---	Technique	---	---	Breast augmentation: choosing the optimal incision, implant, and pocket plane.	USA	Hidalgo DA.	Surgery	Plast Reconstr Surg. 2000 May;105(6):2202-16; discussion 2217-8.
2000	Complication	---	---	---	Coagulated blood within a replaced intact silicone gel breast implant.	UK	Dalal M, Cooper M, Munnoch DA.	Surgery	Plast Reconstr Surg. 2000 May;105(6):2270-1.
2000	---	---	Surface Type	---	Ten-year review of a prospective randomized controlled trial of textured versus smooth subglandular silicone gel breast implants.	UK	Collis N, et al.	Surgery	Plast Reconstr Surg. 2000 Sep;106(4):786-91.
2000	Complication	---	---	---	Recurrence of subglandular breast implant capsular contracture: anterior versus total capsulectomy.	UK	Collis N, Sharpe DT.	Surgery	Plast Reconstr Surg. 2000 Sep;106(4):792-7.

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2000	Complication	---	---	---	[Analysis of complications of augmentation mammoplasty in 12 patients].	China	Yang W, Yang P, Hou D.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2000 Sep;16(5):292-4.
2001	---	Diagnosis	---	---	Breast MRI.	USA	Harms SE, Flamig DP.	Medical Devices	Clin Imaging. 2001 Jul-Aug;25(4):227-46.
2001	Complication	---	---	Regulation/Sociology	Infections related to breast implants reported to the Food and Drug Administration, 1977-1997.	USA	Brown SL, et al.	Medical Devices	J Long Term Eff Med Implants. 2001;11(1-2):1-12.
2001	Risk/Safety	Diagnosis	---	---	Imaging of the patient with silicone gel breast implants.	USA	Piccoli CW.	Medical Devices	Magn Reson Imaging Clin N Am. 2001 May;9(2):393-408, vii-viii.
2001	---	Diagnosis	---	---	Chemical shift imaging with spectrum modeling.	Canada	An L, Xiang QS.	Medical Devices	Magn Reson Med. 2001 Jul;46(1):126-30.
2001	Causal Relation	---	---	---	Neurological disease among women with silicone breast implants in Denmark.	Denmark	Winther JF, et al.	Medicine	Acta Neurol Scand. 2001 Feb;103(2):93-6.
2001	Causal Relation	---	---	---	Connective tissue disease and other rheumatic conditions following cosmetic breast implantation in Denmark.	Denmark	Kjøller K, et al.	Medicine	Arch Intern Med. 2001 Apr 9;161(7):973-9.
2001	Causal Relation	---	---	---	Monoclonal gammopathy of undetermined significance and exposure to breast implants.	USA	Karlson EW, et al.	Medicine	Arch Intern Med. 2001 Mar 26;161(6):864-7.
2001	Causal Relation	---	---	---	Do silicone breast implants cause rheumatologic disorders? A systematic review for a court-appointed national science panel.	Canada	Tugwell P, et al.	Medicine	Arthritis Rheum. 2001 Nov;44(11):2477-84.
2001	---	---	---	History	Silicone breast implants and cancer.	USA	Herdman RC, Fahey TJ Jr.	Medicine	Cancer Invest. 2001;19(8):821-32.
2001	Causal Relation	---	---	---	Muscular rheumatism following breast surgery in Denmark.	Denmark	Jensen B, et al.	Medicine	Clin Exp Rheumatol. 2001 Mar-Apr;19(2):229.
2001	Causal Relation	---	---	---	Rheumatic manifestations in danish women with silicone breast implants.	Denmark	Jensen B, et al.	Medicine	Clin Rheumatol. 2001;20(5):345-52.
2001	Causal Relation	---	---	---	Localized morphea after silicone-gel-filled breast implant.	France	Granel B, et al.	Medicine	Dermatology. 2001;202(2):143-4.
2001	Complication	---	---	---	Clustered microcalcification following breast implant removal mimicking malignancy.	Switzerland	Herborn CU, et al.	Medicine	Eur Radiol. 2001;11(5):807-10.
2001	Complication	Diagnosis	---	---	Different distribution of HLA class II alleles in anti-topoisomerase I autoantibody responders between silicosis and systemic sclerosis patients, with a common distinct amino acid sequence in the HLA-DQB1 domain.	Japan	Ueki A, et al.	Medicine	Immunobiology. 2001 Dec;204(4):458-65.
2001	Causal Relation	---	---	---	Women's health after plastic surgery.	Australia	Englert H, et al.	Medicine	Intern Med J. 2001 Mar;31(2):77-89.
2001	---	---	Rupture	---	Silicone gel breast implants.	USA	Ehrlich GE.	Medicine	J Rheumatol. 2001 Dec;28(12):2760; author reply 2761-2.
2001	---	---	Rupture	---	Silicone gel breast implants.	USA	Bowlin SJ.	Medicine	J Rheumatol. 2001 Dec;28(12):2760-1; author reply 2761-2.
2001	Causal Relation	---	---	---	Serologic evaluations of women exposed to breast implants.	USA	Karlson EW, et al.	Medicine	J Rheumatol. 2001 Jul;28(7):1523-30.

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2001	---	---	Rupture	---	Silicone gel breast implant rupture, extracapsular silicone, and health status in a population of women.	USA	Brown SL, et al.	Medicine	J Rheumatol. 2001 May;28(5):996-1003.
2001	---	---	---	Sociology	Maybe now is the time to lift the ban on silicone breast implants.	Australia	Sims S, Lundberg GD.	Medicine	MedGenMed. 2001 Apr 2;3(2):17.
2001	Risk/Safety	---	---	---	Commentary: are breast implants safe?	USA	Zuckerman D.	Medicine	MedGenMed. 2001 Oct 24;3(4):12.
2001	---	---	---	Lactation	Transfer of drugs and other chemicals into human milk.	USA	American Academy of Pediatrics Committee on Drugs.	Medicine	Pediatrics. 2001 Sep;108(3):776-89.
2001	Causal Relation	---	---	---	Still's-like disease, breast prosthesis, and collagen implants.	France	Crétel E, et al.	Medicine	Rheumatol Int. 2001 Apr;20(3):129-31.
2001	---	Diagnosis	Bleeding/Migration	---	[MRI and MR spectroscopy after silicone breast implants in the female breast].	Germany	Pfleiderer B, Heindel W.	Medicine	Rofo. 2001 Jul;173(7):571-9.
2001	Complication	---	---	Regulation/Sociology	Silicone breast implants: lessons from a saga.	USA	Bondurant S.	Medicine	Trans Am Clin Climatol Assoc. 2001;112:149-56; discussion 157.
2001	---	---	Bleeding/Migration	---	Determination of low molecular weight silicones in plasma and blood of women after exposure to silicone breast implants by GC/MS.	Germany	Flassbeck D, et al.	Science	Anal Chem. 2001 Feb 1;73(3):606-11.
2001	---	---	Bleeding/Migration	---	The transport of octamethylcyclotetrasiloxane (D4) and polydimethylsiloxane (PDMS) in lightly cross-linked silicone rubber.	USA	Wolf CJ, et al.	Science	J Biomater Sci Polym Ed. 2001;12(7):801-15.
2001	Causal Relation	---	---	---	The peri-implant breast capsule: an immunophenotypic study of capsules taken at explantation surgery.	Canada	Kamel M, et al.	Science	J Biomed Mater Res. 2001;58(1):88-96.
2001	Risk/Safety	---	---	---	Potential risk factors for undifferentiated connective tissue disease among women: implanted medical devices.	USA	Laing TJ, et al.	Sociology	Am J Epidemiol. 2001 Oct 1;154(7):610-7.
2001	Causal Relation	---	---	---	Bioavailability of octamethylcyclotetrasiloxane (D(4)) after exposure to silicones by inhalation and implantation.	USA	Luu HM, Hutter JC.	Sociology	Environ Health Perspect. 2001 Nov;109(11):1095-101.
2001	Complication	---	---	---	Mortality among augmentation mammoplasty patients.	USA	Brinton LA, et al.	Sociology	Epidemiology. 2001 May;12(3):321-6.
2001	---	---	---	Regulation/Sociology	Clearing away the junk: court-appointed experts, scientifically marginal evidence, and the silicone gel breast implant litigation.	USA	Goss PJ, et al.	Sociology	Food Drug Law J. 2001;56(2):227-40.
2001	Risk/Safety	---	---	Sociology	Framing women's health with a sense-making approach: magazine coverage of breast cancer and implants.	USA	Andsager JL, Powers A.	Sociology	Health Commun. 2001;13(2):163-85.
2001	Complication	Treatment	---	---	The effect of local application of mitomycin-C on the development of capsule around silicone implants in the breast: an experimental study in mice.	Greece	Frangou J, Kanellaki M.	Surgery	Aesthetic Plast Surg. 2001 Mar-Apr;25(2):118-28.
2001	---	---	Design	History	Mammary augmentation by cohesive silicone gel implants with anatomic	Sweden	Niechajev I.	Surgery	Aesthetic Plast Surg. 2001 Nov-Dec;25(6):397-403.

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					shape: technical considerations.				
2001	Clinical Study	Clinical Study	---	---	Prospective study of clinical findings and changes in 56 Trilucent implant explantations.	Germany	Münker R, et al.	Surgery	Aesthetic Plast Surg. 2001 Nov-Dec;25(6):421-6.
2001	---	Technique	---	---	Innovative new concepts in augmentative breast surgery. Part II: systematic and drawing.	Spain	Millán Mateo J, Vaquero Pérez MM.	Surgery	Aesthetic Plast Surg. 2001 Nov-Dec;25(6):436-42.
2001	---	---	---	History	Aesthetic breast augmentation: the double implant.	Uruguay	Bosch G, Jacobo O.	Surgery	Aesthetic Plast Surg. 2001 Sep-Oct;25(5):353-6.
2001	---	Technique	---	---	Bends of the breast: is it possible?	USA	Baeke JL.	Surgery	Ann Plast Surg. 2001 Apr;46(4):455.
2001	Complication	---	Surface Type	---	Ultrastructural anatomy of contracted capsules around textured implants in augmented breasts.	Italy	Rubino C, et al.	Surgery	Ann Plast Surg. 2001 Feb;46(2):95-102.
2001	Complication	---	---	---	The fate of the fibrous capsule after saline implant removal.	USA	Friedman HI, Friedman AC, Carson K.	Surgery	Ann Plast Surg. 2001 Mar;46(3):215-21.
2001	---	Technique	---	---	Skin-sparing mastectomy with staged tissue expander reconstruction using a silicone gel prosthesis and contralateral endoscopic breast augmentation.	USA	Burden WR.	Surgery	Ann Plast Surg. 2001 Mar;46(3):234-6; discussion 236-7.
2001	Risk/Safety	---	---	---	Offspring health risk after cosmetic breast implantation in Sweden.	Sweden	Signorello LB, et al.	Surgery	Ann Plast Surg. 2001 Mar;46(3):279-86.
2001	Causal Relation	---	---	---	Capsular contracture after cosmetic breast implant surgery in Denmark.	Denmark	Kjøller K, et al.	Surgery	Ann Plast Surg. 2001 Oct;47(4):359-66.
2001	---	Diagnosis	Rupture	---	MRI for detecting silicone breast implant rupture: meta-analysis and implications.	USA	Cher DJ, Conwell JA, Mandel JS.	Surgery	Ann Plast Surg. 2001 Oct;47(4):367-80.
2001	Complication	---	---	---	Expanding silicone granuloma.	UK	Malyon AD, et al.	Surgery	Br J Plast Surg. 2001 Apr;54(3):257-9.
2001	---	Technique	Sizer	---	Breast implants and gel-filled sizers.	Canada	Read-Jones MR, et al.	Surgery	Br J Plast Surg. 2001 Dec;54(8):732.
2001	---	---	---	Sociology	The breast-implant controversy: a medico-moral critique.	UK	Ward CM.	Surgery	Br J Plast Surg. 2001 Jun;54(4):352-7.
2001	Complication	---	---	---	Trilucent breast implants: a 3 year series.	UK	Rizkalla M, et al.	Surgery	Br J Plast Surg. 2001 Mar;54(2):125-7.
2001	---	---	Material	Regulation/Sociology	Alternative filler materials and new implant designs: what's available and what's on the horizon?	USA	Spear SL, Mardini S.	Surgery	Clin Plast Surg. 2001 Jul;28(3):435-43.
2001	Complication	---	---	Sociology	Breast implant research: where we have been, where we are, where we need to go.	USA	Young VL, Watson ME.	Surgery	Clin Plast Surg. 2001 Jul;28(3):451-83, vi.
2001	---	---	Design	---	Breast augmentation with anatomical cohesive gel implants: the world's largest current experience.	Sweden	Hedén P, Jernbeck J, Hober M.	Surgery	Clin Plast Surg. 2001 Jul;28(3):531-52.
2001	Risk/Safety	---	---	Sociology	Future directions in breast implant surgery.	USA	Goldberg P, Habal MB.	Surgery	Clin Plast Surg. 2001 Oct;28(4):687-702.
2001	Causal Relation	---	---	---	Silicone breast implants--are they associated with connective tissue disease?: Part 5 of the 6-part series on current concepts in breast reconstruction.	USA	McFadden TC Jr, et al.	Surgery	Curr Surg. 2001 Sep-Oct;58(5):430-6.
2001	---	Technique	---	---	Removal of soft tissue injected with liquid silicone with an	USA	Zandi I.	Surgery	Plast Reconstr Surg. 2001 Apr 1;107(4):1077.

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					ultrasound-suction system.				
2001	Complication	---	---	---	Blood clot within a silicone gel prosthesis.	USA	Melvin M.	Surgery	Plast Reconstr Surg. 2001 Apr 1;107(4):1082-3.
2001	---	Technique	---	---	Pectoralis major "trapdoor" flap for silicone breast implant medial knuckle deformities.	UK	Collis N, Platt AJ, Batchelor AG.	Surgery	Plast Reconstr Surg. 2001 Dec;108(7):2133-5; discussion 2136.
2001	Complication	---	---	---	Blood clot within a silicone gel prosthesis.	USA	Brody GS.	Surgery	Plast Reconstr Surg. 2001 Dec;108(7):2161-2.
2001	Complication	---	---	---	Silicone breast implants and fibromyalgia.	USA	Vasey FB, Mills CR, Wells AF.	Surgery	Plast Reconstr Surg. 2001 Dec;108(7):2165-8.
2001	Complication	---	---	---	Calcification properties of saline-filled breast implants.	Canada	Peters W, et al.	Surgery	Plast Reconstr Surg. 2001 Feb;107(2):356-63.
2001	Causal Relation	---	---	---	Self-reported symptoms among women after cosmetic breast implant and breast reduction surgery.	USA	Fryzek JP, et al.	Surgery	Plast Reconstr Surg. 2001 Jan;107(1):206-13.
2001	Complication	---	---	---	Patients having removal of silicone breast implants.	USA	Netscher DT.	Surgery	Plast Reconstr Surg. 2001 Jul;108(1):272-3.
2001	Risk/Safety	---	---	---	Scanning electron microscopy characterization of surgical instrument damage to breast implants.	USA	Brandon HJ, et al.	Surgery	Plast Reconstr Surg. 2001 Jul;108(1):52-61.
2001	Complication	---	---	---	Breast cancer after augmentation mammoplasty: treatment by skin-sparing mastectomy and immediate reconstruction.	USA	Carlson GW, et al.	Surgery	Plast Reconstr Surg. 2001 Mar;107(3):687-92.
2001	Experience	Experience	---	---	Immediate breast reconstruction with saline-filled implants: no interference with the oncologic outcome?	Belgium	Vandeweyer E, et al.	Surgery	Plast Reconstr Surg. 2001 May;107(6):1409-12.
2001	Complication	---	---	---	Asteroid bodies in a patient with oil breast implants.	Spain	Lasso JM, et al.	Surgery	Plast Reconstr Surg. 2001 Nov;108(6):1832-3.
2001	---	---	Surface Type	---	Ten-year experience with a textured silicone breast implant.	UK	Hamilton S, et al.	Surgery	Plast Reconstr Surg. 2001 Oct;108(5):1448-9.
2001	---	---	Property	---	Variability in the properties of silicone gel breast implants.	USA	Brandon HJ, et al.	Surgery	Plast Reconstr Surg. 2001 Sep 1;108(3):647-55.
2001	---	---	Rupture	---	Prevalence of silicone breast implant rupture among Danish women.	Denmark	Hölmich LR, et al.	Surgery	Plast Reconstr Surg. 2001 Sep 15;108(4):848-58; discussion 859-63.
2001	Experience	Experience	---	---	The lateral thoracodorsal flap in breast reconstruction: a long-term follow up study.	Sweden	Lossing C, et al.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 2001 Jun;35(2):183-92.
2002	---	Diagnosis	---	---	Lumpy silicone-injected breasts: enhanced MRI and microscopic correlation.	Taiwan	Cheung YC, et al.	Medical Devices	Clin Imaging. 2002 Nov-Dec;26(6):397-404.
2002	---	Diagnosis	---	---	Sonographic features with histologic correlation in two cases of palpable breast cancer after breast augmentation by liquid silicone injection.	Taiwan	Cheung YC, et al.	Medical Devices	J Clin Ultrasound. 2002 Nov-Dec;30(9):548-51.
2002	Risk/Safety	---	---	---	Incidence of breast and other cancers among Finnish women with cosmetic breast implants, 1970-1999.	Finland	Pukkala E, et al.	Medical Devices	J Long Term Eff Med Implants. 2002;12(4):271-9.
2002	---	---	Property	---	An in vitro study of the effect of in-folds on the durability of mammary implants.	USA	Richardson DC, et al.	Medical Devices	J Long Term Eff Med Implants. 2002;12(4):281-97.
2002	Causal	---	Material	---	Allergic reaction to platinum in silicone	USA	Arepalli SR,	Medical	J Long Term Eff Med

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	Relation		l		breast implants.		Bezabeh S, Brown SL.	Devices	Implants. 2002;12(4):299-306.
2002	---	Diagnosis	---	---	Correlation of single-lumen silicone implant integrity with chemical shift artifact on T2-weighted magnetic resonance images.	USA	Murphy TJ, Piccoli CW, Mitchell DG.	Medical Devices	J Magn Reson Imaging. 2002 Feb;15(2):159-64.
2002	---	Diagnosis	Rupture	---	MR imaging of extracapsular silicone from breast implants: diagnostic pitfalls.	USA	Berg WA, et al.	Medicine	AJR Am J Roentgenol. 2002 Feb;178(2):465-72.
2002	Complication	---	---	---	Metastatic silicone granuloma: lupus miliaris disseminatus faciei-like facial nodules and sicca complex in a silicone breast implant recipient.	Japan	Suzuki K, et al.	Medicine	Arch Dermatol. 2002 Apr;138(4):537-8.
2002	Causal Relation	---	---	---	Silicone breast implants do not cause rheumatic diseases, but can they influence them?	USA	Wallace DJ.	Medicine	Arthritis Rheum. 2002 Sep;46(9):2545.
2002	---	Diagnosis	---	---	Study to determine the presence of antipolymer antibodies in a group of Dutch women with a silicone breast implant.	Netherlands	De Jong WH, et al.	Medicine	Clin Exp Rheumatol. 2002 Mar-Apr;20(2):151-60.
2002	Causal Relation	---	---	---	Self-reported symptoms among Danish women following cosmetic breast implant surgery.	Denmark	Jensen B, et al.	Medicine	Clin Rheumatol. 2002 Feb;21(1):35-42.
2002	Causal Relation	---	---	---	A prospective study on silicone breast implants and the silicone-related symptom complex.	Netherlands	Contant CM, et al.	Medicine	Clin Rheumatol. 2002 Jun;21(3):215-9.
2002	Risk/Safety	---	---	---	Toxicology of polymers for implant contraceptives for women.	USA	Shastri PV.	Medicine	Contraception. 2002 Jan;65(1):9-13.
2002	Causal Relation	---	Rupture	---	An association of silicone-gel breast implant rupture and fibromyalgia.	USA	Brown SL, et al.	Medicine	Curr Rheumatol Rep. 2002 Aug;4(4):293-8.
2002	Complication	---	---	---	Is granulomatous thyroiditis a complication of breast implants?	Canada	Prebtani AP, Asa SL, Ezzat S.	Medicine	Endocr Pathol. 2002 Fall;13(3):239-44.
2002	Causal Relation	---	---	---	Comparative examination of complaints of patients with breast-cancer with and without silicone implants.	Germany	Berner I, et al.	Medicine	Eur J Obstet Gynecol Reprod Biol. 2002 Apr 10;102(1):61-6.
2002	---	Diagnosis	Rupture	---	Breast augmentation and reconstructive surgery: MR imaging of implant rupture and malignancy.	Switzerland	Herborn CU, et al.	Medicine	Eur Radiol. 2002 Sep;12(9):2198-206.
2002	Causal Relation	---	---	---	[Breast angiosarcoma in a patient with multiple surgical procedures and breast implant. Report of a case].	Cuba	Cuesta-Mejias T, et al.	Medicine	Ginecol Obstet Mex. 2002 Feb;70:76-81.
2002	Causal Relation	---	---	Sociology	Teaching evidence-based complementary and alternative medicine: 2. A conceptual approach to causation-part 1.	Canada	Wilson K, et al.	Medicine	J Altern Complement Med. 2002 Jun;8(3):379-83.
2002	Causal Relation	---	---	Sociology	Teaching evidence-based complementary and alternative medicine: 2. A conceptual approach to causation-part 2.	Canada	Wilson K, et al.	Medicine	J Altern Complement Med. 2002 Jun;8(3):385-9.
2002	---	QoL	---	---	Counterfactual thinking and quality of life among women with silicone breast implants.	USA	Parker PA, Middleton MS, Kulik JA.	Medicine	J Behav Med. 2002 Aug;25(4):317-35.
2002	---	---	---	Sociology	Silicone gel breast implants.	USA	Bowlin SJ.	Medicine	J Rheumatol. 2002 Nov;29(11):2468-9; author reply 2469-70.
2002	---	Technique	Rupture	---	Replacement surgery and silicone gel breast implant rupture: self-report by	USA	Brown SL, Pennello G.	Medicine	J Womens Health Gend Based Med. 2002

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					women after mammoplasty.				Apr;11(3):255-64.
2002	Complication	---	---	---	Breast lymphoma associated with breast implants: two case-reports and a review of the literature.	USA	Gaudet G, et al.	Medicine	Leuk Lymphoma. 2002 Jan;43(1):115-9.
2002	---	---	---	Sociology	Silicon, silicone, and breast implants.	Korea	Lee JH, Zuckerman D.	Medicine	Pediatrics. 2002 Nov;110(5):1030.
2002	---	---	Bleeding/Migration	---	Molecular and clinical consequences of in vivo silicones biodegradation.	Poland	Lukasiak J, et al.	Medicine	Polim Med. 2002;32(3-4):40-7.
2002	---	Diagnosis	---	---	MR evaluation of breast implants.	USA	Germer J.	Medicine	Radiol Technol. 2002 Jul-Aug;73(6):573-7.
2002	---	Diagnosis	---	---	[Digital full field mammography after breast augmentation].	Germany	Dickmann S, et al.	Medicine	Radiologe. 2002 Apr;42(4):275-9.
2002	Complication	---	---	---	[Siliconomas. A case report].	Chile	Gutiérrez L, Montes A.	Medicine	Rev Med Chil. 2002 Jul;130(7):793-7.
2002	Causal Relation	Diagnosis	Rupture	---	Silicone breast implants: correlation between implant ruptures, magnetic resonance spectroscopically estimated silicone presence in the liver, antibody status and clinical symptoms.	Germany	Gaubitz M, et al.	Medicine	Rheumatology (Oxford). 2002 Feb;41(2):129-35; discussion 123-4.
2002	Risk/Safety	---	---	---	Risk factors for developing systemic lupus erythematosus: a case-control study in southern Sweden.	Sweden	Bengtsson AA, et al.	Medicine	Rheumatology (Oxford). 2002 May;41(5):563-71.
2002	Experience	Experience	---	---	[Acceptance of silicone testicular prostheses in long-term follow-up].	Germany	Boy D, Carl P.	Medicine	Urologe A. 2002 Sep;41(5):462-9.
2002	Complication	Technique	---	---	[One stage skin-sparing breast repair after mastectomy].	Russia	Malygin EN, et al.	Medicine	Vestn Ross Akad Med Nauk. 2002;(1):64-6.
2002	---	---	---	Regulation/Sociology	No FDA approval for silicone implants.	USA	Cockey CD.	Nursing	AWHONN Lifelines. 2002 Dec;6(6):496.
2002	---	---	---	Sociology	Maybe now is the time to lift the ban on silicone breast implants.	USA	Sims S, Lundberg GD.	Nursing	Plast Surg Nurs. 2002 Summer;22(2):63-5.
2002	Risk/Safety	---	---	---	Commentary: are breast implants safe?	USA	Zuckerman D.	Nursing	Plast Surg Nurs. 2002 Summer;22(2):66-71.
2002	---	---	Bleeding/Migration	---	Comments on "Determination of low molecular weight silicones in plasma and blood of women after exposure to silicone breast implants by GC/MS".	Australia	Smith AL.	Science	Anal Chem. 2002 Mar 1;74(5):1207; author reply 1208-9.
2002	---	Diagnosis	---	---	(29)Si NMR shifts and relative stabilities calculated for hypercoordinated silicon-polyalcohol complexes: role in sol-gel and biogenic silica synthesis.	USA	Sahai N, Tossell JA.	Science	Inorg Chem. 2002 Feb 25;41(4):748-56.
2002	---	---	Property	---	The effect of cyclic swelling (octamethylcyclotetrasiloxane) on the physical properties of silicone breast implant shells.	USA	Wolf CJ, et al..	Science	J Biomater Sci Polym Ed. 2002;13(1):27-41.
2002	Risk/Safety	---	---	Sociology	Science and statistical victim: modernizing knowledge in breast implant litigation.	USA	Jasanoff S.	Science	Soc Stud Sci. 2002 Feb;32(1):37-69.
2002	Causal Relation	---	---	---	Bioavailability of D4 after inhalation and implantation exposure to silicones.	USA	Meeks RG.	Sociology	Environ Health Perspect. 2002 Aug;110(8):A442-3; author reply A445-8.
2002	Causal	---	---	---	Further comments on the bioavailability	USA	Andersen ME, et	Sociology	Environ Health Perspect.

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	Relation				of D4.		al.	y	2002 Aug;110(8):A444-5; author reply A445-8.
2002	Complication	---	---	Epidemiology	Epidemiology of silicone-gel breast implants.	USA	Brown SL.	Sociology	Epidemiology. 2002 May;13 Suppl 3:S34-9.
2002	---	---	---	Sociology	Grandfathering can seriously damage your wealth: due diligence in mergers and acquisitions of medical device companies.	USA	Brown WM.	Sociology	Spec Law Dig Health Care Law. 2002 Nov;(283):9-42.
2002	---	---	Rupture	---	An unusual broken breast implant.	Italy	Mezzana P, et al.	Surgery	Acta Chir Plast. 2002;44(3):77-9.
2002	---	Technique	---	---	Submuscle saline breast augmentation: are we making sense in the new millenium?	South Africa	Hudson DA.	Surgery	Aesthetic Plast Surg. 2002 Jul-Aug;26(4):287-90.
2002	---	Technique	---	---	Breast reconstruction with perforator-based inframammary de-epithelized flap: a case report.	Japan	Masuoka T, et al.	Surgery	Aesthetic Plast Surg. 2002 May-Jun;26(3):211-4.
2002	Experience	Experience	---	---	Mammareconstruction with skin-expander and silicone prostheses: 15 years' experience.	Switzerland	Bronz G, Bronz L.	Surgery	Aesthetic Plast Surg. 2002 May-Jun;26(3):215-8.
2002	Complication	---	---	---	Late hematoma after aesthetic breast augmentation with saline-filled, textured silicone prosthesis.	Taiwan	Hsiao HT, Tung KY, Lin CS.	Surgery	Aesthetic Plast Surg. 2002 Sep-Oct;26(5):368-71.
2002	Complication	---	Rupture	---	Rupture of a silicone gel mammary prosthesis and amyloidosis: a case report.	Turkey	Emekli U, Tümerdem B, Demiryont M.	Surgery	Aesthetic Plast Surg. 2002 Sep-Oct;26(5):383-7.
2002	---	---	Material	---	[Deflation of breast implants, pre-filled with saline or hydrogel. Results and analysis of 650 treated patients].	France	Soubirac L, et al.	Surgery	Ann Chir Plast Esthet. 2002 Aug;47(4):273-9.
2002	---	Technique	Rupture	---	Shur-clens: an agent to remove silicone gel after breast implant rupture.	USA	Bitar GJ, et al.	Surgery	Ann Plast Surg. 2002 Feb;48(2):148-53.
2002	---	---	Rupture	---	Silicone gel breast implant rupture rates: research issues.	USA	Cook RR, et al.	Surgery	Ann Plast Surg. 2002 Jan;48(1):92-101.
2002	Complication	---	---	---	Epidemiological investigation of local complications after cosmetic breast implant surgery in Denmark.	Denmark	Kjøller K, et al.	Surgery	Ann Plast Surg. 2002 Mar;48(3):229-37.
2002	Experience	Experience	---	---	Health outcomes in offspring of Danish mothers with cosmetic breast implants.	Denmark	Kjøller K, et al.	Surgery	Ann Plast Surg. 2002 Mar;48(3):238-45.
2002	---	Diagnosis	---	---	Expression of cyclooxygenase-2 in the periprosthetic capsule surrounding a silicone shell implant in the rat.	USA	McLean AL, et al.	Surgery	Ann Plast Surg. 2002 Mar;48(3):292-7.
2002	Risk/Safety	---	---	Sociology	Evaluation of plastic surgery information on the Internet.	USA	Jejurikar SS, et al.	Surgery	Ann Plast Surg. 2002 Nov;49(5):460-5.
2002	---	---	Rupture	Regulation/Sociology	Silicone gel breast implant failure: evaluation of properties of shells and gels for explanted prostheses and meta-analysis of literature rupture data.	USA	Marotta JS, et al.	Surgery	Ann Plast Surg. 2002 Sep;49(3):227-42; discussion 242-7.
2002	---	---	Rupture	---	Observations on a consecutive series of patients who have had Trilucent breast implants removed as recommended by the MDA Hazard Notice (May 2000).	UK	McGregor JC, Brown DT.	Surgery	Br J Plast Surg. 2002 Apr;55(3):231-4.
2002	Complication	---	---	---	Candida colonisation within a silicone tissue expander.	Turkey	Saray A, et al.	Surgery	Br J Plast Surg. 2002 Apr;55(3):257-9.
2002	Causal	---	---	---	Local recurrence of breast cancer around	Italy	Franchelli S, et	Surgery	Br J Plast Surg. 2002

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	Relation				a prosthesis dome.		al.		Dec;55(8):685-6.
2002	---	---	Property	---	Mammary implants: laboratory simulation of recreational diving conditions.	Italy	Grippaudo FR, et al.	Surgery	Br J Plast Surg. 2002 Mar;55(2):120-3.
2002	Complication	---	Material	History	The history of Trilucent implants, and a chemical analysis of the triglyceride filler in 51 consecutively removed Trilucent breast prostheses.	UK	Kirkpatrick WN, Jones BM.	Surgery	Br J Plast Surg. 2002 Sep;55(6):479-89.
2002	Risk/Safety	Technique	---	---	Bilateral breast reconstruction and the role of prophylactic mastectomy.	USA	MacLennan SE.	Surgery	Breast Dis. 2002;16:23-9.
2002	---	Technique	---	---	Circumareolar mastopexy with augmentation.	USA	Elliott LF.	Surgery	Clin Plast Surg. 2002 Jul;29(3):337-47, v.
2002	Complication	---	---	---	[Evaluation of the tolerability of Hydrogel breast implants: a pilot study].	Italy	Cicchetti S, et al.	Surgery	Minerva Chir. 2002 Feb;57(1):53-7.
2002	Causal Relation	---	---	---	In vivo efficacy of antimicrobe-impregnated saline-filled silicone implants.	USA	Darouiche RO, et al.	Surgery	Plast Reconstr Surg. 2002 Apr 1;109(4):1352-7.
2002	Causal Relation	---	---	---	Breast implant-related silicone granulomas: the literature and the litigation.	USA	Austad ED.	Surgery	Plast Reconstr Surg. 2002 Apr 15;109(5):1724-30; discussion 1731-2.
2002	---	---	---	Sociology	The silicone gel-filled breast implant controversy: an update.	USA	Muzaffar AR, Rohrich RJ.	Surgery	Plast Reconstr Surg. 2002 Feb;109(2):742-7; quiz 748.
2002	---	Technique	Bleeding/Migration	---	Achieving a predictable 24-hour return to normal activities after breast augmentation: Part II. Patient preparation, refined surgical techniques, and instrumentation.	USA	Tebbetts JB.	Surgery	Plast Reconstr Surg. 2002 Jan;109(1):293-305; discussion 306-7.
2002	Clinical Study	Clinical Study	---	---	In vivo aging characteristics of silicone gel breast implants compared to lot-matched controls.	USA	Brandon HJ, et al.	Surgery	Plast Reconstr Surg. 2002 May;109(6):1927-33.
2002	---	Technique	---	---	Laser Doppler perfusion imager use in incisional hernia repair following omental breast reconstruction.	USA	Obaid SI, Morris DJ.	Surgery	Plast Reconstr Surg. 2002 May;109(6):2006-8.
2002	---	---	---	Sociology	An analysis of telephone interview data collected in 1992 from 820 women who reported problems with their breast implants to the food and drug administration.	USA	Coon SK, et al.	Surgery	Plast Reconstr Surg. 2002 May;109(6):2043-51.
2002	Clinical Study	Clinical Study	---	Regulation/Sociology	Women's psychosocial outcomes of breast augmentation with silicone gel-filled implants: a 2-year prospective study.	USA	Cash TF, Duel LA, Perkins LL.	Surgery	Plast Reconstr Surg. 2002 May;109(6):2112-21; discussion 2122-3.
2002	Experience	Experience	---	---	Long-term results of MISTI gold breast implants: a retrospective study.	Austria	Piza-Katzer H, et al.	Surgery	Plast Reconstr Surg. 2002 Nov;110(6):1455-9; discussion 1460-2.
2002	---	---	Surface Type	---	Textured silicone breast implants.	USA	Mladick R.	Surgery	Plast Reconstr Surg. 2002 Sep 15;110(4):1201-2.
2002	Causal Relation	---	---	---	[The histological study of the capsules formed around the mammary prosthesis].	China	Ma Y, et al.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2002 May;18(3):143-5.
2003	---	Technique	---	---	Protocol for retrieval and analysis of breast implants.	USA	Brandon HJ, et al.	Medical Devices	J Long Term Eff Med Implants. 2003;13(1):49-61.
2003	Complication	Technique	Bleeding/Migration	---	Mastectomy by inverted drip incision and immediate reconstruction: data from 510	Netherlands	Van Geel AN, et al.	Medicine	Ann Surg Oncol. 2003 May;10(4):389-95.

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			tion		cases.				
2003	Complication	---	---	---	Anaplastic large cell lymphoma arising in a silicone breast implant capsule: a case report and review of the literature.	USA	Sahoo S, et al.	Medicine	Arch Pathol Lab Med. 2003 Mar;127(3):e115-8.
2003	Causal Relation	---	---	Regulation/Sociology	Silicone gel breast implants and connective tissue disease--a comprehensive review.	Israel	Bar-Meir E, Eherenfeld M, Shoenfeld Y.	Medicine	Autoimmunity. 2003 Jun;36(4):193-7.
2003	---	---	---	Regulation/Sociology	US advisory panel's chairman calls for reversal of breast implant decision.	USA	Charatan F.	Medicine	BMJ. 2003 Nov 15;327(7424):1128.
2003	---	---	---	Sociology	Silicone breast implants still available in UK.	UK	Dyer C.	Medicine	BMJ. 2003 Oct 25;327(7421):947.
2003	Risk/Safety	---	---	---	Safety concerns about breast implants persist.	USA	Moynihan R.	Medicine	BMJ. 2003 Oct 25;327(7421):947.
2003	Complication	---	Bleeding/Migration	---	Lymphoplasmacytic lymphoma in a patient with leaking silicone implant.	UK	Kraemer DM, et al.	Medicine	Haematologica. 2003 Sep;88(9):ELT30.
2003	Causal Relation	---	---	Regulation/Sociology	[Silicone breast implants with silicone gel and autoimmune disease--are they related?].	Israel	Winkler E, et al.	Medicine	Harefuah. 2003 Jul;142(7):536-40, 565.
2003	Complication	---	---	---	Unusual problems in breast cancer and a rare lung cancer case. Case 2. Aggressive fibromatosis of the chest wall arising near a breast prosthesis.	France	Khanfir K, et al.	Medicine	J Clin Oncol. 2003 Jun 1;21(11):2216-8.
2003	Complication	---	---	---	Periprosthetic tuberculous breast infection.	UK	Miles G, et al.	Medicine	J R Soc Med. 2003 Nov;96(11):556-7.
2003	---	---	---	Sociology	Where there's smoke there's fire: the silicone breast implant controversy continues to flicker: a new disease that needs to be defined.	USA	Vasey FB, et al.	Medicine	J Rheumatol. 2003 Oct;30(10):2092-4.
2003	---	---	Rupture	---	Rupture of silicone gel breast implants and symptoms of pain and fatigue.	Netherlands	Vermeulen RC, Scholte HR.	Medicine	J Rheumatol. 2003 Oct;30(10):2263-7.
2003	---	---	---	Regulation/Sociology	Silicone breast implants may be close to US approval.	USA	Ault A.	Medicine	Lancet. 2003 Oct 25;362(9393):1384.
2003	Complication	---	---	---	A metabolic basis for fibromyalgia and its related disorders: the possible role of resistance to thyroid hormone.	USA	Garrison RL, Breeding PC.	Medicine	Med Hypotheses. 2003 Aug;61(2):182-9.
2003	Complication	Technique	---	---	[Radiotherapy and breast reconstruction: the issue of compatibility].	Romania	Fodor J, et al.	Medicine	Orv Hetil. 2003 Mar 23;144(12):549-55.
2003	Complication	---	---	---	Cutaneous and pulmonary sarcoidosis in a Hong Kong Chinese woman with silicone breast prostheses.	China	Chang KC, et al.	Medicine	Respirology. 2003 Sep;8(3):379-82.
2003	Experience	Experience	---	---	Silicate antibodies in Danish women with silicone breast implants.	Denmark	Jensen B, et al.	Medicine	Rheumatology (Oxford). 2003 Sep;42(9):1032-5.
2003	---	---	---	Sociology	Breast implants: continue to be cautious.	USA	Shmerling RH.	Others	Newsweek. 2003 Dec 8;142(23):68.
2003	---	---	Bleeding/Migration	---	Determination of siloxanes, silicon, and platinum in tissues of women with silicone gel-filled implants.	Germany	Flassbeck D, et al.	Science	Anal Bioanal Chem. 2003 Feb;375(3):356-62.
2003	---	Diagnosis	Bleeding/Migration	---	Liquid- and solid-state high-resolution NMR methods for the investigation of aging processes of silicone breast	Germany	Birkefeld AB, et al.	Science	Biomaterials. 2003 Jan;24(1):35-46.

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					implants.				
2003	Causal Relation	---	---	---	Histological analysis of silicone breast implant capsules and correlation with capsular contracture.	Germany	Siggelkow W, et al.	Science	Biomaterials. 2003 Mar;24(6):1101-9.
2003	Complication	---	---	---	Influence of local complications on capsule formation around model implants in a rat model.	Germany	Eltze E, et al.	Science	J Biomed Mater Res A. 2003 Jan 1;64(1):12-9.
2003	---	---	---	Sociology	Access to breast prostheses via a government-funded service in Victoria, Australia. Experience of women and service providers.	Australia	Livingston PM, et al.	Sociology	Eval Rev. 2003 Oct;27(5):563-8.
2003	---	---	Material	---	Cohesive gel implants for breast augmentation.	Canada	Drever JM.	Surgery	Aesthet Surg J. 2003 Sep-Oct;23(5):405-9.
2003	Complication	---	---	---	Augmentation mammaplasty for mammarial hypotrophy and ptosis in a patient with ichthyosis.	Turkey	Coban YK, Sasmaz S, Celik M.	Surgery	Aesthetic Plast Surg. 2003 Jul-Aug;27(4):293-5.
2003	---	Technique	---	---	Aesthetic refinements in breast augmentation with deep inferior epigastric perforator flap: a case report.	Brazil	Munhoz AM, et al.	Surgery	Aesthetic Plast Surg. 2003 Mar-Apr;27(2):107-11.
2003	---	Technique	---	---	Mild degree of Poland's Syndrome reconstruction with customized silicone prosthesis.	Turkey	Avci G, et al.	Surgery	Aesthetic Plast Surg. 2003 Mar-Apr;27(2):112-5.
2003	---	---	Design	---	Anatomic asymmetric prostheses: shaping the breast.	Spain	Mira JA.	Surgery	Aesthetic Plast Surg. 2003 Mar-Apr;27(2):94-9.
2003	Experience	Experience	---	---	Optimizing outcomes in breast augmentation: seven years of experience with the subfascial plane.	Brazil	Góes JC, Landecker A.	Surgery	Aesthetic Plast Surg. 2003 May-Jun;27(3):178-84.
2003	---	Technique	---	---	"Tear-drop augmentation mastopexy": a technique to augment superior pole hollow.	USA	Ceydeli A, Freund RM.	Surgery	Aesthetic Plast Surg. 2003 Nov-Dec;27(6):425-32; discussion 433.
2003	---	Technique	---	---	Bends of the breast.	Australia	Kamien M.	Surgery	Ann Plast Surg. 2003 Apr;50(4):440.
2003	Complication	---	---	---	Incidence and severity of short-term complications after breast augmentation: results from a nationwide breast implant registry.	Denmark	Henriksen TF, et al.	Surgery	Ann Plast Surg. 2003 Dec;51(6):531-9.
2003	Complication	Technique	---	---	Tissue expansion after inverted-T mammaplasty: can it be performed successfully?	USA	Kilgo MS, Cordeiro PG, Disa JJ.	Surgery	Ann Plast Surg. 2003 Jun;50(6):588-93.
2003	Complication	---	---	---	Fate of exposed breast implants in augmentation mammaplasty.	Romania	Fodor L, et al.	Surgery	Ann Plast Surg. 2003 May;50(5):447-9.
2003	Causal Relation	---	---	---	Frequency and distribution of talc contamination in patients with silicone gel-filled breast implants.	USA	Chandler PJ Jr, Kasper CS.	Surgery	Ann Plast Surg. 2003 Oct;51(4):358-60.
2003	---	---	Rupture	---	Silicone gel breast implant rupture presenting as a fluctuant back mass after latissimus dorsi breast reconstruction.	USA	Baack BR, Wagner JD.	Surgery	Ann Plast Surg. 2003 Oct;51(4):415-8.
2003	---	---	Rupture	---	Re: Invited discussion of silicone gel breast implant failure: evaluation of properties of shells and gels for explanted prostheses and meta-analysis of literature rupture data.	USA	Goldberg EP, Habal MB, Marotta JS.	Surgery	Ann Plast Surg. 2003 Sep;51(3):334-5; author reply 335-6.
2003	---	---	Rupture	---	Incidence of silicone breast implant rupture.	Denmark	Hölmich LR, et al.	Surgery	Arch Surg. 2003 Jul;138(7):801-6.

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2003	---	---	Bleeding/Migration	---	Leakage and silicone lymphadenopathy with cohesive breast implant.	UK	Shaaban H, Jmor S, Alvi R.	Surgery	Br J Plast Surg. 2003 Jul;56(5):518-9.
2003	---	Diagnosis	Rupture	---	Appropriateness of MRI scanning in the detection of ruptured implants used for breast reconstruction.	UK	Topping A, George C, Wilson G.	Surgery	Br J Plast Surg. 2003 Mar;56(2):186-9.
2003	Complication	Technique	---	---	Prophylactic mastectomy: the Rotterdam experience.	Netherlands	van Geel AN.	Surgery	Breast. 2003 Dec;12(6):357-61.
2003	---	Diagnosis	---	---	Clear visualization of capsular calcifications around breast implants.	Italy	Valdatta L, et al.	Surgery	Plast Reconstr Surg. 2003 Apr 1;111(4):1567-8.
2003	Complication	---	---	---	Detection of subclinical infection in significant breast implant capsules.	Australia	Pajkos A, et al.	Surgery	Plast Reconstr Surg. 2003 Apr 15;111(5):1605-11.
2003	Complication	Treatment	---	---	The correction of capsular contracture by conversion to "dual-plane" positioning: technique and outcomes.	USA	Spear SL, Carter ME, Ganz JC.	Surgery	Plast Reconstr Surg. 2003 Aug;112(2):456-66.
2003	---	Technique	---	---	Removal of perforated silicone implants: how to avoid a sticky operational field.	Denmark	Printzlau A.	Surgery	Plast Reconstr Surg. 2003 Aug;112(2):715.
2003	Causal Relation	---	Rupture	---	Self-reported diseases and symptoms by rupture status among unselected Danish women with cosmetic silicone breast implants.	Denmark	Hölmich LR, et al.	Surgery	Plast Reconstr Surg. 2003 Feb;111(2):723-32; discussion 733-4.
2003	Experience	Experience	---	---	Subfascial breast implant: a new procedure.	Brazil	Graf RM, et al.	Surgery	Plast Reconstr Surg. 2003 Feb;111(2):904-8.
2003	Causal Relation	---	---	---	Anti-soya antibodies and trilucient breast implants.	UK	Chatrath P, et al.	Surgery	Plast Reconstr Surg. 2003 Jan;111(1):98-101; discussion 102.
2003	Complication	---	---	Registry	The Danish Registry for Plastic Surgery of the Breast: establishment of a nationwide registry for prospective follow-up, quality assessment, and investigation of breast surgery.	Denmark	Henriksen TF, et al.	Surgery	Plast Reconstr Surg. 2003 Jun;111(7):2182-9; discussion 2190-1.
2003	---	---	Property	---	Biodurability of retrieved silicone gel breast implants.	USA	Brandon HJ, et al.	Surgery	Plast Reconstr Surg. 2003 Jun;111(7):2295-306.
2003	---	---	Rupture	---	Immediate rupture of breast implant following trauma.	UK	Mason WT, Hobby JA.	Surgery	Plast Reconstr Surg. 2003 Jun;111(7):2432-3.
2003	Complication	Treatment	---	---	Salvage of infected expander prostheses in breast reconstruction.	UK	Yii NW, Khoo CT.	Surgery	Plast Reconstr Surg. 2003 Mar;111(3):1087-92.
2003	Causal Relation	---	---	---	Silicone implants, granulomas, and chronic infection: a causal relationship?	USA	Austad ED, Rohrich RJ.	Surgery	Plast Reconstr Surg. 2003 Mar;111(3):1363.
2003	Long-Term Effects	Technique	---	---	Long-term effects of polyacrylamide hydrogel on human breast tissue.	Denmark	Christensen LH, et al.	Surgery	Plast Reconstr Surg. 2003 May;111(6):1883-90.
2003	Complication	---	---	---	Aesthetic reconstruction of the tuberous breast deformity.	Greece	Mandrekas AD, et al.	Surgery	Plast Reconstr Surg. 2003 Sep 15;112(4):1099-108; discussion 1109.
2003	---	Technique	Bleeding/Migration	---	Suturing of a textured breast implant filled with cohesive silicone gel to prevent dislocation.	Netherlands	Chantal M, Melis P, Marco R.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 2003;37(4):236-8.
2004	---	Diagnosis	---	---	Antipolymer antibodies in Danish women with silicone breast implants.	Denmark	Jensen B, et al.	Medical Devices	J Long Term Eff Med Implants. 2004;14(2):73-80.
2004	Risk/Safety	---	---	---	Outstanding Scientist of 2004. Joseph K. McLaughlin, PhD: A world leader in implant research.	USA	Blot WJ, Fraumeni JF Jr.	Medical Devices	J Long Term Eff Med Implants. 2004;14(5):341-6.

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2004	---	Diagnosis	---	---	Silicone-specific imaging using an inversion-recovery-prepared fast three-point Dixon technique.	USA	Ma J, et al.	Medical Devices	J Magn Reson Imaging. 2004 Mar;19(3):298-302.
2004	---	---	---	Sociology	Births and perinatal health of infants among women who have had silicone breast implantation in Finland, 1967-2000.	Finland	Hemminki E, et al.	Medicine	Acta Obstet Gynecol Scand. 2004 Dec;83(12):1135-40.
2004	Causal Relation	---	---	---	Systemic inflammatory diseases and silicone breast prostheses: report of a case of adult still disease and review of the literature.	Italy	Montalto M, et al.	Medicine	Am J Med Sci. 2004 Feb;327(2):102-4.
2004	Complication	---	---	---	[An unusual axillary lymph node].	France	Granier G, et al.	Medicine	Ann Pathol. 2004 Oct;24(5):451-2.
2004	Causal Relation	---	---	---	Immunogenetic differences between Caucasian women with and those without silicone implants in whom myositis develops.	USA	O'Hanlon T, et al.; Environmental Myositis Study Group.	Medicine	Arthritis Rheum. 2004 Nov;50(11):3646-50.
2004	---	Technique	---	---	Breast reconstruction with expanders and implants: a numerical analysis.	Brazil	Pamplona DC, de Abreu Alvim C.	Medicine	Artif Organs. 2004 Apr;28(4):353-6.
2004	---	---	Bleeding/Migration	---	A leaking breast prosthesis presenting as an abdominal mass.	UK	Puckett MA, et al.	Medicine	Br J Radiol. 2004 Sep;77(921):790-1.
2004	Causal Relation	---	---	---	Silicone gel filled breast implants and dermatomyositis.	Spain	Selva-O'Callaghan A, et al.	Medicine	Clin Exp Rheumatol. 2004 May-Jun;22(3):376.
2004	---	Technique	---	---	Prevention of radiation enteritis by intrapelvic breast prosthesis.	France	Tuech JJ, et al.	Medicine	Eur J Surg Oncol. 2004 Oct;30(8):900-4.
2004	Complication	---	Bleeding/Migration	---	Lymphoplasmacytic lymphoma in a patient with leaking silicone implant.	UK	Kraemer DM, et al.	Medicine	Haematologica. 2004 Apr;89(4):ELT01.
2004	Causal Relation	---	---	Regulation/Sociology	[Silicone gel-filled breast implants and breast cancer--an update and safety].	Israel	Winkler E, et al.	Medicine	Harefuah. 2004 Mar;143(3):222-6, 244.
2004	Complication	---	Surface Type	---	In vitro analysis of modified surfaces of silicone breast implants.	Germany	Siggelkow W, et al.	Medicine	Int J Artif Organs. 2004 Dec;27(12):1100-8.
2004	Causal Relation	---	---	---	Augmentation mammoplasty and "silicone-osis".	Australia	Englert H, et al.	Medicine	Intern Med J. 2004 Dec;34(12):668-76.
2004	Complication	Diagnosis	---	---	Cellular and molecular composition of fibrous capsules formed around silicone breast implants with special focus on local immune reactions.	Austria	Wolfram D, et al.	Medicine	J Autoimmun. 2004 Aug;23(1):81-91.
2004	Complication	---	---	Sociology	Medically unexplained symptoms and neuropsychological assessment.	USA	Binder LM, Campbell KA.	Medicine	J Clin Exp Neuropsychol. 2004 May;26(3):369-92.
2004	Causal Relation	---	---	---	Silicone breast implants.	USA	Fryzek JP, McLaughlin JK.	Medicine	J Rheumatol. 2004 Jul;31(7):1466; author reply 1466.
2004	Causal Relation	---	---	---	Breast implant related disease.	USA	Rothschild B, Helbling M 2nd.	Medicine	J Rheumatol. 2004 May;31(5):1015; author reply 1015-6.
2004	Complication	Diagnosis	Rupture	Regulation/Sociology	Breast implant adverse events during mammography: reports to the Food and Drug Administration.	USA	Brown SL, Todd JF, Luu HM.	Medicine	J Womens Health (Larchmt). 2004 May;13(4):371-8; discussion 379-80.
2004	Risk/Safe	Technique	---	---	[Possibilities for breast reconstruction	Germany	Bach AD, et al.	Medicine	MMW Fortschr Med. 2004

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	ty	ue			following cancer surgery].				Oct 14;146(42):40-2, 44.
2004	Risk/Safety	---	---	Epidemiology	Increased risk of suicide among patients with breast implants: do the epidemiologic data support psychiatric consultation?	USA	McLaughlin JK, Wise TN, Lipworth L.	Medicine	Psychosomatics. 2004 Jul-Aug;45(4):277-80.
2004	Causal Relation	---	Rupture	---	[Silicone granuloma in intrathoracic lymph nodes after rupture of a silicone double-chamber prosthesis].	Germany	Gebauer B, Höhn S, Liebeskind U.	Medicine	Rofo. 2004 Sep;176(9):1331-2.
2004	---	Diagnosis	Rupture	---	Evaluation of the rupture of silicone breast implants by mammography, ultrasonography and magnetic resonance imaging in asymptomatic patients: correlation with surgical findings.	Brazil	Scaranelo AM, et al.	Medicine	Sao Paulo Med J. 2004 Mar 4;122(2):41-7.
2004	Complication	---	---	---	Inflammatory breast cancer.	?	Ickes E.	Nursing	RN. 2004 Jul;67(7):12.
2004	---	---	Material	---	Platinum concentration in silicone breast implant material and capsular tissue by ICP-MS.	USA	Maharaj SV.	Science	Anal Bioanal Chem. 2004 Sep;380(1):84-9.
2004	---	---	Material	---	Biomedical application of commercial polymers and novel polyisobutylene-based thermoplastic elastomers for soft tissue replacement.	Canada	Puskas JE, Chen Y.	Science	Biomacromolecules. 2004 Jul-Aug;5(4):1141-54.
2004	---	Diagnosis	Bleeding/Migration	---	A study of the aging of silicone breast implants using 29Si, 1H relaxation and DSC measurements.	Germany	Birkefeld AB, Eckert H, Pfleiderer B.	Science	Biomaterials. 2004 Aug;25(18):4405-13.
2004	Causal Relation	---	---	---	Long-term exposure to silicone breast implants does not induce antipolymer antibodies.	Netherlands	De Jong WH, et al.	Science	Biomaterials. 2004 Mar;25(6):1095-103.
2004	Causal Relation	---	---	---	Ki67, HSP70 and TUNEL for the specification of testing of silicone breast implants in vivo.	Denmark	Siggelkow W, et al.	Science	J Mater Sci Mater Med. 2004 Dec;15(12):1355-60.
2004	---	---	---	Guideline	Revised draft guidance document for breast implants.	USA	[No authors listed]	Sociology	FDA Consum. 2004 Mar-Apr;38(2):4.
2004	---	---	---	Sociology	Making an informed decision about breast implants.	USA	Rados C.	Sociology	FDA Consum. 2004 Sep-Oct;38(5):32-7.
2004	---	---	---	History	Breast implants. A review.	Belgium	Van Zele D, Heymans O.	Surgery	Acta Chir Belg. 2004 Apr;104(2):158-65.
2004	Complication	Technique	---	---	A simple method for breast implant placement using a drainage tube.	Turkey	Savaci N, Tosun Z, Hoşnuter M.	Surgery	Aesthetic Plast Surg. 2004 Jul-Aug;28(4):231-2.
2004	Complication	---	---	---	Mammary compliance: an objective measurement of capsular contracture.	Italy	Alfano C, et al.	Surgery	Aesthetic Plast Surg. 2004 Mar-Apr;28(2):75-9.
2004	Complication	Technique	---	---	Augmentation mammoplasty: where should the implant be placed?	Japan	Takayanagi S, et al.	Surgery	Aesthetic Plast Surg. 2004 Mar-Apr;28(2):83-8.
2004	Complication	Technique	---	---	Augmentation mammoplasty using the retrofascia approach.	Colombia	Barbato C, et al.	Surgery	Aesthetic Plast Surg. 2004 May-Jun;28(3):148-52.
2004	---	Technique	---	---	A technique to decrease breast shape deformity during muscle contraction in submuscular augmentation mammoplasty.	Italy	Pelle-Ceravolo M, et al.	Surgery	Aesthetic Plast Surg. 2004 Sep-Oct;28(5):288-94.
2004	Complication	---	Design	---	Early experience with an anatomical soft cohesive silicone gel prosthesis in cosmetic and reconstructive breast implant surgery.	UK	Fruhstorfer BH, Hodgson EL, Malata CM.	Surgery	Ann Plast Surg. 2004 Dec;53(6):536-42.
2004	Causal	---	---	---	Self-reported musculoskeletal symptoms	Denmark	Kjøller K, et al.	Surgery	Ann Plast Surg. 2004

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	Relation				among Danish women with cosmetic breast implants.				Jan;52(1):1-7.
2004	Causal Relation	---	---	---	Silicone breast implants and connective tissue disease: an updated review of the epidemiologic evidence.	USA	Lipworth L, Tarone RE, McLaughlin JK.	Surgery	Ann Plast Surg. 2004 Jun;52(6):598-601.
2004	Causal Relation	Diagnosis	---	---	Breast implants and fibromyalgia: a review of the epidemiologic evidence.	USA	Lipworth L, et al.	Surgery	Ann Plast Surg. 2004 Mar;52(3):284-7.
2004	Causal Relation	---	---	---	Talc and capsular contracture.	USA	Chandler PJ Jr.	Surgery	Ann Plast Surg. 2004 Mar;52(3):288-92.
2004	Complication	---	---	---	Local complications after cosmetic breast implant surgery in Finland.	Finland	Kulmala I, et al.	Surgery	Ann Plast Surg. 2004 Nov;53(5):413-9.
2004	Experience	Experience	---	---	Clinical and histologic evaluation of a new injectable implant: hydrophilic polyacrylamide gel.	China	Zhao Y, et al.	Surgery	Ann Plast Surg. 2004 Sep;53(3):267-72.
2004	---	---	Material	---	How soft are Soft Touch breast implants?	Netherlands	van Loon J, et al.	Surgery	Br J Plast Surg. 2004 Mar;57(2):176-7.
2004	Causal Relation	---	---	---	Free silicone injection causing polyarthropathy and septic shock.	USA	Komenaka IK, et al.	Surgery	Breast J. 2004 Mar-Apr;10(2):160-1.
2004	Causal Relation	---	---	---	Analysis of local complications following explantation of silicone breast implants.	Germany	Siggelkow W, et al.	Surgery	Breast. 2004 Apr;13(2):122-8.
2004	Causal Relation	---	---	---	Breast cancer and the role of breast size as a contributory factor.	Netherlands	Koch AD, Nicolai JP, de Vries J.	Surgery	Breast. 2004 Aug;13(4):272-5.
2004	---	Technique	---	---	Wise pattern mastectomy with immediate breast reconstruction.	UK	Prathap P, Harland RN.	Surgery	Breast. 2004 Dec;13(6):502-5.
2004	Causal Relation	---	---	---	[Breast implant and desmoid tumor: is there an etiological relation?].	Switzerland	Jandali AR, et al.	Surgery	Handchir Mikrochir Plast Chir. 2004 Dec;36(6):343-7.
2004	---	Technique	---	---	[Minimal scarring in immediate breast reconstruction with silicone implants].	Germany	Gabka CJ.	Surgery	Handchir Mikrochir Plast Chir. 2004 Dec;36(6):348-54.
2004	---	Treatment	---	---	The effect of seprafilm and interceed on capsule formation around silicone discs in a rat model.	USA	Friedman H, et al.	Surgery	J Invest Surg. 2004 Sep-Oct;17(5):271-81.
2004	---	---	---	Sociology	Does fascia provide additional, meaningful coverage over a breast implant?	USA	Tebbetts JB.	Surgery	Plast Reconstr Surg. 2004 Feb;113(2):777-9; author reply 779-80.
2004	---	---	Rupture	---	Untreated silicone breast implant rupture.	Denmark	Hölmich LR, et al.	Surgery	Plast Reconstr Surg. 2004 Jul;114(1):204-14; discussion 215-6.
2004	Experience	Experience	---	---	Long-term health status of Danish women with silicone breast implants.	Denmark	Breiting VB, et al.	Surgery	Plast Reconstr Surg. 2004 Jul;114(1):217-26; discussion 227-8.
2004	Complication	---	---	---	What exactly was wrong with the Trilucent breast implants? A unifying hypothesis.	Belgium	Monstrey S, et al.	Surgery	Plast Reconstr Surg. 2004 Mar;113(3):847-56.
2004	Causal Relation	---	---	---	PHEMA as a fibrous capsule-resistant breast prosthesis.	USA	Vacanti FX.	Surgery	Plast Reconstr Surg. 2004 Mar;113(3):949-52.
2004	Complication	---	---	---	Ossifying calcification of breast implant capsule.	Romania	Fodor J, et al.	Surgery	Plast Reconstr Surg. 2004 May;113(6):1880-2.
2004	---	Technique	---	---	Nipple-sparing total mastectomy of large breasts: the role of tissue expansion.	USA	Verheyden CN.	Surgery	Plast Reconstr Surg. 2004 Nov;114(6):1551-2.

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2004	Experience	Experience	---	---	The beginning of a new era in tissue expansion: self-filling osmotic tissue expander--four-year clinical experience.	Germany	Ronert MA, et al.	Surgery	Plast Reconstr Surg. 2004 Oct;114(5):1025-31.
2004	Complication	---	---	---	Fungal growth inside saline-filled implants and the role of injection ports in fungal translocation: in vitro study.	Turkey	Saray A, et al.	Surgery	Plast Reconstr Surg. 2004 Oct;114(5):1170-8.
2004	Complication	---	---	Sociology	Decision and management algorithms to address patient and food and drug administration concerns regarding breast augmentation and implants.	USA	Adams WP, et al.	Surgery	Plast Reconstr Surg. 2004 Oct;114(5):1252-7.
2004	Risk/Safety	---	Bleeding/Migration	Sociology	"Out points" criteria for breast implant removal without replacement and criteria to minimize reoperations following breast augmentation.	USA	Tebbetts JB.	Surgery	Plast Reconstr Surg. 2004 Oct;114(5):1258-62.
2004	---	Technique	---	---	Breast augmentation.	USA	Spear SL, Bulan EJ, Venturi ML.	Surgery	Plast Reconstr Surg. 2004 Oct;114(5):73E-81E.
2004	---	Treatment	---	Regulation/Sociology	Effect of povidone iodine on silicone gel breast implants in vitro: implications for clinical practice.	Greece	Zambacos GJ, Nguyen D, Morris RJ.	Surgery	Plast Reconstr Surg. 2004 Sep 1;114(3):706-10; discussion 711-2.
2004	---	---	---	Sociology	Long-term follow-up of women with cosmetic breast implants: how long is long enough?	USA	McLaughlin JK.	Surgery	Plast Reconstr Surg. 2004 Sep 1;114(3):801-3.
2004	Experience	Experience	---	---	[Breast reconstructions using thoracodorsal flaps according to Holmstrom--a fourteen-year experience].	Czech	Mesták J, Urban K, Ondrejka P, Kment L.	Surgery	Rozhl Chir. 2004 Dec;83(12):620-3.
2004	Complication	---	---	---	Breast reshaping after massive weight loss.	USA	Hurwitz DJ, Golla D.	Surgery	Semin Plast Surg. 2004 Aug;18(3):179-87.
2004	---	Technique	---	---	[Breast reconstruction with multiple miniprotheses].	China	Yang WQ, et al.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2004 Jul;20(4):280-1.
2005	Complication	Diagnosis	---	---	A feasibility study of magnetic resonance imaging of silicone breast implants in Finland.	Finland	Kulmala I, et al.	Medical Devices	J Long Term Eff Med Implants. 2005;15(1):9-14.
2005	Experience	Experience	---	---	Advances in breast reconstruction after mastectomy.	USA	Edlich RF, et al.	Medical Devices	J Long Term Eff Med Implants. 2005;15(2):197-207.
2005	Complication	Diagnosis	Bleeding/Migration	---	Pathology of lymph nodes from patients with breast implants: a histologic and spectroscopic evaluation.	USA	Katzin WE, et al.	Medicine	Am J Surg Pathol. 2005 Apr;29(4):506-11.
2005	Causal Relation	---	---	---	[Tissue reaction to breast prostheses. Periprosthetic capsular contracture].	Spain	Escudero FJ, et al.	Medicine	An Sist Sanit Navar. 2005;28 Suppl 2:41-53.
2005	Complication	---	Design	History	[Historical evolution of breast reconstruction].	Spain	Escudero FJ.	Medicine	An Sist Sanit Navar. 2005;28 Suppl 2:7-18.
2005	---	---	---	Sociology	Critical threat to the availability of surgical implant material: lesson to be learned from breast implants.	USA	Nosé Y.	Medicine	Artif Organs. 2005 Aug;29(8):595-7.
2005	Causal Relation	---	---	---	Infection, vaccines and other environmental triggers of autoimmunity.	Israel	Molina V, Shoenfeld Y.	Medicine	Autoimmunity. 2005 May;38(3):235-45.
2005	Complication	---	---	---	Vulvar silicoma migrating from injected silicone breast augmentation.	Taiwan	Jeng CJ, et al.	Medicine	BJOG. 2005 Dec;112(12):1659-60.
2005	---	---	---	Regulation/Sociology	FDA panel approves one make of silicone breast implant in the US.	USA	Moynihan R.	Medicine	BMJ. 2005 Apr 23;330(7497):919.

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2005	---	Technique	---	---	Breast reconstruction.	UK	Ahmed S, et al.	Medicine	BMJ. 2005 Apr 23;330(7497):943-8.
2005	---	Technique	---	---	The MammoSite breast brachytherapy applicator: a review of technique and outcomes.	USA	Ier A, et al.	Medicine	Brachytherapy. 2005;4(2):130-6.
2005	Causal Relation	---	---	---	Morphological changes induced by testosterone in the mammary glands of female Wistar rats.	Brazil	Chambô-Filho A, Camargos AF, Pereira FE.	Medicine	Braz J Med Biol Res. 2005 Apr;38(4):553-8.
2005	Risk/Safety	---	---	---	Breast implants following mastectomy in women with early-stage breast cancer: prevalence and impact on survival.	USA	Le GM, et al.	Medicine	Breast Cancer Res. 2005;7(2):R184-93.
2005	Risk/Safety	Diagnosis	---	---	Magnetic resonance imaging of the breast: current indications.	Canada	Lalonde L, David J, Trop I.	Medicine	Can Assoc Radiol J. 2005 Dec;56(5):301-8.
2005	---	Treatment	---	---	Microscopic polyangiitis after silicone breast implantation.	Japan	Iyoda M, et al.	Medicine	Clin Exp Nephrol. 2005 Sep;9(3):252-4.
2005	Causal Relation	---	Rupture	---	A new case of dermatomyositis following the rupture of a silicone gel breast implant.	Italy	Caramaschi P, et al.	Medicine	Clin Exp Rheumatol. 2005 May-Jun;23(3):430-1; author reply 431.
2005	---	Diagnosis	---	---	Cardiac imaging impaired by a silicone breast implant.	USA	Meine TJ, et al.	Medicine	Clin Nucl Med. 2005 Apr;30(4):262-4.
2005	---	---	---	Regulation/Sociology	One-third of panel on breast implants declares conflict.	Canada	Eggertson L.	Medicine	CMAJ. 2005 Aug 2;173(3):241.
2005	---	Technique	---	---	Minimally invasive esthetics: my life's journey.	USA	Klein AW.	Medicine	Dermatol Surg. 2005 Nov;31(11 Pt 2):1486.
2005	Experience	Experience	---	---	[Silicon filled breast implants and health].	Finland	Kulmala I, Lassila K.	Medicine	Duodecim. 2005;121(14):1541-6.
2005	---	Diagnosis	Rupture	---	The diagnosis of breast implant rupture: MRI findings compared with findings at explantation.	Denmark	Hölmich LR, et al.	Medicine	Eur J Radiol. 2005 Feb;53(2):213-25.
2005	---	Technique	---	---	Cosmetic reconstruction after resection of breast cancer: use of the ELD-MC flap and EVRAM flap.	Japan	Sakai S, et al.	Medicine	Int J Clin Oncol. 2005 Oct;10(5):298-303.
2005	Complication	---	---	---	Saline-filled breast implant contamination with Curvularia species among women who underwent cosmetic breast augmentation.	USA	Kainer MA, et al.	Medicine	J Infect Dis. 2005 Jul 1;192(1):170-7.
2005	Causal Relation	---	---	---	Silicone breast implants.	USA	Fryzek JP, McLaughlin JK.	Medicine	J Rheumatol. 2005 Jan;32(1):201.
2005	Causal Relation	---	---	---	Silicone breast implants.	USA	Ehrlich GE.	Medicine	J Rheumatol. 2005 Jun;32(6):1173-4; author reply 1174.
2005	---	Diagnosis	---	---	[Could the way of approaching the implantation of silicone breast prostheses alter the investigation of the sentinel lymph node in eventual cancer of the breast?].	Brazil	Munhoz AM, Aldrighi CM, Aldrighi JM.	Medicine	Rev Assoc Med Bras. 2005 Sep-Oct;51(5):244-5.
2005	Experience	Experience	---	---	[40 years of silicone breast implants].	Norway	Tindholdt TT, et al.	Medicine	Tidsskr Nor Laegeforen. 2005 Mar 17;125(6):739-41.
2005	---	---	---	Sociology	The return of silicone gel-filled breast implants: will you be ready?	USA	Gladfelter J.	Nursing	Plast Surg Nurs. 2005 Jan-Mar;25(1):44-6.
2005	Complica	---	Propert	---	Mechanical properties of breast	Italy	Quaglini V.	Science	J Appl Biomater Biomech.

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	tion		y		periprosthetic capsules and the correlation to capsule contracture.		Mantero S, Villa T.		2005 Sep-Dec;3(3):184-91.
2005	Causal Relation	---	---	---	In vitro interaction between silicone gel and human monocyte-macrophages.	Canada	Tavazzani F, et al.	Science	J Biomed Mater Res A. 2005 Feb 1;72(2):161-7.
2005	Causal Relation	---	---	---	Degenerative mineralization in the fibrous capsule of silicone breast implants.	France	Legrand AP, et al.	Science	J Mater Sci Mater Med. 2005 May;16(5):477-85.
2005	Risk/Safety	---	---	Sociology	No scientific consensus on silicone breast implants Health risk or a woman's choice?	USA	Querna E.	Sociology	US News World Rep. 2005 Apr 25;138(15):57-8.
2005	---	Technique	---	---	Alternative technique for breast augmentation in patients with a small nipple-areolar complex diameter.	Colombia	Carvajal J, Echeverry A.	Surgery	Aesthet Surg J. 2005 Mar-Apr;25(2):117-25.
2005	Complication	---	---	---	Late infection following breast augmentation with textured silicone gel-filled implants.	Brazil	Basile AR, Basile F, Basile AV.	Surgery	Aesthet Surg J. 2005 May-Jun;25(3):249-54.
2005	Complication	Diagnosis	---	---	Late recurrent capsular hematoma after augmentation mammoplasty: case report.	Italy	Mauro S, et al.	Surgery	Aesthetic Plast Surg. 2005 Jan-Feb;29(1):10-2.
2005	Complication	---	---	---	An uncommon complication of secondary augmentation mammoplasty: bilaterally massive engorgement of breasts after pregnancy attributable to postinfection and blockage of mammary ducts.	Turkey	Acartürk S, Gencel E, Tuncer I.	Surgery	Aesthetic Plast Surg. 2005 Jul-Aug;29(4):274-9; discussion 280.
2005	Complication	Diagnosis	---	---	The feasibility of sentinel lymph node detection in patients with previous transaxillary implant breast augmentation: preliminary results.	Brazil	Munhoz AM, et al.	Surgery	Aesthetic Plast Surg. 2005 May-Jun;29(3):163-8.
2005	Complication	---	---	---	Effect of amniotic fluid on peri-implant capsular formation.	Turkey	M D NK, et al.	Surgery	Aesthetic Plast Surg. 2005 May-Jun;29(3):174-80.
2005	Complication	---	Surface Type	---	Serologic and histologic findings in patients with capsular contracture after breast augmentation with smooth silicone gel implants: is serum hyaluronan a potential predictor?	Germany	Prantl L, et al.	Surgery	Aesthetic Plast Surg. 2005 Nov-Dec;29(6):510-8.
2005	Complication	Diagnosis	---	---	Late hematoma after aesthetic breast augmentation with textured silicone prosthesis: a case report.	Brazil	Veiga DF, et al.	Surgery	Aesthetic Plast Surg. 2005 Sep-Oct;29(5):431-3; discussion 434.
2005	Complication	---	---	History	[History of augmentation mammoplasty].	France	Glicenstein J.	Surgery	Ann Chir Plast Esthet. 2005 Oct;50(5):337-49.
2005	---	---	---	History	[Breast implants and silicone: silicone crisis' history].	France	Muller GH.	Surgery	Ann Chir Plast Esthet. 2005 Oct;50(5):350-6.
2005	---	---	---	Regulation/Sociology	[Evolutive French regulation and materiovigilance specific to the breast implants].	France	Gangloff D, et al.	Surgery	Ann Chir Plast Esthet. 2005 Oct;50(5):408-21.
2005	---	---	Surface Type	---	[Smooth or textured implants: what to select?].	Belgium	Heymans O.	Surgery	Ann Chir Plast Esthet. 2005 Oct;50(5):494-8.
2005	Complication	---	Material	---	[Silicone or saline - filled implants for breast augmentation?].	France	Garrido-Stowhas I, et al.	Surgery	Ann Chir Plast Esthet. 2005 Oct;50(5):499-504.
2005	Complication	---	---	---	[The non-perfect results of breast implants].	Greece	Dionyssopoulos A.	Surgery	Ann Chir Plast Esthet. 2005 Oct;50(5):534-43.
2005	---	---	---	History	[Do silicone gel breast implants must be changed?].	France	Bouillot A.	Surgery	Ann Chir Plast Esthet. 2005 Oct;50(5):554-9.
2005	---	---	---	Sociology	[Information of the patient: the	France	Sinna R, et al.	Surgery	Ann Chir Plast Esthet. 2005

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				gy	characteristics of implant breast augmentation].				Oct;50(5):605-14.
2005	Risk/Safety	---	---	Regulation/Sociology	[Breast implants in France. New regulations, and qualitative and quantitative study of breast implants sold between 1995 and 2004].	France	Petit F.	Surgery	Ann Chir Plast Esthet. 2005 Oct;50(5):685-93.
2005	---	---	---	Sociology	[Descriptive analysis of the various mammary implants available on European market in 2005].	France	Desouches C, Aharoni C, Magalon G.	Surgery	Ann Chir Plast Esthet. 2005 Oct;50(5):694-701.
2005	---	Diagnosis	Rupture	---	The diagnosis of silicone breast-implant rupture: clinical findings compared with findings at magnetic resonance imaging.	Denmark	Hölmich LR, et al.	Surgery	Ann Plast Surg. 2005 Jun;54(6):583-9.
2005	Experience	Experience	Bleeding/Migration	---	Preliminary (3 years) experience with smooth wall silicone gel implants for primary breast augmentation.	USA	Seify H, Sullivan K, Hester TR.	Surgery	Ann Plast Surg. 2005 Mar;54(3):231-5; discussion 235.
2005	---	Technique	---	---	Two staged breast reconstruction following prophylactic bilateral subcutaneous mastectomy.	Greece	Yiacoumettis AM.	Surgery	Br J Plast Surg. 2005 Apr;58(3):299-305.
2005	Complication	---	---	---	Progressive spontaneous unilateral enlargement of the breast twenty-two years after prosthetic breast augmentation.	Australia	Roman S, Perkins D.	Surgery	Br J Plast Surg. 2005 Jan;58(1):88-91.
2005	Complication	Technique	---	---	Immediate bilateral autologous breast reconstruction for silicone intolerance.	UK	Mosahebi A, et al.	Surgery	Br J Plast Surg. 2005 Jul;58(5):714-6.
2005	Complication	Technique	---	---	Immediate breast reconstruction with definitive anatomical implants after skin-sparing mastectomy.	Italy	Salgarello M, Farallo E.	Surgery	Br J Plast Surg. 2005 Mar;58(2):216-22.
2005	Causal Relation	---	Rupture	---	Rupture of an expander prosthesis mimics axillary cancer recurrence.	Ireland	Ismael T, Kelly J, Regan PJ.	Surgery	Br J Plast Surg. 2005 Oct;58(7):1027-8.
2005	Causal Relation	---	---	---	Breast implants as a possible etiology of epithelioid hemangioendothelioma and successful therapy with interferon-alpha2.	USA	Marsh Rde W, et al.	Surgery	Breast J. 2005 Jul-Aug;11(4):257-61.
2005	Complication	---	---	---	Silicone embolism syndrome: a case report, review of the literature, and comparison with fat embolism syndrome.	USA	Schmid A, Tzur A, Leshko L, Krieger BP.	Surgery	Chest. 2005 Jun;127(6):2276-81.
2005	Causal Relation	---	Rupture	---	Silicone thorax due to a ruptured breast implant.	USA	Levine RL, et al.	Surgery	Chest. 2005 May;127(5):1854-7.
2005	---	---	Material	---	Reports of "dissolving" shells of silicone gel-filled breast implants.	USA	Lane T, Curtis J.	Surgery	Plast Reconstr Surg. 2005 Apr 15;115(5):1442-5.
2005	---	---	Material	---	The fate of transplanted fibrous capsule as an autogenous graft.	Turkey	Sarifakioglu N, et al.	Surgery	Plast Reconstr Surg. 2005 Apr;115(4):1087-94.
2005	---	Technique	---	---	Augmentation mammoplasty with anatomic soft, cohesive silicone implant using the transaxillary approach at a subfascial level with endoscopic assistance.	Spain	Serra-Renom J, Garrido MF, Yoon T.	Surgery	Plast Reconstr Surg. 2005 Aug;116(2):640-5.
2005	---	---	---	Registry	Silicone gel registry requirement.	USA	Ersek RA.	Surgery	Plast Reconstr Surg. 2005 Jul;116(1):355-6.
2005	---	Technique	---	---	Further advantages of using the subfascial implant in terms of capsular formation.	Turkey	Duman A, et al.	Surgery	Plast Reconstr Surg. 2005 Mar;115(3):950-2.
2005	Experience	Experience	---	---	Prospective study on Trilucent soybean oil-filled breast prosthesis.	Italy	Scuderi N, et al.	Surgery	Plast Reconstr Surg. 2005 Sep 15;116(4):1130-6.

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2005	Complication	---	Material	---	Cohesive silicone gel breast implants in aesthetic and reconstructive breast surgery.	Canada	Brown MH, Shenker R, Silver SA.	Surgery	Plast Reconstr Surg. 2005 Sep;116(3):768-79; discussion 780-1.
2005	---	Treatment	---	---	[Preventive effect of chitosan on capsular contracture after implantation of silicone gel-filled mammary implants in rats].	China	Yan YJ, et al.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2005 Mar;21(2):139-42.
2005	Experience	Experience	Rupture	---	[The clinic analysis of complications of varied breast implant].	China	Chen WL, et al.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2005 May;21(3):172-4.
2005	---	Treatment	---	---	[The experimental researches on the use of triamcinolone acetate for the prevention of implant capsular contracture].	China	Yang WQ, et al.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2005 Sep;21(5):368-71.
2006	---	Diagnosis	---	---	Impaired myocardial SPECT imaging secondary to silicon- and saline-containing breast implants.	USA	Stinis CT, Lizotte PE, Movahed MR.	Medical Devices	Int J Cardiovasc Imaging. 2006 Jun-Aug;22(3-4):449-55.
2006	Complication	---	---	Regulation/Sociology	Breast implant surveillance reports to the U.S. Food and Drug Administration: maternal-child health problems.	USA	Brown SL, et al.	Medical Devices	J Long Term Eff Med Implants. 2006;16(4):281-90.
2006	---	---	Material	---	Platinum concentration and platinum oxidation states in body fluids, tissue, and explants from women exposed to silicone and saline breast implants.	USA	Lykissa E, Maharaj S.	Medical Devices	J Long Term Eff Med Implants. 2006;16(6):435-9.
2006	Complication	---	---	---	Morphology of breast implant fold flaw failure.	USA	Brandon HJ, et al.	Medical Devices	J Long Term Eff Med Implants. 2006;16(6):441-50.
2006	---	Diagnosis	---	---	Water-selective spectral-spatial contrast-enhanced breast MRI for cancer detection in patients with extracapsular and injected free silicone.	USA	Po J, et al.	Medical Devices	Magn Reson Imaging. 2006 Dec;24(10):1363-7.
2006	Complication	---	---	---	[Necrobiosis lipoidica over appendectomy scar in a patient with morphea of the breast].	Spain	Acebo E, et al.	Medicine	Actas Dermosifiliogr. 2006 Jan-Feb;97(1):52-5.
2006	---	---	Rupture	---	Gel-gel double-lumen silicone breast implant: mimic of intracapsular implant rupture.	Singapore	Kwek JW, et al.	Medicine	AJR Am J Roentgenol. 2006 Oct;187(4):W436-7.
2006	Complication	---	---	---	[Acute pneumonitis after subcutaneous injection of liquid silicone as a breast implant in a male-to-female transsexual].	Spain	Sanz-Herrero F, et al.	Medicine	Arch Bronconeumol. 2006 Apr;42(4):205-6.
2006	---	---	---	Sociology	Cosmetic and reconstructive breast surgery.	Australia	Lam T, Brennan M, French J.	Medicine	Aust Fam Physician. 2006 Jun;35(6):423-8.
2006	---	---	---	Regulation/Sociology	FDA approves silicone breast implants 14 years after their withdrawal.	USA	Tanne JH.	Medicine	BMJ. 2006 Dec 2;333(7579):1139.
2006	---	---	Bleeding/Migration	---	Breast implant advisory panel: more study on silicone leakage.	Canada	Eggertson L.	Medicine	CMAJ. 2006 Feb 14;174(4):443-4.
2006	Causal Relation	---	---	---	Kinetics of T lymphocyte responses to persistent antigens.	USA	Shanklin DR, Smalley DL.	Medicine	Exp Mol Pathol. 2006 Feb;80(1):26-37.
2006	Risk/Safety	---	---	---	Cancer risk among Danish women with cosmetic breast implants.	Denmark	Friis S, et al.	Medicine	Int J Cancer. 2006 Feb 15;118(4):998-1003.
2006	Risk/Safety	---	---	---	Cancer incidence in a cohort of Ontario and Quebec women having bilateral breast	Canada	Brisson J, et al.	Medicine	Int J Cancer. 2006 Jun 1;118(11):2854-62.

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					augmentation.				
2006	Complication	Technique	---	---	[Secondary breast bilateral reconstruction with myocutaneous pedicled latissimus dorsi flap after primary bilateral skin sparing mastectomy reconstruction with consecutive severe capsular contraction].	Croatia	Mijatović D, Bulić K, Unusić J.	Medicine	Lijec Vjesn. 2006 Jul-Aug;128(7-8):210-3.
2006	---	Technique	---	---	Breast augmentation.	USA	Tenenbaum MM, Myckatyn TM.	Medicine	Mo Med. 2006 May-Jun;103(3):282-7; quiz 287-8.
2006	Complication	Treatment	---	---	[Protective silicone prosthesis prior to radiotherapy of recurrent colonic cancer].	Norway	Hølmekbakk T, et al.	Medicine	Tidsskr Nor Laegeforen. 2006 Feb 9;126(4):447-9.
2006	Risk/Safety	---	---	History	Safely re-integrating silicone breast implants into the plastic surgery practice.	USA	Gladfelter J.	Nursing	Plast Surg Nurs. 2006 Jul-Sep;26(3):128-31.
2006	---	---	---	Sociology	Platinum paper sparks controversy.	USA	Erickson BE.	Science	Anal Chem. 2006 Aug 1;78(15):5240-2.
2006	---	---	Material	---	Comments on total platinum concentration and platinum oxidation states in body fluids, tissue, and explants from women exposed to silicone and saline breast implants by IC-ICPMS.	USA	Lane TH.	Science	Anal Chem. 2006 Aug 1;78(15):5607-8.
2006	---	---	Material	---	Comments on total platinum concentration and platinum oxidation states in body fluids, tissue, and explants from women exposed to silicone and saline breast implants by IC-ICPMS.	Canada	Brook MA.	Science	Anal Chem. 2006 Aug 1;78(15):5609-11.
2006	---	---	Material	---	Total platinum concentration and platinum oxidation states in body fluids, tissue, and explants from women exposed to silicone and saline breast implants by IC-ICPMS.	USA	Lykissa ED, Maharaj SV.	Science	Anal Chem. 2006 May 1;78(9):2925-33.
2006	---	---	Material	---	Platinum in silicone breast implants.	Canada	Brook MA.	Science	Biomaterials. 2006 Jun;27(17):3274-86.
2006	Experience	Experience	---	---	Long-term safety and efficacy of polyurethane foam-covered breast implants.	USA	Handel N, Gutierrez J.	Surgery	Aesthet Surg J. 2006 May-Jun;26(3):265-74.
2006	Complication	Technique	---	---	Is one-stage breast augmentation with mastopexy safe and effective? A review of 186 primary cases.	USA	Stevens WG, et al.	Surgery	Aesthet Surg J. 2006 Nov-Dec;26(6):674-81.
2006	Experience	Experience	---	---	Spontaneous autoinflation and deflation of double-lumen breast implants.	China	Chien CH, Ding XZ, Yang ZS.	Surgery	Aesthetic Plast Surg. 2006 Jan-Feb;30(1):113-7.
2006	Complication	---	---	---	Changes over time in mammary compliance values after breast augmentation.	Italy	Mazzocchi M, et al.	Surgery	Aesthetic Plast Surg. 2006 Mar-Apr;30(2):198-205.
2006	Complication	---	---	---	Surgical reconstruction of tuberous breasts.	Greece	Foustanos A, Zavrides H.	Surgery	Aesthetic Plast Surg. 2006 May-Jun;30(3):294-300.
2006	---	Treatment	---	---	Modified lateral thoracodorsal flap: a way out of a difficult problem.	Brazil	Pontes R, et al.	Surgery	Aesthetic Plast Surg. 2006 May-Jun;30(3):363-8.
2006	Experience	Experience	---	---	[Breast reconstruction after prolonged tissue expansion. About 247 cases].	France	Fabre G, et al.	Surgery	Ann Chir Plast Esthet. 2006 Feb;51(1):29-37.
2006	---	Technique	---	---	Latissimus dorsi breast reconstruction utilizing functional muscle transfer and	USA	Mast BA, Simoneau DK.	Surgery	Ann Plast Surg. 2006 Jan;56(1):36-9.

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					tissue expansion.				
2006	Complication	Diagnosis	---	---	Clinical imaging diagnosis of implant materials for breast augmentation.	Japan	Kawahara S, et al.	Surgery	Ann Plast Surg. 2006 Jul;57(1):6-12.
2006	Complication	Diagnosis	---	---	Ultrasonographic appearance of breast implant complications.	Italy	Cilotti A, et al.	Surgery	Ann Plast Surg. 2006 Mar;56(3):243-7.
2006	---	Technique	---	---	Postbariatric surgery breast reshaping: the spiral flap.	USA	Hurwitz DJ, Agha-Mohammadi S.	Surgery	Ann Plast Surg. 2006 May;56(5):481-6; discussion 486.
2006	---	Diagnosis	---	---	Ultrasonography is more useful in assessment of suspected breast implant infections rather than capsular contracture.	USA	Patel AJ.	Surgery	Ann Plast Surg. 2006 Oct;57(4):477-8.
2006	Experience	Experience	---	---	Carboxy-methyl-cellulose hydrogel-filled breast implants - an ideal alternative? A report of five years' experience with this device.	Germany	Brunner CA, Gröner RW.	Surgery	Can J Plast Surg. 2006 Fall;14(3):151-4.
2006	Causal Relation	---	---	---	[Chest wall fibromatosis after mammary prosthesis implantation. A case report and review of the literature].	Italy	Gandolfo L, et al.	Surgery	Chir Ital. 2006 Sep-Oct;58(5):655-60.
2006	Causal Relation	---	---	---	[Histological and immunohistochemical investigations with capsular contracture after breast augmentation with smooth silicone gel implants].	Germany	Prantl L, et al.	Surgery	Handchir Mikrochir Plast Chir. 2006 Aug;38(4):224-32.
2006	Complication	Technique	---	---	[The application of endoscopy in aesthetic breast surgery].	Germany	Momeni A, et al.	Surgery	Handchir Mikrochir Plast Chir. 2006 Jun;38(3):144-8.
2006	---	Treatment	---	---	The semi-permeability of silicone: a saline-filled breast implant with intraluminal and pericapsular <i>Aspergillus flavus</i> .	UK	Wright PK, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2006;59(10):1118-21.
2006	---	---	Rupture	---	Locoregional silicone spread after high cohesive gel silicone implant rupture.	UK	Lahiri A, Waters R.	Surgery	J Plast Reconstr Aesthet Surg. 2006;59(8):885-6.
2006	---	Technique	Rupture	---	A novel method to remove silicone gel after breast implant rupture.	UK	O'Neill JK, Taylor GI.	Surgery	J Plast Reconstr Aesthet Surg. 2006;59(8):889-91.
2006	---	Technique	---	---	Breast reconstruction with alloplastic implants.	USA	Agha-Mohammadi S, et al.	Surgery	J Surg Oncol. 2006 Nov 1;94(6):471-8.
2006	---	---	Rupture	---	Prevalence of rupture in inamed silicone breast implants.	Sweden	Hedén P, et al.	Surgery	Plast Reconstr Surg. 2006 Aug;118(2):303-8; discussion 309-12.
2006	Complication	Treatment	---	---	The correction of capsular contracture by conversion to "dual-plane" positioning: technique and outcomes.	USA	Spear SL, Carter ME, Ganz JC.	Surgery	Plast Reconstr Surg. 2006 Dec;118(7 Suppl):103S-113S; discussion 114S.
2006	---	Technique	Bleeding/Migration	---	Achieving a predictable 24-hour return to normal activities after breast augmentation: part II. Patient preparation, refined surgical techniques, and instrumentation.	USA	Tebbetts JB.	Surgery	Plast Reconstr Surg. 2006 Dec;118(7 Suppl):115S-27S; discussion 128S-129S, 130S-132S.
2006	Complication	---	Surface Type	---	Determination of serum fibrosis indexes in patients with capsular contracture after augmentation with smooth silicone gel implants.	Germany	Prantl L, et al.	Surgery	Plast Reconstr Surg. 2006 Jul;118(1):224-9.
2006	---	---	Rupture	---	A comparison of 500 prefilled textured saline breast implants versus 500	USA	Stevens WG, et al.	Surgery	Plast Reconstr Surg. 2006 Jun;117(7):2175-8;

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					standard textured saline breast implants: is there a difference in deflation rates?				discussion 2179-81.
2006	Complication	---	Surface Type	---	Textured surface breast implants in the prevention of capsular contracture among breast augmentation patients: a meta-analysis of randomized controlled trials.	Canada	Barnsley GP, Sigurdson LJ, Barnsley SE.	Surgery	Plast Reconstr Surg. 2006 Jun;117(7):2182-90.
2006	Experience	Experience	Rupture	---	Style 410 cohesive silicone breast implants: safety and effectiveness at 5 to 9 years after implantation.	Sweden	Hedén P, et al.	Surgery	Plast Reconstr Surg. 2006 Nov;118(6):1281-7.
2006	Clinical Study	Clinical Study	---	Regulation/Sociology	Achieving a zero percent reoperation rate at 3 years in a 50-consecutive-case augmentation mammoplasty premarket approval study.	USA	Tebbetts JB.	Surgery	Plast Reconstr Surg. 2006 Nov;118(6):1453-7.
2006	Complication	---	---	---	Capsular contracture: results of 3002 patients with aesthetic breast augmentation.	Italy	Araco A, et al.	Surgery	Plast Reconstr Surg. 2006 Nov;118(6):1499-500; author reply 1500-2.
2006	Risk/Safety	---	Surface Type	---	Capsular contracture in subglandular breast augmentation with textured versus smooth breast implants: a systematic review.	Singapore	Wong CH, et al.	Surgery	Plast Reconstr Surg. 2006 Oct;118(5):1224-36.
2006	---	---	Surface Type	---	The composition and behavior of capsules around smooth and textured breast implants in pigs.	Brazil	Minami E, et al.	Surgery	Plast Reconstr Surg. 2006 Sep 15;118(4):874-84.
2006	Complication	Technique	---	---	Skin-reducing mastectomy.	Italy	Nava MB, et al.	Surgery	Plast Reconstr Surg. 2006 Sep;118(3):603-10; discussion 611-3.
2006	Complication	---	---	---	[Lower capsular contracture of miniprotheses as compared with the conventional silicone implant].	China	Yang WQ, et al.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2006 May;22(3):180-2.
2006	---	Technique	---	---	[Removing breast foreign body resulted from augmentation with polyacrylamide hydrogel injection and silicone prosthesis implantation at one stage].	China	ang Q, et al.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2006 May;22(3):183-5.
2006	---	Technique	---	---	[Clinic applications of primary breast reconstruction with a subpectoral silicone tissue expander].	China	Zhao R, Qiao Q, Zhang HL.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2006 May;22(3):185-7.
2007	---	Diagnosis	---	Regulation/Sociology	Interference of breast implants with echocardiographic image acquisition and interpretation.	USA	Movahed MR.	Medical Devices	Cardiovasc Ultrasound. 2007 Feb 23;5:9.
2007	Complication	---	---	History	Allergan's silicone gel breast implants.	USA	Spear SL, Hedén P.	Medical Devices	Expert Rev Med Devices. 2007 Sep;4(5):699-708.
2007	---	Diagnosis	Bleeding/Migration	---	Investigations of silicone breast implants with the NMR-MOUSE.	Germany	Krüger M, Schwarz A, Blümich B.	Medical Devices	Magn Reson Imaging. 2007 Feb;25(2):215-8.
2007	Causal Relation	---	---	---	What should be used as tools in women at risk of autoimmune disease?	Croatia	Lipozencić J, Marinović B.	Medicine	Acta Dermatovenerol Croat. 2007;15(1):49.
2007	---	Diagnosis	---	---	Attenuation artifact during myocardial SPECT imaging secondary to saline and silicone breast implants.	USA	Movahed MR.	Medicine	Am Heart Hosp J. 2007 Summer;5(3):195-6.
2007	Complication	---	---	---	Supraclavicular lymphadenopathy due to silicone breast implants.	USA	Shipchandler TZ, et al.	Medicine	Arch Otolaryngol Head Neck Surg. 2007 Aug;133(8):830-2.
2007	Causal	---	---	---	Serum proteins and paraproteins in	USA	Csako G, et al.	Medicine	Arthritis Res Ther.

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	Relation				women with silicone implants and connective tissue disease: a case-control study.				2007;9(5):R95.
2007	Complication	---	---	---	[What is your diagnosis? Silicone lymphadenopathy].	Czech	Kasparová P.	Medicine	Cesk Patol. 2007 Jan;43(1):12-33.
2007	Causal Relation	---	Material	---	Allergic contact dermatitis to synthetic rubber following breast augmentation.	Italy	Cantisani C, et al.	Medicine	Eur Ann Allergy Clin Immunol. 2007 Jun;39(6):185-8.
2007	---	Diagnosis	---	---	Silicone-selective multishot echo-planar imaging for rapid MRI survey of breast implants.	Japan	Amano Y, et al.	Medicine	Eur Radiol. 2007 Jul;17(7):1875-8.
2007	---	---	---	Sociology	Silicone mammary implants--can we turn back the time?	Austria	Backovic A, Wolfram D.	Medicine	Exp Gerontol. 2007 Aug;42(8):713-8.
2007	Complication	---	---	---	Prolonged fever due to silicone granulomatosis.	Israel	Blum A, et al.	Medicine	Isr Med Assoc J. 2007 Feb;9(2):121-2.
2007	Complication	Technique	---	---	Burned breast reconstruction by expanded artificial dermal substitute.	Greece	Tsoutsos D, et al.	Medicine	J Burn Care Res. 2007 May-Jun;28(3):530-2.
2007	Causal Relation	---	---	---	Simultaneous analysis of multiple serum proteins adhering to the surface of medical grade polydimethylsiloxane elastomers.	Austria	Backovic A, et al.	Medicine	J Immunol Methods. 2007 Dec 1;328(1-2):118-27.
2007	Risk/Safety	---	---	Epidemiology	Evaluating emerging issues in epidemiology.	USA	Collins JJ, et al.	Medicine	Regul Toxicol Pharmacol. 2007 Aug;48(3):296-307.
2007	Complication	---	---	---	Silicone implants and connective tissue disease: 5 cases.	Israel	Rishpon A, et al.	Medicine	Skinmed. 2007 Jan-Feb;6(1):30-4.
2007	---	Diagnosis	---	---	Extended field-of-view and three-dimensional ultrasound imaging of silicone breast implant lesions.	Italy	Papadia A, et al.	Medicine	Ultrasound Obstet Gynecol. 2007 Mar;29(3):360-1.
2007	Causal Relation	---	---	---	Identification and dynamics of proteins adhering to the surface of medical silicones in vivo and in vitro.	Austria	Backovic A, et al.	Science	J Proteome Res. 2007 Jan;6(1):376-81.
2007	---	---	Material	---	Exposure dose and significance of platinum and platinum salts in breast implants.	USA	Maharaj SV.	Sociology	Arch Environ Occup Health. 2007 Fall;62(3):139-46.
2007	---	---	---	Regulation/Sociology	Silicone gel-filled breast implants approved.	USA		Sociology	FDA Consum. 2007 Jan-Feb;41(1):8-9.
2007	---	---	---	Sociology	Categorizing mistaken false positives in regulation of human and environmental health.	Denmark	Hansen SF, et al.	Sociology	Risk Anal. 2007 Feb;27(1):255-69.
2007	Complication	---	---	---	Delayed silicone breast implant infection with Mycobacterium avium-intracellulare.	USA	Wirth GA, Brenner KA, Sundine MJ.	Surgery	Aesthet Surg J. 2007 Mar-Apr;27(2):167-71.
2007	---	Diagnosis	Rupture	Regulation/Sociology	Microscopy analysis of breast implant rupture caused by surgical instrument damage.	USA	Brandon HJ, et al.	Surgery	Aesthet Surg J. 2007 May-Jun;27(3):239-56.
2007	Complication	Technique	---	---	A review of 100 consecutive secondary augmentation/mastopexies.	USA	Stevens WG, et al.	Surgery	Aesthet Surg J. 2007 Sep-Oct;27(5):485-92.
2007	---	Technique	---	---	Breast augmentation using silicone gel-filled implants.	USA	Fisher J.	Surgery	Aesthet Surg J. 2007 Sep-Oct;27(5):551-7.
2007	Risk/Safety	---	---	History	Implications of transaxillary breast augmentation: lifetime probability of breast cancer development and sentinel	Chile	Prado A, Andrades P, Leniz P.	Surgery	Aesthetic Plast Surg. 2007 Jul-Aug;31(4):317-9.

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					node mapping interference.				
2007	Causal Relation	---	---	---	Re: implications of transaxillary breast augmentation: lifetime probability for the development of breast cancer and sentinel node mapping interference.	Brazil	Munhoz AM, Ferreira MC.	Surgery	Aesthetic Plast Surg. 2007 Jul-Aug;31(4):320-1.
2007	Causal Relation	---	---	---	Re: implications of transaxillary breast augmentation: lifetime probability for the development of breast cancer and sentinel node mapping interference.	Brazil	Graf RM, et al.	Surgery	Aesthetic Plast Surg. 2007 Jul-Aug;31(4):322-4.
2007	Experience	Experience	---	---	Polyurethane-coated silicone gel breast implants used for 18 years.	Argentina	Vázquez G, Pellón A.	Surgery	Aesthetic Plast Surg. 2007 Jul-Aug;31(4):330-6.
2007	Complication	---	Surface Type	---	Does the surface structure of implants have an impact on the formation of a capsular contracture?	Germany	Poepl N, et al.	Surgery	Aesthetic Plast Surg. 2007 Mar-Apr;31(2):133-9.
2007	---	Treatment	---	---	Poland's syndrome: different clinical presentations and surgical reconstructions in 18 cases.	Brazil	Freitas Rda S, et al.	Surgery	Aesthetic Plast Surg. 2007 Mar-Apr;31(2):140-6.
2007	Complication	Technique	---	---	Complete submuscular breast augmentation: 650 cases managed using an alternative surgical technique.	Germany	Hendricks H.	Surgery	Aesthetic Plast Surg. 2007 Mar-Apr;31(2):147-53.
2007	---	Treatment	---	---	Effect of slow-release 5-Fluorouracil on capsule formation around silicone breast implants: an experimental study with mice.	Turkey	Ibrahim Canter H, et al.	Surgery	Aesthetic Plast Surg. 2007 Nov-Dec;31(6):674-9.
2007	Clinical Study	Clinical Study	---	---	Prospective study comparing two brands of cohesive gel breast implants with anatomic shape: 5-year follow-up evaluation.	Sweden	Niechajev I, Jurell G, Lohjelm L.	Surgery	Aesthetic Plast Surg. 2007 Nov-Dec;31(6):697-710.
2007	---	Diagnosis	Design	---	Anatomically shaped breast prosthesis in vivo: a change of dimension?	Netherlands	Nipshagen MD, et al.	Surgery	Aesthetic Plast Surg. 2007 Sep-Oct;31(5):540-3.
2007	---	Diagnosis	---	---	Transaxillary breast augmentation: two breast cancer patients with successful sentinel lymph node diagnosis.	Argentina	Mottura AA, Del Castillo R.	Surgery	Aesthetic Plast Surg. 2007 Sep-Oct;31(5):544-9; discussion 550-2.
2007	---	Technique	---	---	Muscle-splitting breast augmentation: a new pocket in a different plane.	UK	Khan UD.	Surgery	Aesthetic Plast Surg. 2007 Sep-Oct;31(5):553-8.
2007	Complication	---	---	---	Histologic analysis of zafirlukast's effect on capsule formation around silicone implants.	Brazil	Bastos EM, et al.	Surgery	Aesthetic Plast Surg. 2007 Sep-Oct;31(5):559-65.
2007	Experience	Experience	---	---	[Anatomic breast implants in aesthetic and reconstructive surgery: report of 135 cases].	France	Valenti D, et al.	Surgery	Ann Chir Plast Esthet. 2007 Jun;52(3):177-86.
2007	Complication	---	---	---	Breast implant capsules are partially composed of bone marrow-derived cells.	USA	Isom C, et al.	Surgery	Ann Plast Surg. 2007 Apr;58(4):377-80.
2007	Complication	---	---	---	Bacterial colonization is of major relevance for high-grade capsular contracture after augmentation mammoplasty.	Germany	Schreml S, et al.	Surgery	Ann Plast Surg. 2007 Aug;59(2):126-30.
2007	---	Technique	---	---	Endoscopic breast reconstruction with intraoperative complete tissue expansion and partial detachment of the pectoralis muscle.	Spain	Serra-Renom JM, et al.	Surgery	Ann Plast Surg. 2007 Feb;58(2):126-30.
2007	Complication	Technique	---	---	The influence of subfascial transaxillary breast augmentation in axillary lymphatic drainage patterns and sentinel lymph	Brazil	Munhoz AM, et al.	Surgery	Ann Plast Surg. 2007 Feb;58(2):141-9.

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					node detection.				
2007	Complication	---	---	---	Modification of cysteinyl leukotriene receptor expression in capsular contracture: Preliminary results.	Italy	D'Andrea F, et al.	Surgery	Ann Plast Surg. 2007 Feb;58(2):212-4.
2007	---	---	Rupture	---	Rupture of high-cohesive silicone implant after gunshot injury.	Brazil	Pereira LH, Sterodimas A.	Surgery	Ann Plast Surg. 2007 Feb;58(2):228-9.
2007	Risk/Safety	---	---	Epidemiology	The safety of silicone gel-filled breast implants: a review of the epidemiologic evidence.	USA	McLaughlin JK, et al.	Surgery	Ann Plast Surg. 2007 Nov;59(5):569-80.
2007	Complication	---	---	Sociology	Silicone gel implants in breast augmentation and reconstruction.	USA	Gammer TJ, et al.	Surgery	Ann Plast Surg. 2007 Nov;59(5):581-90.
2007	Experience	Experience	---	---	Inferolateral AlloDerm hammock for implant coverage in breast reconstruction.	USA	Breuing KH, Colwell AS.	Surgery	Ann Plast Surg. 2007 Sep;59(3):250-5.
2007	Complication	---	---	---	Late seroma after breast augmentation with silicone prostheses: a case report.	Brazil	Oliveira VM, et al.	Surgery	Breast J. 2007 Jul-Aug;13(4):421-3.
2007	Clinical Study	Clinical Study	Bleeding/Migration	---	Late unilateral breast enlargement after insertion of silicone gel implants: A histopathological study.	Canada	Peters W, Fornasier V.	Surgery	Can J Plast Surg. 2007 Spring;15(1):19-28.
2007	---	---	Rupture	---	Locoregional silicone spread after high cohesive gel silicone implant rupture.	UK	Shaaban H, Alvir R.	Surgery	J Plast Reconstr Aesthet Surg. 2007;60(10):1166-7.
2007	Experience	Experience	---	---	Aesthetic role of the surgically rebuilt inframammary fold for implant-based breast reconstruction after mastectomy.	Italy	Bogetti P, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2007;60(11):1225-32.
2007	Causal Relation	---	---	---	A late complication following the insertion of hydrogel breast implants.	UK	Adams TS, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2007;60(2):210-2.
2007	Clinical Study	Clinical Study	---	---	Soft cohesive silicone gel breast prostheses: a comparative prospective study of aesthetic results versus lower cohesivity silicone gel prostheses.	Italy	Panetti P, Marchetti L, Accorsi D.	Surgery	J Plast Reconstr Aesthet Surg. 2007;60(5):482-9.
2007	Complication	---	---	---	In response to 'A late complication following the insertion of hydrogel breast implants'.	UK	Cacou C, Tinkler J.	Surgery	J Plast Reconstr Aesthet Surg. 2007;60(8):967.
2007	---	---	Rupture	---	Rupture of PIP breast implants.	USA	Berry RB.	Surgery	J Plast Reconstr Aesthet Surg. 2007;60(8):967-8.
2007	Complication	---	---	---	Pro-inflammatory cytokines in elective flap surgery.	Germany	Schmidt A, et al.	Surgery	J Surg Res. 2007 Jan;137(1):117-21.
2007	Complication	---	---	---	Unusually successive deflation of textured-surface implants.	USA	Ersek RA.	Surgery	Plast Reconstr Surg. 2007 Apr 1;119(4):1381-2.
2007	Risk/Safety	---	---	Sociology	The psychological safety of breast implant surgery.	USA	McGrath MH.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):103S-109S.
2007	Risk/Safety	---	Material	---	Silicone breast implants and platinum.	USA	Wixtrom RN.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):118S-122S.
2007	Risk/Safety	---	---	Lactation	Breast-feeding and silicone implants.	Canada	Semple JL.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):123S-128S.
2007	Clinical Study	Clinical Study	---	Regulation/Sociology	The Mentor Core Study on Silicone MemoryGel Breast Implants.	USA	Cunningham B.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):19S-29S; discussion 30S-32S.
2007	Clinical	Clinical	---	---	The Mentor Study on Contour Profile Gel	USA	Cunningham B.	Surgery	Plast Reconstr Surg. 2007

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	Study	1 Study			Silicone MemoryGel Breast Implants.				Dec;120(7 Suppl 1):33S-39S.
2007	Clinical Study	Clinical Study	---	---	Style 410 highly cohesive silicone breast implant core study results at 3 years.	USA	Bengtson BP, et al.P; Style 410 U.S. Core Clinical Study Group.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):40S-48S.
2007	---	---	Rupture	---	The diagnosis of silicone breast implant rupture.	USA	Gorczyca DP, Gorczyca SM, Gorczyca KL.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):49S-61S.
2007	Causal Relation	---	Rupture	---	Breast implant rupture and connective tissue disease: a review of the literature.	Denmark	Hölmich LR, et al.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):62S-69S.
2007	Risk/Safety	---	---	---	Breast implants and breast cancer: a review of incidence, detection, mortality, and survival.	USA	Deapen D.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):70S-80S.
2007	Causal Relation	Diagnosis	---	---	The effect of silicone implants on the diagnosis, prognosis, and treatment of breast cancer.	USA	Handel N.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):81S-93S.
2007	Clinical Study	Clinical Study	Rupture	Regulation/Sociology	Inamed silicone breast implant core study results at 6 years.	USA	Spear SL, et al.; Inamed Silicone Breast Implant U.S. Study Group.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):8S-16S; discussion 17S-18S.
2007	Causal Relation	---	---	---	The relationship of silicone breast implants and cancer at other sites.	USA	Brinton LA.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7 Suppl 1):94S-102S.
2007	---	Technique	---	---	The role of betadine irrigation in breast augmentation.	Greece	Zambacos GJ, Mandrekas AD, Morris RJ.	Surgery	Plast Reconstr Surg. 2007 Dec;120(7):2115; author reply 2116.
2007	Complication	---	---	Sociology	A review of psychological outcomes and suicide in aesthetic breast augmentation.	USA	Rohrich RJ, Adams WP Jr, Potter JK.	Surgery	Plast Reconstr Surg. 2007 Jan;119(1):401-8.
2007	Causal Relation	---	---	---	Clinical and morphological conditions in capsular contracture formed around silicone breast implants.	Germany	Prantl L, et al.	Surgery	Plast Reconstr Surg. 2007 Jul;120(1):275-84.
2007	Causal Relation	---	---	---	Silsesquioxane nanocomposites as tissue implants.	UK	Kannan RY, et al.	Surgery	Plast Reconstr Surg. 2007 May;119(6):1653-62.
2007	---	Technique	---	---	Reoperations or revisions.	USA	Spear SL.	Surgery	Plast Reconstr Surg. 2007 May;119(6):1943-4.
2007	---	Diagnosis	---	---	Magnetic resonance imaging and explantation investigation of long-term silicone gel implant integrity.	UK	Collis N, et al.	Surgery	Plast Reconstr Surg. 2007 Oct;120(5):1401-6.
2007	Complication	---	---	---	[Titanium-coated silicone is not effective for preventing graft infection].	Germany	Hernandez-Richter T, et al.	Surgery	Zentralbl Chir. 2007 Feb;132(1):32-7.
2007	---	Treatment	---	---	[Inhibiting effects of tetradrine on capsular contracture in rabbits].	China	Chen ZP, Shen WM, Ding ZL.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2007 Jul;23(4):318-21.
2008	---	---	Rupture	---	Physiologically based pharmacokinetic modeling of the disposition of octamethylcyclotetrasiloxane (D4) migration from implants in humans.	USA	Thrall KD, et al.	Medical Devices	J Long Term Eff Med Implants. 2008;18(2):133-44.
2008	Risk/Safety	Diagnosis	---	---	A review of current evidence-based clinical applications for breast magnetic	USA	DeMartini W, Lehman C.	Medical Devices	Top Magn Reson Imaging. 2008 Jun;19(3):143-50.

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					resonance imaging.				
2008	---	---	Bleeding/Migration	---	Direct migration of liquid silicone oil to the mediastinum.	USA	Alazemi S, Suarez MM, Baier HJ.	Medicine	Am J Med. 2008 Feb;121(2):e3-4.
2008	Complication	---	---	---	Anaplastic large cell lymphoma associated with a breast implant capsule: a case report and review of the literature.	USA	Wong AK, et al.	Medicine	Am J Surg Pathol. 2008 Aug;32(8):1265-8.
2008	Complication	---	---	---	Chronic fatigue syndrome with autoantibodies--the result of an augmented adjuvant effect of hepatitis-B vaccine and silicone implant.	Israel	Nancy AL, Shoenfeld Y.	Medicine	Autoimmun Rev. 2008 Oct;8(1):52-5.
2008	Risk/Safety	Technique	---	---	Subcutaneous mastectomy and immediate reconstruction for prevention of breast cancer for high-risk patients.	USA	Ashikari RH, et al.	Medicine	Breast Cancer. 2008;15(3):185-91.
2008	---	Technique	---	---	Breast reconstruction options following mastectomy.	USA	Djohan R, Gage E, Bernard S.	Medicine	Cleve Clin J Med. 2008 Mar;75 Suppl 1:S17-23.
2008	Risk/Safety	---	---	Lactation	Silicone gel mammary prostheses: immune pathologies and breastfeeding.	Italy	Zoccali G, et al.	Medicine	Clin Exp Obstet Gynecol. 2008;35(3):187-9.
2008	---	Diagnosis	---	---	Towards a microcoil for intracranial and intraductal MR microscopy.	USA	Strick DS, et al.	Medicine	Conf Proc IEEE Eng Med Biol Soc. 2008;2008:2047-50.
2008	Causal Relation	---	---	---	Altered systemic serologic parameters in patients with silicone mammary implants.	Austria	Wolfram D, et al.	Medicine	Immunol Lett. 2008 Jun 15;118(1):96-100.
2008	Causal Relation	---	---	---	Pyoderma gangrenosum after silicone prosthesis implant in the breasts and facial plastic surgery.	Brazil	Bonamigo RR, et al.	Medicine	Int J Dermatol. 2008 Mar;47(3):289-91.
2008	Risk/Safety	---	Bleeding/Migration	---	Capsular synovial metaplasia mimicking silicone leak of a breast prosthesis: a case report.	UK	Krishnanandan S, et al.	Medicine	J Med Case Rep. 2008 Aug 15;2:277.
2008	Complication	---	---	---	Anaplastic large-cell lymphoma in women with breast implants.	Netherlands	de Jong D, et al..	Medicine	JAMA. 2008 Nov 5;300(17):2030-5.
2008	Complication	---	---	---	The challenges of epidemiologic research in non-Hodgkin lymphoma.	USA	Evens AM, Chiu BC.	Medicine	JAMA. 2008 Nov 5;300(17):2059-61.
2008	Complication	---	---	---	Seroma-associated primary anaplastic large-cell lymphoma adjacent to breast implants: an indolent T-cell lymphoproliferative disorder.	USA	Roden AC, et al.	Medicine	Mod Pathol. 2008 Apr;21(4):455-63.
2008	Complication	---	---	---	Still's disease in patient with silicone breast implants: case report.	Poland	Błasiak A, et al.	Medicine	Pol Arch Med Wewn. 2008 Jan-Feb;118(1-2):65-7.
2008	Clinical Study	Clinical Study	---	---	Breast augmentation motivations and satisfaction: a prospective study of more than 3,000 silicone implantations.	USA	Gladfelter J, Murphy D.	Nursing	Plast Surg Nurs. 2008 Oct-Dec;28(4):170-4; quiz 175-6.
2008	---	Diagnosis	---	---	Assessment of silicone gel breast implant biodegradability by NMR and EDS techniques.	USA	Taylor RB, et al.	Science	J Biomed Mater Res A. 2008 Jun 1;85(3):684-91.
2008	---	---	---	Regulation/Sociology	Assessment of the FDA backgrounder on platinum in silicone breast implants: implications for public health policy.	USA	Maharaj SV.	Sociology	Int J Health Serv. 2008;38(1):95-102.
2008	Complication	---	---	---	Histological study on acute inflammatory reaction to polyurethane-coated silicone implants in rats.	Brazil	Mendes PR, et al.	Surgery	Acta Cir Bras. 2008 Jan-Feb;23(1):93-101.
2008	Complication	Technique	---	---	Capsulorrhaphy for revisionary breast surgery.	USA	Chasan PE, Francis CS.	Surgery	Aesthet Surg J. 2008 Jan-Feb;28(1):63-9.

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2008	---	Treatment	---	---	The neopeectoral pocket in revisionary breast surgery.	USA	Maxwell GP, Gabriel A.	Surgery	Aesthet Surg J. 2008 Jul-Aug;28(4):463-7.
2008	Experience	Experience	---	---	Clinical experience with a fourth-generation textured silicone gel breast implant: a review of 1012 Mentor MemoryGel breast implants.	USA	Stevens WG, et al.	Surgery	Aesthet Surg J. 2008 Nov-Dec;28(6):642-7.
2008	---	Technique	---	---	The owl technique combined with the inferior pedicle in mastopexy.	Argentina	Loustau HD, et al.	Surgery	Aesthetic Plast Surg. 2008 Jan;32(1):11-5; discussion 16-7.
2008	Complication	---	---	---	Bilateral areoleor depigmentation after augmentation mammoplasty: a case report and literature search.	UK	Khan UD.	Surgery	Aesthetic Plast Surg. 2008 Jan;32(1):143-6.
2008	Complication	---	---	---	Histologic Analysis of Zafirlukast's Effect on Capsule Formation Around Silicone Implants: some considerations.	Italy	Grella E, Grella R, D'Andrea F.	Surgery	Aesthetic Plast Surg. 2008 Jan;32(1):179-80.
2008	---	Technique	---	---	Use of the rectus sternalis in augmentation mammoplasty: case report and literature search.	UK	Khan UD.	Surgery	Aesthetic Plast Surg. 2008 Jan;32(1):21-4.
2008	---	Treatment	---	---	Pirfenidone prevents capsular contracture after mammary implantation.	Mexico	Gancedo M, et al.	Surgery	Aesthetic Plast Surg. 2008 Jan;32(1):32-40.
2008	---	---	Rupture	---	Left unilateral breast autoinflation and intraprosthetic collection of sterile pus: an unusual operative finding of silicone gel bleed with silicone lymphadenitis.	UK	Khan UD.	Surgery	Aesthetic Plast Surg. 2008 Jul;32(4):684-7.
2008	Complication	---	---	---	Gauzoma mimicking siliconoma after breast augmentation surgery.	Argentina	Sarrabayrouse M, et al.	Surgery	Aesthetic Plast Surg. 2008 Jul;32(4):692-4.
2008	Experience	Experience	---	---	Bicompartmental breast liposculpting.	Italy	Zocchi ML, Zuliani F.	Surgery	Aesthetic Plast Surg. 2008 Mar;32(2):313-28.
2008	Complication	Diagnosis	---	---	The influence of external ultrasound on the histologic architecture of the organic capsule around smooth silicone implants: experimental study in rats.	Brazil	Mendes FH, Viterbo F, DeLuca L.	Surgery	Aesthetic Plast Surg. 2008 May;32(3):442-50.
2008	Causal Relation	---	---	---	Breast implants as a preventive factor.	USA	Vincent N, et al.	Surgery	Aesthetic Plast Surg. 2008 Sep;32(5):739-42.
2008	Complication	Treatment	---	---	[Pectus excavatum: what treatment in plastic surgery? About 10 cases].	France	Poupon M, et al.	Surgery	Ann Chir Plast Esthet. 2008 Jun;53(3):246-54.
2008	---	---	Design	---	Indications for extra full projection anatomical cohesive silicone gel implants in cosmetic and reconstructive breast surgery.	UK	Mario AI, Molina AR, Malata CM.	Surgery	Ann Plast Surg. 2008 Dec;61(6):607-12.
2008	---	Technique	---	---	Mastectomy with breast reconstruction in previously augmented patients: indications for implant removal.	USA	Robbins CM, et al.	Surgery	Ann Plast Surg. 2008 Nov;61(5):500-5.
2008	Experience	Experience	---	---	Quantification of the osmotic expansion in implants filled with polyethylene glycol.	USA	Hatef DA, et al.	Surgery	Ann Plast Surg. 2008 Oct;61(4):468-71.
2008	---	Diagnosis	Rupture	---	Comparative study of breast implant rupture using mammography, sonography, and magnetic resonance imaging: correlation with surgical findings.	Italy	Di Benedetto G, et al.	Surgery	Breast J. 2008 Nov-Dec;14(6):532-7.
2008	---	Diagnosis	---	---	Three-dimensional imaging provides valuable clinical data to aid in unilateral tissue expander-implant breast reconstruction.	USA	Tepper OM, et al.	Surgery	Breast J. 2008 Nov-Dec;14(6):543-50.

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2008	Complication	---	---	---	Silicone lymphadenopathy: an unusual cause of internal mammary lymph node enlargement.	Spain	Ganau S, et al.	Surgery	Breast J. 2008 Sep-Oct;14(5):502-3.
2008	Complication	Technique	---	---	The timing of implant exchange in the development of capsular contracture after breast reconstruction.	USA	Weintraub JL, Kahn DM.	Surgery	Eplasty. 2008 May 29;8:e31.
2008	Complication	Treatment	---	---	Reduction of capsular thickness around silicone breast implants by zafirlukast in rats.	Italy	Spano A, et al.	Surgery	Eur Surg Res. 2008;41(1):8-14.
2008	Complication	---	---	---	[Seroma in residual fibrous capsule after breast implant explantation: a case report].	Italy	Vergine M, et al.	Surgery	G Chir. 2008 Apr;29(4):169-71.
2008	Complication	---	---	---	Primary breast lymphoma in a patient with silicone breast implants: a case report and review of the literature.	USA	Newman MK, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2008 Jul;61(7):822-5.
2008	Complication	Technique	---	---	Skin-reducing mastectomy with breast reconstruction and sub-pectoral implants.	UK	della Rovere GQ, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2008 Nov;61(11):1303-8.
2008	Causal Relation	---	Bleeding/Migration	---	Axillary lymphadenopathy secondary to tattoo pigment and silicone migration.	UK	Tehrani H, Lamberty BG.	Surgery	J Plast Reconstr Aesthet Surg. 2008 Nov;61(11):1381.
2008	---	---	Bleeding/Migration	---	Leakage and osmotic shifts in PIP Hydrogel implants. A case demonstrating increase and decrease of implant volume in the same patient.	UK	O'Neill JK, Rigby H, Kenealy JM.	Surgery	J Plast Reconstr Aesthet Surg. 2008 Sep;61(9):1122-3.
2008	Experience	Experience	---	---	Spontaneous unilateral autoinflation of a saline-filled mammary implant.	Austria	Wolfram D, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2008;61(3):342-5.
2008	---	---	---	Sociology	MOC-PS(SM) CME article: breast augmentation.	USA	Alpert BS, Lalonde DH.	Surgery	Plast Reconstr Surg. 2008 Apr;121(4 Suppl):1-7.
2008	---	Diagnosis	Rupture	Regulation/Sociology	Silicone breast implants and magnetic resonance imaging screening for rupture: do U.S. Food and Drug Administration recommendations reflect an evidence-based practice approach to patient care?	USA	McCarthy CM, Pusic AL, Kerrigan CL.	Surgery	Plast Reconstr Surg. 2008 Apr;121(4):1127-34.
2008	---	---	Rupture	---	Spread of silicone to axillary lymph nodes after high cohesive gel silicone implant rupture.	Italy	Accurso A, et al.	Surgery	Plast Reconstr Surg. 2008 Dec;122(6):221e-222e.
2008	---	---	Material	---	Breast augmentation today: saline versus silicone--what are the facts?	USA	Rohrich RJ, Reece EM.	Surgery	Plast Reconstr Surg. 2008 Feb;121(2):669-72.
2008	Causal Relation	---	---	---	Flow cytometric analysis of peripheral blood lymphocyte subsets in patients with silicone breast implants.	Germany	Prantl L, et al.	Surgery	Plast Reconstr Surg. 2008 Jan;121(1):25-30.
2008	---	---	Material	---	The saline versus silicone breast implant debate: separating fact from opinion.	USA	Haeck P, et al.	Surgery	Plast Reconstr Surg. 2008 May;121(5):1847-9.
2008	---	Technique	---	---	Breast reconstruction with miniprotheses.	China	Yang W, et al.	Surgery	Plast Reconstr Surg. 2008 May;121(5):350e-351e.
2008	Clinical Study	Clinical Study	---	---	A survey of attitudes of Ontario plastic surgeons leading up to the return of silicone implants.	Canada	Snell L, Baxter N, Semple JL.	Surgery	Plast Reconstr Surg. 2008 Nov;122(5):148e-149e.
2008	---	Diagnosis	Rupture	Regulation/Sociology	Silicone breast implants and magnetic resonance imaging screening for rupture: do U.S. Food and Drug Administration recommendations reflect an	UK	Gray L.	Surgery	Plast Reconstr Surg. 2008 Nov;122(5):1591-2; author reply 1592.

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					evidence-based practice approach to patient care?				
2008	---	---	---	Sociology	Breast augmentation today: saline versus silicone--what are the facts?	Chile	Prado A, Andrades P.	Surgery	Plast Reconstr Surg. 2008 Oct;122(4):1287-8.
2008	---	---	Material	---	Saline versus silicone for breast augmentation today.	USA	Kelleher JC Jr.	Surgery	Plast Reconstr Surg. 2008 Sep;122(3):990-1.
2008	Complication	---	---	---	Invasive micropapillary carcinomas arising 42 years after augmentation mammoplasty: a case report and literature review.	Japan	Tanaka Y, Morishima I, Kikuchi K.	Surgery	World J Surg Oncol. 2008 Mar 14;6:33.
2009	Complication	---	---	---	Silicone pulmonary embolism: report of 10 cases and review of the literature.	USA	Restrepo CS, et al.	Medical Devices	J Comput Assist Tomogr. 2009 Mar-Apr;33(2):233-7.
2009	Complication	---	---	---	An unusual case of Fever and lymphadenopathy.	UK	Ho J.	Medicine	Acute Med. 2009;8(2):73-4.
2009	Complication	---	---	---	Primary and secondary T-cell lymphomas of the breast: clinico-pathologic features of 11 cases.	Brazil	Gualco G, et al.	Medicine	Appl Immunohistochem Mol Morphol. 2009 Jul;17(4):301-6.
2009	Complication	Technique	---	---	Ectodermal dysplasia with amastia: a case of one-step reconstruction.	Italy	Klinger M, et al.	Medicine	Case Rep Med. 2009;2009:927354.
2009	---	---	Bleeding/Migration	---	Silicone migration to the contralateral axillary lymph nodes and breast after highly cohesive silicone gel implant failure: a case report.	France	Kaufman GJ, et al.	Medicine	Cases J. 2009 Mar 10;2:6420.
2009	---	Technique	Design	History	Post-mastectomy breast reconstruction: a history in evolution.	Australia	Rozen WM, et al.	Medicine	Clin Breast Cancer. 2009 Aug;9(3):145-54.
2009	---	---	Rupture	---	Silicone breast implant rupture presenting as bilateral leg nodules.	Israel	Sagi L, et al.	Medicine	Clin Exp Dermatol. 2009 Jul;34(5):e99-101.
2009	---	Diagnosis	---	---	Diagnosis of breast cancer at dynamic MRI in patients with breast augmentation by paraffin or silicone injection.	Korea	Youk JH, et al.	Medicine	Clin Radiol. 2009 Dec;64(12):1175-80.
2009	Complication	---	---	---	A rare case of silicone mammary implant infection by Streptomyces spp. in a patient with breast reconstruction after mastectomy: taxonomic characterization using molecular techniques.	Spain	Manteca A, et al.	Medicine	Diagn Microbiol Infect Dis. 2009 Apr;63(4):390-3.
2009	Complication	---	---	---	Primary anaplastic large cell lymphoma of the breast arising in reconstruction mammoplasty capsule of saline filled breast implant after radical mastectomy for breast cancer: an unusual case presentation.	Canada	Bishara MR, Ross C, Sur M.	Medicine	Diagn Pathol. 2009 Apr 2;4:11.
2009	---	QoL	---	---	Experiences in the provision, fitting and supply of external breast prostheses: findings from a national survey.	Ireland	Gallagher P, et al.	Medicine	Eur J Cancer Care (Engl). 2009 Nov;18(6):556-68.
2009	Causal Relation	---	---	---	Do biomaterials cause implant-associated mesenchymal tumors of the breast? Analysis of 8 new cases and review of the literature.	USA	Balzer BL, Weiss SW.	Medicine	Hum Pathol. 2009 Nov;40(11):1564-70.
2009	Complication	---	---	---	Silicone implant and primary breast ALK1-negative anaplastic large cell lymphoma, fact or fiction?	USA	Li S, Lee AK.	Medicine	Int J Clin Exp Pathol. 2009 Oct 15;3(1):117-27.
2009	Complication	---	---	---	Axillary silicone lymphadenopathy presenting with a lump and altered sensation in the breast: a case report.	UK	Adams ST, Cox J, Rao GS.	Medicine	J Med Case Rep. 2009 Mar 10;3:6442.

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2009	Causal Relation	---	Bleeding/Migration	---	Experimental analysis of silicone leakage.	Japan	Chin T, et al.	Medicine	J Nippon Med Sch. 2009 Apr;76(2):109-12.
2009	Complication	---	---	---	Silicone breast implants and anaplastic large T-cell lymphoma.	Netherlands	van der Veldt AA, et al.	Medicine	JAMA. 2009 Mar 25;301(12):1227; author reply 1227.
2009	Complication	Diagnosis	---	---	A false positive F-FDG PET/CT scan caused by breast silicone injection.	Taiwan	Chen CJ, et al.	Medicine	Korean J Radiol. 2009 Mar-Apr;10(2):194-6.
2009	Complication	---	---	---	Angiosarcoma of the breast with silicone granuloma: a case report.	Japan	Takenaka M, et al.	Medicine	Kurume Med J. 2009;56(1-2):33-7.
2009	Causal Relation	---	---	Regulation/Sociology	Silicone breast implantation-induced scleroderma: description of four patients and a critical review of the literature.	Israel	Levy Y, et al.	Medicine	Lupus. 2009 Nov;18(13):1226-32.
2009	---	Technique	---	---	Breast reconstruction after breast-cancer surgery.	USA	Vasey FB, Ricca L.	Medicine	N Engl J Med. 2009 Jan 22;360(4):419-20; author reply 420-1.
2009	Risk/Safety	Diagnosis	---	---	Should screening MRI be included in surveillance for patients treated with breast-conserving therapy?	USA	Rebner M, Grills I, Vicini F.	Medicine	Nat Clin Pract Oncol. 2009 Jan;6(1):8-9.
2009	Experience	Experience	---	---	[The usage of silicone breast implants in the women bodybuilder].	Poland	Pupka A, et al.	Medicine	Polim Med. 2009;39(2):65-9.
2009	Causal Relation	---	---	---	Multicenter study to assess potential hazards from exposure to lipid peroxidation products in soya bean oil from Trilucent breast implants.	USA	Williams GM, et al.	Medicine	Regul Toxicol Pharmacol. 2009 Mar;53(2):107-20.
2009	Risk/Safety	---	---	---	Platinum group elements in the environment: emissions and exposure.	Poland	Dubiella- et al.	Medicine	Rev Environ Contam Toxicol. 2009;199:111-35.
2009	Causal Relation	---	Rupture	---	[Asymptomatic siliconoma after prosthesis rupture: portrayal using elastography].	Germany	Adamietz B, et al.	Medicine	Rofo. 2009 Apr;181(4):385-6.
2009	---	Treatment	---	---	Evaluation of low intensity laser's action on silicone mammary implant pseudocapsules in rats.	Brazil	Palhares A, et al.	Surgery	Acta Cir Bras. 2009 Jan-Feb;24(1):7-12.
2009	Complication	---	Surface Type	---	Healing reaction to mammary prostheses covered by textured silicone and silicone foam in rats.	Brazil	Balderrama CM, et al.	Surgery	Acta Cir Bras. 2009 Sep-Oct;24(5):367-76.
2009	---	Diagnosis	---	---	Calculation of silicone breast implant volumes using breast magnetic resonance imaging.	USA	Rudolph R, Forcier N.	Surgery	Aesthet Surg J. 2009 Jul-Aug;29(4):310-3.
2009	Complication	---	---	---	Severe allergic reaction to Dermabond.	USA	Perry AW, Sosin M.	Surgery	Aesthet Surg J. 2009 Jul-Aug;29(4):314-6.
2009	Complication	---	---	---	Chyle leak after breast augmentation.	Australia	Tam D, Scamp T, Tan J.	Surgery	Aesthet Surg J. 2009 Mar-Apr;29(2):113-5.
2009	Complication	---	---	---	Primary breast augmentation today: a survey of current breast augmentation practice patterns.	USA	Reece EM, et al.	Surgery	Aesthet Surg J. 2009 Mar-Apr;29(2):116-21.
2009	Complication	---	---	---	Mondor disease: a case report and review of the literature.	UK	Khan UD.	Surgery	Aesthet Surg J. 2009 May-Jun;29(3):209-12.
2009	Experience	Experience	---	---	Use of the acellular dermal matrix in revisionary aesthetic breast surgery.	USA	Maxwell GP, Gabriel A.	Surgery	Aesthet Surg J. 2009 Nov-Dec;29(6):485-93.
2009	Complication	Technique	Bleeding/Migration	---	Efficacy of neopeectoral pocket in revisionary breast surgery.	USA	Maxwell GP, Birchenough SA, Gabriel A.	Surgery	Aesthet Surg J. 2009 Sep-Oct;29(5):379-85.

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2009	Complication	---	---	---	Zero breast implant infection rate and 0.05% hematoma rate following 1720 silicone implant placements for primary breast augmentation: surgical technique or surgeon luck?	UK	Keramidas E.	Surgery	Aesthetic Plast Surg. 2009 Jan;33(1):123-4.
2009	---	Treatment	---	---	Management of tuberous breast deformity with anatomic cohesive silicone gel breast implants.	Canada	Panchapakesan V, Brown MH.	Surgery	Aesthetic Plast Surg. 2009 Jan;33(1):49-53.
2009	---	---	---	Sociology	Patient retention and replacement trends after saline breast implants: are deflations inflationary?	USA	Stevens WG, et al.	Surgery	Aesthetic Plast Surg. 2009 Jan;33(1):54-7.
2009	Complication	Treatment	---	---	Zafirlukast pocket delivery impairs the capsule healing around textured implants in rats.	Brazil	Moreira M, et al.	Surgery	Aesthetic Plast Surg. 2009 Jan;33(1):90-7.
2009	Complication	---	Surface Type	---	Effect of tissue inhibitors of metalloproteinases and matrix metalloproteinases on capsular formation around smooth and textured silicone gel implants.	Germany	Ulrich D, et al.	Surgery	Aesthetic Plast Surg. 2009 Jul;33(4):555-62.
2009	---	Technique	---	---	Body shaping and volume restoration: the role of hyaluronic acid.	Sweden	Hedén P, et al.	Surgery	Aesthetic Plast Surg. 2009 May;33(3):274-82.
2009	Experience	Experience	---	---	Long-term safety and effectiveness of style 410 highly cohesive silicone breast implants.	Sweden	Hedén P, et al.	Surgery	Aesthetic Plast Surg. 2009 May;33(3):430-6; discussion 437-8.
2009	Experience	Experience	---	---	Safety and effectiveness of Mentor's MemoryGel implants at 6 years.	USA	Cunningham B, McCue J.	Surgery	Aesthetic Plast Surg. 2009 May;33(3):440-4.
2009	---	Technique	---	---	Abdominal fascial flaps for providing total implant coverage in one-stage breast reconstruction: an autologous solution.	Turkey	Isken T, et al.	Surgery	Aesthetic Plast Surg. 2009 Nov;33(6):853-8.
2009	---	---	Design	---	Round gel breast implants or anatomic gel breast implants: which is the best choice?	Mexico	Cárdenas-Camarena L, Encinas-Brambila J.	Surgery	Aesthetic Plast Surg. 2009 Sep;33(5):743-51.
2009	Complication	Technique	---	---	Transaxillary breast augmentation: a prospective comparison of subglandular, subfascial, and submuscular implant insertion.	Brazil	Pereira LH, Sterodimas A.	Surgery	Aesthetic Plast Surg. 2009 Sep;33(5):752-9.
2009	Clinical Study	Clinical Study	---	Sociology	A prospective, multi-center study of psychosocial outcomes after augmentation with natrelle silicone-filled breast implants.	USA	Murphy DK, Beckstrand M, Sarwer DB.	Surgery	Ann Plast Surg. 2009 Feb;62(2):118-21.
2009	Complication	---	---	---	Contralateral internal mammary silicone lymphadenopathy imitates breast cancer metastasis.	Israel	Gil T, et al.	Surgery	Ann Plast Surg. 2009 Jul;63(1):39-41.
2009	---	Diagnosis	---	---	3D analysis of breast augmentation defines operative changes and their relationship to implant dimensions.	USA	Tepper OM, et al.	Surgery	Ann Plast Surg. 2009 May;62(5):570-5.
2009	---	Diagnosis	Surface Type	---	Textured and smooth breast implants: is there a difference in the chemical structure of silicone?: an analysis with fourier transformation infrared and attenuated total reflectance spectroscopy.	Italy	Persichetti P, et al.	Surgery	Ann Plast Surg. 2009 Oct;63(4):373-7.

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2009	Causal Relation	---	Rupture	---	Intrapulmonary and cutaneous siliconomas after silent silicone breast implant failure.	Germany	Dragu A, et al.	Surgery	Breast J. 2009 Sep-Oct;15(5):496-9.
2009	Complication	---	---	---	Complications from injectable materials used for breast augmentation.	Canada	Peters W, Fornasier V.	Surgery	Can J Plast Surg. 2009 Fall;17(3):89-96.
2009	---	Technique	---	---	Removal of silicone breast implants and review of literature.	Canada	Bell MS, et al.	Surgery	Can J Plast Surg. 2009 Winter;17(4):e48-9.
2009	Causal Relation	---	---	---	[Silicone-induced lymphadenitis: a possible false positive of malignancy].	Spain	Torres Gómez FJ, et al.	Surgery	Cir Esp. 2009 Jul;86(1):53-4.
2009	---	QoL	Design	---	The evolution of breast implants.	USA	Maxwell GP, Gabriel A.	Surgery	Clin Plast Surg. 2009 Jan;36(1):1-13, v.
2009	---	---	---	History	History of breast implants and the food and drug administration.	USA	Spear SL, et al.	Surgery	Clin Plast Surg. 2009 Jan;36(1):15-21, v.
2009	---	QoL	---	---	The anatomy of revisions after primary breast augmentation: one surgeon's perspective.	USA	Spear SL, Dayan JH, West J.	Surgery	Clin Plast Surg. 2009 Jan;36(1):157-65, viii.
2009	Risk/Safety	Technique	---	---	Possible future development of implants and breast augmentation.	USA	Maxwell GP, Gabriel A.	Surgery	Clin Plast Surg. 2009 Jan;36(1):167-72, viii.
2009	Complication	Technique	---	---	The transaxillary approach to breast augmentation.	USA	Pacella SJ, Codner MA.	Surgery	Clin Plast Surg. 2009 Jan;36(1):49-61, vi.
2009	---	Technique	---	---	Form-stable silicone gel breast implants.	USA	Jewell M.	Surgery	Clin Plast Surg. 2009 Jan;36(1):75-89, vi.
2009	---	Diagnosis	Surface Type	---	Current implant surface technology: an examination of their nanostructure and their influence on fibroblast alignment and biocompatibility.	UK	Barr S, Hill E, Bayat A.	Surgery	Eplasty. 2009 Jun 16;9:e22.
2009	---	Technique	---	---	Immediate breast tissue expander-implant reconstruction with inferolateral AlloDerm hammock and postoperative radiation: a preliminary report.	USA	Breuing KH, Colwell AS.	Surgery	Eplasty. 2009 May 15;9:e16.
2009	---	Technique	---	---	AlloDerm Sling for Correction of Synmastia After Immediate, Tissue Expander, Breast Reconstruction in Thin Women.	Israel	Grabov-Nardini G, et al.	Surgery	Eplasty. 2009 Nov 12;9:e54.
2009	---	Technology	---	---	Antimicrobial coating agents: can biofilm formation on a breast implant be prevented?	South Africa	van Heerden J, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2009 May;62(5):610-7.
2009	Complication	Technique	Bleeding/Migration	---	Transaxillary dual-plane augmentation mammoplasty: experience with 98 breasts.	China	Luan J, Mu D, Mu L.	Surgery	J Plast Reconstr Aesthet Surg. 2009 Nov;62(11):1459-63.
2009	Experience	Experience	---	---	DIEP flap with implant: a further option in optimising breast reconstruction.	UK	Figus A, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2009 Sep;62(9):1118-26.
2009	Causal Relation	---	---	---	[Human adjuvant disease which developed after silicone augmentation mammoplasty].	Japan	Muramatsu Y, et al.	Surgery	Nihon Kokyuki Gakkai Zasshi. 2009 Mar;47(3):237-41.
2009	---	Technique	---	---	Breast reconstruction using tissue expander and TRAM flap with vascular enhancement procedures.	Japan	Kajikawa A, et al.	Surgery	Plast Reconstr Surg. 2009 Sep;62(9):1148-53.
2009	---	Technique	---	---	Expander/implant reconstruction with AlloDerm: recent experience.	USA	Namnoum JD.	Surgery	Plast Reconstr Surg. 2009 Aug;124(2):387-94.
2009	---	Technique	---	---	Additional uses for a barrier drape in breast implant surgery.	USA	Bengtson BP.	Surgery	Plast Reconstr Surg. 2009 Feb;123(2):76e-77e.

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2009	---	Treatment	---	---	The connexin43 carboxyl-terminal peptide ACT1 modulates the biological response to silicone implants.	USA	Soder BL, et al.	Surgery	Plast Reconstr Surg. 2009 May;123(5):1440-51.
2009	Complication	---	---	---	Breast implant in complex lymphatic malformation.	Spain	Berenguer B, et al.	Surgery	Plast Reconstr Surg. 2009 Nov;124(5):262e-3e.
2009	---	Treatment	---	---	Botulinum toxin type A infiltration for pain control after breast augmentation.	China	Zhibo X, Miaobo Z.	Surgery	Plast Reconstr Surg. 2009 Nov;124(5):263e-4e.
2009	---	Technique	---	---	A new concept: biological barrier between raw wound area and silicone implants.	Turkey	Uzunismail A, Cihandide E.	Surgery	Plast Reconstr Surg. 2009 Oct;124(4):1368-9; author reply 1369-70.
2009	---	Technique	---	---	Augmentation mammoplasty in asian women.	China	Cheng MH, Huang JJ.	Surgery	Semin Plast Surg. 2009 Feb;23(1):48-54.
2009	Complication	Technique	---	---	[Transaxillary dual-plane breast augmentation with endoscope assistant].	China	Luan J, et al.	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2009 May;25(3):175-7.
2010	---	Diagnosis	---	---	Clinical and imaging characteristics of Polyimplant Prosthesis hydrogel breast implants.	Korea	Choi JJ, et al.	Medical Devices	J Comput Assist Tomogr. 2010 May-Jun;34(3):449-55.
2010	---	Diagnosis	---	---	MRI-based breast volumetry-evaluation of three different software solutions.	Germany	Herold C, et al.	Medical Devices	J Digit Imaging. 2010 Oct;23(5):603-10.
2010	Risk/Safety	QoL	---	---	Patient satisfaction with postmastectomy breast reconstruction: a comparison of saline and silicone implants.	USA	McCarthy CM, et al.	Medicine	Cancer. 2010 Dec 15;116(24):5584-91.
2010	---	---	Surface Type	---	Controlling cellular activity by manipulating silicone surface roughness.	Ireland	Prasad BR, et al.	Medicine	Colloids Surf B Biointerfaces. 2010 Jul 1;78(2):237-42.
2010	Complication	---	---	---	Silicone in HIV-1-infected patients: a cause of misdiagnosed granulomatous disease.	France	Males S, et al.	Medicine	Int J Infect Dis. 2010 Sep;14 Suppl 3:e277-9.
2010	Causal Relation	---	Rupture	---	Pneumonitis caused by silicone gel following breast implant rupture.	Spain	Paredes Vila S, et al.	Medicine	Ir J Med Sci. 2010 Mar;179(1):141-5.
2010	---	Diagnosis	---	---	Breast phantom with silicone implant for evaluation in conventional mammography.	Brazil	Silva FA, et al.	Medicine	J Appl Clin Med Phys. 2010 Sep 20;12(1):3340.
2010	Experience	Experience	---	---	Enfuvirtide administration in HIV-positive transgender patient with soft tissue augmentation: US evaluation.	Italy	Gabrielli E, et al.	Medicine	New Microbiol. 2010 Jul;33(3):263-5.
2010	Causal Relation	---	---	---	Breast augmentation.	USA	Pelosi MA 3rd, Pelosi MA 2nd.	Medicine	Obstet Gynecol Clin North Am. 2010 Dec;37(4):533-46, viii.
2010	Complication	---	---	---	The effect of liposome-delivered prednisolone on collagen density, myofibroblasts, and fibrous capsule thickness around silicone breast implants in rats.	Brazil	Moreira M, et al.	Medicine	Wound Repair Regen. 2010 Jul-Aug;18(4):417-25.
2010	---	Treatment	---	---	The effects of copper additives on the quantity and cell viability of adherent Staphylococcus epidermidis in silicone implants.	Germany	Gosau M, et al..	Science	Biofouling. 2010 Apr;26(3):359-65.
2010	Complication	---	---	---	Investigative study of myofibroblasts and cytokines in peri-implant tissue of silicone breast expander by rt-PCR in a rat model.	India	Joseph J, Mohanty M, Mohanan PV.	Science	J Biomater Sci Polym Ed. 2010;21(10):1389-402.
2010	---	---	---	Sociolo	Silicone breast implant litigation.	USA	Schleiter KE.	Sociolog	Virtual Mentor. 2010 May

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				gy				y	1;12(5):389-94.
2010	Experience	Experience	---	---	A comparison of outcomes involving highly cohesive, form-stable breast implants from two manufacturers in patients undergoing primary breast augmentation.	USA	Jewell ML, Jewell JL.	Surgery	Aesthet Surg J. 2010 Jan;30(1):51-65.
2010	Complication	---	Material	---	Breast implants: saline or silicone?	USA	Spear SL, Jespersen MR.	Surgery	Aesthet Surg J. 2010 Jul-Aug;30(4):557-70.
2010	Complication	---	---	Regulation/Sociology	Contemporary decision making and perception in patients undergoing cosmetic breast augmentation.	USA	Walden JL, Panagopoulous G, Shrader SW.	Surgery	Aesthet Surg J. 2010 May-Jun;30(3):395-403.
2010	Experience	Experience	---	---	Aesthetic reconstruction of the tuberous breast deformity: a 10-year experience.	Greece	Mandrekas AD, Zambacos GJ.	Surgery	Aesthet Surg J. 2010 Sep;30(5):680-92.
2010	Clinical Study	Clinical Study	---	---	A prospective study of 708 form-stable silicone gel breast implants.	USA	Stevens WG, et al.	Surgery	Aesthet Surg J. 2010 Sep;30(5):693-701.
2010	---	Technique	---	---	Transaxillary endoscopic silicone gel breast augmentation.	USA	Strock LL.	Surgery	Aesthet Surg J. 2010 Sep;30(5):745-55.
2010	Causal Relation	Treatment	---	---	Effect of the inhibitor peptide of the transforming growth factor beta (p144) in a new silicone pericapsular fibrotic model in pigs.	Spain	San-Martín A, et al.	Surgery	Aesthetic Plast Surg. 2010 Aug;34(4):430-7.
2010	Complication	---	---	---	Histological features of periprosthetic mammary capsules: silicone vs. polyurethane.	Italy	Bassetto F, et al.	Surgery	Aesthetic Plast Surg. 2010 Aug;34(4):481-5.
2010	Complication	Technique	---	---	Secondary breast augmentation: managing each case.	Spain	de Benito J, Sanchez K.	Surgery	Aesthetic Plast Surg. 2010 Dec;34(6):691-700.
2010	Causal Relation	---	---	---	Myofibroblasts and capsular tissue tension in breast capsular contracture.	Korea	Hwang K, et al.	Surgery	Aesthetic Plast Surg. 2010 Dec;34(6):716-21.
2010	Complication	Treatment	---	---	Capsular flaps for the management of malpositioned implants after augmentation mammoplasty.	Korea	Yoo G, Lee PK.	Surgery	Aesthetic Plast Surg. 2010 Feb;34(1):111-5.
2010	Experience	Experience	---	---	Review of 1,447 breast augmentation patients using PERTHESE silicone implants.	Brazil	Psillakis JM, et al.	Surgery	Aesthetic Plast Surg. 2010 Feb;34(1):11-5.
2010	Complication	Treatment	---	---	Autologous fat transplantation and delayed silicone implant insertion in a case of Mycobacterium avium breast infection.	Brazil	Pereira LH, Sterodimas A.	Surgery	Aesthetic Plast Surg. 2010 Feb;34(1):1-4.
2010	Complication	Technique	---	Regulation/Sociology	Breast implant stability in the subfascial plane and the new shaped silicone gel breast implants.	Brazil	Sampaio Góes JC.	Surgery	Aesthetic Plast Surg. 2010 Feb;34(1):23-28.
2010	---	Technique	---	---	Can the pectoral fascia integrity be preserved during subfascial breast augmentation through the axillary approach?	China	Jinde L, et al.	Surgery	Aesthetic Plast Surg. 2010 Feb;34(1):29-32.
2010	Complication	Technique	---	---	Simultaneous augmentation and periareolar mastopexy: selecting the correct implant.	Argentina	Rancati A, Nava M, Tessari L.	Surgery	Aesthetic Plast Surg. 2010 Feb;34(1):33-9; discussion 40-1.
2010	Complication	Treatment	---	---	Breast augmentation, antibiotic prophylaxis, and infection: comparative analysis of 1,628 primary augmentation mammoplasties assessing the role and efficacy of antibiotics prophylaxis duration.	UK	Khan UD.	Surgery	Aesthetic Plast Surg. 2010 Feb;34(1):42-7.

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2010	Risk/Safety	---	---	---	Is breast augmentation using hyaluronic acid safe?	Australia	McCleave MJ.	Surgery	Aesthetic Plast Surg. 2010 Feb;34(1):65-8; discussion 69-70.
2010	---	Technique	---	---	Skin-reducing subcutaneous mastectomy using a dermal barrier flap and immediate breast reconstruction with an implant: a new surgical design for reconstruction of early-stage breast cancer.	Turkey	Bayram Y, et al.	Surgery	Aesthetic Plast Surg. 2010 Feb;34(1):71-7
2010	Causal Relation	---	---	---	Breast prostheses and connective tissue disease (CTD): myth or reality?	Italy	Bassetto F, et al.	Surgery	Aesthetic Plast Surg. 2010 Jun;34(3):257-63.
2010	---	Technique	---	---	Aesthetic breast augmentation and thoracic deformities.	Germany	Wolter TP, et al.	Surgery	Aesthetic Plast Surg. 2010 Oct;34(5):612-6.
2010	---	Technique	---	---	Aesthetic improvements in Poland's syndrome treatment with omentum flap.	Brazil	dos Santos Costa S, et al.	Surgery	Aesthetic Plast Surg. 2010 Oct;34(5):634-9.
2010	Complication	---	---	---	Lymphoma of the breast capsule in a silicone implant-reconstructed patient.	USA	Do V, et al.	Surgery	Am Surg. 2010 Sep;76(9):1030-1.
2010	Experience	Experience	---	---	[Correction of breast Poland's anomalies. About eight cases and literature review].	France	Fekih M, et al.	Surgery	Ann Chir Plast Esthet. 2010 Jun;55(3):211-8.
2010	Complication	---	---	---	[Siliconoma mimicking pectoral tumor: About one case report].	France	Nicolet G, et al.	Surgery	Ann Chir Plast Esthet. 2010 Jun;55(3):249-51.
2010	Experience	Experience	---	---	Double breast contour in primary aesthetic breast augmentation: incidence, prevention and treatment.	France	Médard de Chardon V, et al.	Surgery	Ann Plast Surg. 2010 Apr;64(4):390-6.
2010	---	Treatment	---	---	Efficacy of antiadhesion barrier solution on periimplant capsule formation in a white rat model.	Korea	Lew DH, et al.	Surgery	Ann Plast Surg. 2010 Aug;65(2):254-8.
2010	Complication	---	Surface Type	---	Phosphorylcholine-coated silicone implants: effect on inflammatory response and fibrous capsule formation.	Germany	Zeplin PH, Larena-Avellana A, et al.	Surgery	Ann Plast Surg. 2010 Dec;65(6):560-4.
2010	Experience	Experience	---	---	Use of pectoralis major with or without pectoralis minor muscle flap to fill lumpectomy in the breast.	India	Manaswi A, Mehrotra N.	Surgery	Ann Plast Surg. 2010 Jul;65(1):23-7.
2010	---	---	Bleeding/Migration	---	Image of the month. Leakage of silicone gel implant.	USA	Wassef SN, Chiu ES, Alabbas HH, Kandil E.	Surgery	Arch Surg. 2010 May;145(5):497-8.
2010	Causal Relation	---	Surface Type	---	Patterning of novel breast implant surfaces by enhancing silicone biocompatibility, using biomimetic topographies.	UK	Barr S, Hill E, Bayat A.	Surgery	Eplasty. 2010 Apr 26;10:e31.
2010	---	Diagnosis	---	---	[The use of mamma MRI volumetry to evaluate the rate of fat survival after autologous lipotransfer].	Germany	Herold C, et al.	Surgery	Handchir Mikrochir Plast Chir. 2010 Apr;42(2):129-34.
2010	Causal Relation	---	Rupture	---	Axillary silicone lymphadenopathy secondary to augmentation mammoplasty.	Greece	Dragoumis DM, et al.	Surgery	Indian J Plast Surg. 2010 Jul;43(2):206-9.
2010	Complication	---	---	---	Squamous metaplasia on the breast implant capsule.	Chile	Alikhan MB, et al.	Surgery	Int J Surg Pathol. 2010 Dec;18(6):570-4.
2010	---	Technique	Rupture	---	The barrel-suction method for silicone gel removal from ruptured breast implants.	Israel	Hajdu SD, Vercler CJ, Tobias AM.	Surgery	J Plast Reconstr Aesthet Surg. 2010 Dec;63(12):2197-8.
2010	---	Treatment	---	---	Desmoid tumour of the breast.	UK	Chummun S, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2010 Feb;63(2):339-45.
2010	---	Technique	---	---	Implant augmentation after perforator	Singapor	Chia HL, et al.	Surgery	J Plast Reconstr Aesthet

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		ue			flap breast reconstruction.	e			Surg. 2010 Feb;63(2):e172-3.
2010	---	QoL	---	---	Immediate breast reconstruction with latissimus dorsi flap and implant: audit of outcomes and patient satisfaction survey.	UK	Venus MR, Prinsloo DJ.	Surgery	J Plast Reconstr Aesthet Surg. 2010 Jan;63(1):101-5.
2010	---	Treatment	---	---	A peculiar case of spontaneous bilateral mammary implant capsule detachment.	Italy	Di Benedetto G, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2010 Jul;63(7):e598-9.
2010	Clinical Study	Clinical Study	---	---	Immediate breast reconstruction in the elderly: can it be considered an integral step of breast cancer treatment? The experience of the European Institute of Oncology, Milan.	Italy	De Lorenzi F, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2010 Mar;63(3):511-5.
2010	Complication	---	---	---	A case of toxic shock syndrome following a DIEP breast reconstruction.	UK	Tare M, Durcan J, Niranjan N.	Surgery	J Plast Reconstr Aesthet Surg. 2010 Mar;63(3):e261-2.
2010	Experience	Experience	---	---	Breast augmentation: Part I--A review of the silicone prosthesis.	UK	Berry MG, Davies DM.	Surgery	J Plast Reconstr Aesthet Surg. 2010 Nov;63(11):1761-8.
2010	---	Technique	---	---	[The breast augmentation using original method of submuscular placement of implants].	Ukraine	Pinchuk VD, Tkach OS.	Surgery	Klin Khir. 2010 May;(5):51-4.
2010	Complication	---	---	---	Late seroma formation after breast surgery with textured silicone implants: a problem worth bearing in mind.	Italy	Mazzocchi M, et al.	Surgery	Plast Reconstr Surg. 2010 Apr;125(4):176e-177e.
2010	---	Technique	Rupture	---	Removing highly cohesive silicone gel after breast implant rupture: an in vitro study.	Israel	Meshulam-Derazon S, et al.	Surgery	Plast Reconstr Surg. 2010 Aug;126(2):93e-4e.
2010	Causal Relation	---	---	---	Vascular endothelial growth factor overexpression positively modulates the characteristics of periprosthetic tissue of polyurethane-coated silicone breast implant in rats.	Brazil	Vieira VJ, et al.	Surgery	Plast Reconstr Surg. 2010 Dec;126(6):1899-910.
2010	Complication	---	Material	---	Capsular contracture with breast implants in the cosmetic patient: saline versus silicone--a systematic review of the literature.	USA	Schaub TA, Ahmad J, Rohrich RJ.	Surgery	Plast Reconstr Surg. 2010 Dec;126(6):2140-9.
2010	---	Technique	---	---	Mastectomy, nipple-areola preservation, and immediate implant reconstruction: are total and partial muscle coverage techniques aesthetically equivalent?	USA	Nahabedian MY.	Surgery	Plast Reconstr Surg. 2010 Dec;126(6):319e-320e.
2010	Causal Relation	---	---	---	A novel antibacterial silicone implant material with short- and long-term release of copper ions.	Germany	Prantl L, et al.	Surgery	Plast Reconstr Surg. 2010 Feb;125(2):78e-80e.
2010	Complication	Technique	---	---	Fat grafting in postmastectomy breast reconstruction with expanders and prostheses in patients who have received radiotherapy: formation of new subcutaneous tissue.	Spain	Serra-Renom JM, Muñoz-Olmo JL, Serra-Mestre JM.	Surgery	Plast Reconstr Surg. 2010 Jan;125(1):12-8.
2010	Complication	Technique	---	---	Difficulties with subpectoral augmentation mammoplasty and its correction: the role of subglandular site change in revision aesthetic breast	USA	Lesavoy MA, Trussler AP, Dickinson BP.	Surgery	Plast Reconstr Surg. 2010 Jan;125(1):363-71.

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					surgery.				
2010	Complication	---	---	---	Malrotation of the McGhan Style 510 prosthesis.	Netherlands	Schots JM, et al.	Surgery	Plast Reconstr Surg. 2010 Jul;126(1):261-5.
2010	Complication	---	Surface Type	---	Surface modification of silicone breast implants by binding the antifibrotic drug halofuginone reduces capsular fibrosis.	Germany	Zeplin PH, Larena-Avellana A, Schmidt K.	Surgery	Plast Reconstr Surg. 2010 Jul;126(1):266-74.
2010	Complication	Technique	---	---	Immediate breast reconstruction with direct, anatomic, gel-cohesive, extra-projection prosthesis: 400 cases.	Spain	Delgado JF, et al.	Surgery	Plast Reconstr Surg. 2010 Jun;125(6):1599-605.
2010	---	Diagnosis	---	---	Preoperative sizing in breast augmentation.	USA	Hidalgo DA, Spector JA.	Surgery	Plast Reconstr Surg. 2010 Jun;125(6):1781-7.
2010	Experience	Experience	---	---	The first silicone breast implant patient: a 47-year follow-up.	USA	Momoh AO, et al.	Surgery	Plast Reconstr Surg. 2010 Jun;125(6):226e-9e.
2010	---	QoL	---	---	Patient satisfaction and health-related quality of life following breast reconstruction: patient-reported outcomes among saline and silicone implant recipients.	Canada	Macadam SA, et al.	Surgery	Plast Reconstr Surg. 2010 Mar;125(3):761-71.
2010	---	Diagnosis	Rupture	---	Capsular contracture and possible implant rupture: is magnetic resonance imaging useful?	USA	Paetau AA, et al.	Surgery	Plast Reconstr Surg. 2010 Mar;125(3):830-5.
2010	Causal Relation	---	---	---	A novel animal model for studying silicone gel-related capsular contracture.	USA	Katzel EB, et al.	Surgery	Plast Reconstr Surg. 2010 Nov;126(5):1483-91.
2010	---	Technique	---	---	Breast cerebrospinal fluid after ventriculoperitoneal shunt placement.	USA	Patel KB, et al.	Surgery	Plast Reconstr Surg. 2010 Nov;126(5):261e-262e.
2010	Causal Relation	---	---	---	Long-term follow-up of breast capsule contracture rates in cosmetic and reconstructive cases.	Portugal	Marques M, et al.	Surgery	Plast Reconstr Surg. 2010 Sep;126(3):769-78.
2010	---	QoL	---	---	Quality of life after breast reconstruction: comparison of three methods.	Norway	Kalaaji A, Bruheim M.	Surgery	Scand J Plast Reconstr Surg Hand Surg. 2010 Jun;44(3):140-5.
2010	Complication	---	---	---	Early complications after nipple-sparing mastectomy and immediate breast reconstruction with silicone prosthesis: results of 214 procedures.	Serbia	Radovanovic Z, et al.	Surgery	Scand J Surg. 2010;99(3):115-8.
2011	Complication	---	Rupture	---	Siliconomas mimicking cancer.	Israel	Grubstein A, et al.	Medical Devices	Clin Imaging. 2011 May-Jun;35(3):228-31.
2011	---	Diagnosis	Rupture	---	Imaging of breast implants-a pictorial review.	Spain	Juanpere S, et al.	Medical Devices	Insights Imaging. 2011 Dec;2(6):653-670.
2011	Causal Relation	---	---	Epidemiology	Prosthetic mammoplasty sensitivity syndrome: a case for causation.	USA	Audino SA, Maharaj SV.	Medical Devices	J Long Term Eff Med Implants. 2011;21(3):241-50.
2011	Complication	Technique	---	---	The augmented breast: a pictorial review of the abnormal and unusual.	Canada	Yang N, Muradali D.	Medicine	AJR Am J Roentgenol. 2011 Apr;196(4):W451-60.
2011	Complication	Technique	---	---	Challenges in mammography: part 2, multimodality review of breast augmentation--imaging findings and complications.	USA	Venkataraman S, Hines N, Slanetz PJ.	Medicine	AJR Am J Roentgenol. 2011 Dec;197(6):W1031-45.
2011	Complication	---	---	---	Hard, pink nodules on the upper extremities. Peripheral siliconomas.	USA	Fernandez KH, et al.	Medicine	Arch Dermatol. 2011 Oct;147(10):1215-20.
2011	---	Technique	---	Sociology	Female plastic and reconstructive surgeons' personal decision making for breast cancer treatment and	UK	Al-Benna S.	Medicine	Arch Gynecol Obstet. 2011 Sep;284(3):737-41.

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					reconstruction.				
2011	---	---	---	Regulation/Sociology	UK recommends PIP breast implants should not be removed.	UK	O'Dowd A.	Medicine	BMJ. 2011 Dec 22;343:d8313.
2011	---	---	---	Regulation/Sociology	French women to have PIP breast implants removed for free.	UK	O'Dowd A.	Medicine	BMJ. 2011 Dec 28;343:d8329.
2011	---	---	---	Regulation/Sociology	FDA finds breast implants to be safe but calls for better follow-up.	Germany	Stafford N.	Medicine	BMJ. 2011 Sep 6;343:d5664.
2011	Causal Relation	---	Rupture	---	Cutaneous silicone granuloma mimicking breast cancer after ruptured breast implant.	Denmark	El-Charnoubi WA, et al.	Medicine	Case Rep Dermatol Med. 2011;2011:129138.
2011	---	Treatment	---	---	Controlled release of transforming growth factor-beta receptor kinase inhibitor from thermosensitive Chitosan-based hydrogel: application for prevention of capsular contracture.	China	Diao ZY, et al.	Medicine	Chin Med J (Engl). 2011 Jan;124(2):284-90.
2011	Complication	---	---	---	ALK-1-negative anaplastic large cell lymphoma associated with breast implants: a new clinical entity.	Italy	Lazzeri D, et al.	Medicine	Clin Breast Cancer. 2011 Oct;11(5):283-96.
2011	Complication	---	---	Regulation/Sociology	Silicone and autoimmunity.	Israel	Hajdu SD, Agmon-Levin N, Shoenfeld Y.	Medicine	Eur J Clin Invest. 2011 Feb;41(2):203-11.
2011	---	Treatment	---	---	Dose perturbation in the radiotherapy of breast cancer patients implanted with the Magna-Site: a Monte Carlo study.	Greece	Chatzigiannis C, et al.	Medicine	J Appl Clin Med Phys. 2011 Jan 19;12(2):3295.
2011	---	---	Rupture	---	Failure of silicone gel breast implants: is the mechanical weakening due to shell swelling a significant cause of prostheses rupture?	Italy	Necchi S, et al.	Medicine	J Mech Behav Biomed Mater. 2011 Nov;4(8):2002-8.
2011	Causal Relation	---	Rupture	---	A woman with multiple silicone rupture complicated by inflammatory breast carcinoma.	USA	Collins J.	Medicine	J Natl Med Assoc. 2011 Feb;103(2):163-8.
2011	---	QoL	---	---	Women's quality of life and surgical long-term outcome after breast reconstruction in Poland syndrome patients.	Germany	Papadopulos NA, et al.	Medicine	J Womens Health (Larchmt). 2011 May;20(5):749-56.
2011	Risk/Safety	---	---	Regulation/Sociology	Advocates call for FDA to take tougher stance on postmarket safety studies.	USA	Kuehn BM.	Medicine	JAMA. 2011 Oct 19;306(15):1639-40, 1642.
2011	Complication	---	---	---	Primary anaplastic large-cell lymphoma associated with breast implants.	USA	Popplewell L, et al.	Medicine	Leuk Lymphoma. 2011 Aug;52(8):1481-7.
2011	---	Technique	---	---	A patient-specific FE-based methodology to simulate prosthesis insertion during an augmentation mammoplasty.	Spain	Lapuebla-Ferri A, et al.	Medicine	Med Eng Phys. 2011 Nov;33(9):1094-102.
2011	Complication	---	---	---	The sick building syndrome as a part of the autoimmune (auto-inflammatory) syndrome induced by adjuvants.	Israel	Israeli E, Pardo A.	Medicine	Mod Rheumatol. 2011 Jun;21(3):235-9.
2011	---	Technique	---	---	Computer-aided methods in bespoke breast prosthesis design and fabrication.	UK	Eggbeer D, Evans P.	Medicine	Proc Inst Mech Eng H. 2011 Jan;225(1):94-9.
2011	Complication	---	---	---	An usual cause of 'interstitial' lung disease.	Taiwan	Lin YS, Chen HJ, Tu CY.	Medicine	QJM. 2011 Aug;104(8):717.
2011	Causal	---	---	---	Silicone breast implants and connective	USA	Lipworth L.	Medicine	Semin Immunopathol. 2011

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	Relation				tissue disease: no association.		Holmich LR, McLaughlin JK.		May;33(3):287-94.
2011	---	Technique	---	---	[Results of single-stage reconstructive surgery in breast cancer patients (a report of 1143 cases)].	Russia	Pak DD, Rasskazova EA.	Medicine	Vopr Onkol. 2011;57(5):658-63.
2011	Causal Relation	---	---	---	The association of matrix Gla protein isomers with calcification in capsules surrounding silicone breast implants.	USA	Hunter LW, et al.	Science	Biomaterials. 2011 Nov;32(33):8364-73.
2011	Complication	Treatment	---	---	Local delivery of nicotine does not mitigate fibrosis but may lead to angiogenesis.	Canada	Ng KK, et al.	Science	J Biomater Appl. 2011 Sep;26(3):349-58.
2011	---	Technique	---	---	Endoscopically assisted latissimus dorsi flap harvesting and breast reconstruction in young female with Poland syndrome.	Croatia	Veir Z, et al.	Sociology	Coll Antropol. 2011 Dec;35(4):1303-5.
2011	Experience	Experience	---	---	Discussing the advantages of saline and silicone implants in clinical practice.	USA	Dowden RV.	Surgery	Aesthet Surg J. 2011 Feb;31(2):265; author reply 266.
2011	---	Treatment	---	---	Animal model of implant capsular contracture: effects of chitosan.	Portugal	Marques M, et al.	Surgery	Aesthet Surg J. 2011 Jul;31(5):540-50
2011	---	Technique	---	Sociology	The influence of career stage, practice type and location, and physician's sex on surgical practices among board-certified plastic surgeons performing breast augmentation.	USA	Naidu NS, Patrick PA.	Surgery	Aesthet Surg J. 2011 Nov;31(8):941-52.
2011	Complication	Technique	---	---	Transaxillary subpectoral augmentation mammoplasty: a single surgeon's 20-year experience.	Germany	Huang GJ, Wichmann JL, Mills DC.	Surgery	Aesthet Surg J. 2011 Sep;31(7):781-801.
2011	Experience	Experience	---	---	How to perform breast augmentation safely for a pectus excavatum patient.	Israel	Moscona RA, Fodor L.	Surgery	Aesthetic Plast Surg. 2011 Apr;35(2):198-202.
2011	Experience	Experience	---	---	Radiotransparency of polyvinylpyrrolidone-hydrogel and hydrogel breast implants: a quantitative analysis with mastectomy specimens.	Spain	Garcia-Tutor E, et al.	Surgery	Aesthetic Plast Surg. 2011 Apr;35(2):203-10.
2011	---	Diagnosis	---	---	Customized planning of augmentation mammoplasty with silicon implants using three-dimensional optical body scans and biomechanical modeling of soft tissue outcome.	Germany	Gladilin E, et al.	Surgery	Aesthetic Plast Surg. 2011 Aug;35(4):494-501.
2011	---	Technique	---	---	Use of deepithelialized flap in mammoplasties: simple method with excellent results.	Czech	Mestak J, Sukop A, Mestak O.	Surgery	Aesthetic Plast Surg. 2011 Dec;35(6):1106-11.
2011	---	Technique	---	---	Back-to-front flipping of implants following augmentation mammoplasty and the role of physical characteristics in a round cohesive gel silicone breast implant: retrospective analysis of 3458 breast implants by a single surgeon.	UK	Khan UD.	Surgery	Aesthetic Plast Surg. 2011 Feb;35(1):125-8.
2011	---	Technique	---	---	Is hyaluronic acid gel a good option for breast augmentation?	Italy	Goisis M, Savoldi A, Guareschi M.	Surgery	Aesthetic Plast Surg. 2011 Feb;35(1):134-6; author reply 137.
2011	Clinical Study	Clinical Study	Bleeding/ Migration	---	Multicenter study on breast reconstruction outcome using Becker implants.	Italy	Scuderi N, et al.	Surgery	Aesthetic Plast Surg. 2011 Feb;35(1):66-72.
2011	Causal	---	---	---	Galactorrhoea after aesthetic breast	France	Ayestaray B.	Surgery	Aesthetic Plast Surg. 2011

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	Relation				augmentation with silicone implants: report of two cases and management of postoperative galactorrhea.		Dudrap E, Chaibi A.		Jun;35(3):408-13.
2011	---	Treatment	---	---	Can the use of hyaluronidase reduce capsule formation?	Greece	Spyropoulou GA, et al.	Surgery	Aesthetic Plast Surg. 2011 Oct;35(5):782-8.
2011	Causal Relation	---	---	---	Systemic inflammatory reaction after silicone breast implant.	Brazil	Silva MM, et al.	Surgery	Aesthetic Plast Surg. 2011 Oct;35(5):789-94.
2011	Complication	Technique	---	---	Maximizing the use of precapsular space and the choice of implant type in breast augmentation mammoplasty revisions: review of 49 consecutive procedures and patient satisfaction assessment.	Italy	Castello MF, et al.	Surgery	Aesthetic Plast Surg. 2011 Oct;35(5):828-38.
2011	Experience	Experience	---	---	Is expansion of artificial dermis a reliable reconstructive option?	Greece	Tsoutsos D, et al.	Surgery	Ann Burns Fire Disasters. 2011 Dec 31;24(4):214-7.
2011	---	QoL	---	---	[Oncologic, functional, and aesthetics results; evaluation of the quality of life after latissimus dorsi flap breast reconstruction. About a retrospective series of 450 patients].	France	Dejode M, et al.	Surgery	Ann Chir Plast Esthet. 2011 Jun;56(3):207-15.
2011	---	Technique	---	---	Autologous breast augmentation with the deepithelialized fasciocutaneous infragluteal free flap: a 10-year experience.	Austria	Papp C, Windhofer C, Michlits W.	Surgery	Ann Plast Surg. 2011 Jun;66(6):587-92.
2011	Experience	Experience	---	---	Normal Breastfeeding after Breast Reconstruction in a Patient with Poland's Syndrome.	Brazil	Madeira EB, et al.	Surgery	Breast Care (Basel). 2011 Dec;6(6):479-481.
2011	Complication	---	---	---	A Rare Complication Following Breast Implant Surgery: Capsular Contracture with a Cutaneous Silicone Fistula after Breast Reconstruction with Silicone Gel Implants.	Germany	Walgenbach KJ, et al.	Surgery	Breast Care (Basel). 2011;6(1):51-53.
2011	Causal Relation	---	Rupture	---	Mediastinal silicone lymphadenopathy secondary to a ruptured breast implant.	USA	Maricevich M, et al.	Surgery	Breast J. 2011 Nov-Dec;17(6):674-5.
2011	---	Technique	---	---	A new method for using a silicone rod for permanent nipple projection after breast reconstruction procedures.	Poland	Jankau J, Jaškiewicz J, Ankiewicz A.	Surgery	Breast. 2011 Apr;20(2):124-8.
2011	Complication	Technique	---	---	Update on one-stage immediate breast reconstruction with definitive prosthesis after sparing mastectomies.	Italy	Salgarello M, et al.	Surgery	Breast. 2011 Feb;20(1):7-14.
2011	---	Technique	---	---	[Aesthetic breast augmentation].	Germany	Reichenberger MA, et al.	Surgery	Chirurg. 2011 Sep;82(9):782-8.
2011	Complication	Technique	---	---	[Microsurgical techniques for breast reconstruction].	Germany	Pelzer M, et al.	Surgery	Chirurg. 2011 Sep;82(9):807-12.
2011	Complication	Technique	---	---	New trends in breast reconstruction.	Romania	Fodor L, et al.	Surgery	Chirurgia (Bucur). 2011 Jul-Aug;106(4):485-9.
2011	---	Technique	---	---	A modified technique for nipple-areola complex reconstruction.	Egypt	Mohamed SA, Parodi PC.	Surgery	Indian J Plast Surg. 2011 Jan;44(1):76-80.
2011	---	Technique	---	---	The use of custom-made external nipple-areolar prostheses following breast cancer reconstruction.	New Zealand	Clarkson DJ, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2011 Apr;64(4):e103-5.
2011	---	---	---	Sociology	Medium-term cost analysis of breast reconstructions in a single Dutch centre: a comparison of implants, implants preceded by tissue expansion, LD	Netherlands	Damen TH, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2011 Aug;64(8):1043-53.

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					transpositions and DIEP flaps.				
2011	---	---	---	Sociology	A common denominator in analyzing data.	USA	Freshwater MF.	Surgery	J Plast Reconstr Aesthet Surg. 2011 Aug;64(8):1117-8.
2011	---	---	Rupture	---	Cutaneous manifestation of silicone dissemination from a PIP implant--a case for prophylactic explantation?	UK	Cawrse NH, Pickford MA.	Surgery	J Plast Reconstr Aesthet Surg. 2011 Aug;64(8):e208-9.
2011	Causal Relation	---	---	---	Jogging as a possible cause of late seroma after aesthetic breast augmentation with textured silicone prosthesis: a conservative approach.	Brazil	Farina JA Jr, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2011 Aug;64(8):e216-7.
2011	Causal Relation	---	---	---	Late haematoma and seroma in patients with silicone mammary prosthesis: our reports and literature review.	China	Cheng NX, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2011 Jul;64(7):e185-6.
2011	Complication	Treatment	---	---	Our strategy in complication management of augmentation mammoplasty with polyacrylamide hydrogel injection in 235 patients.	China	Luo SK, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2011 Jun;64(6):731-7.
2011	Complication	---	Surface Type	---	Smooth and textured silicone surfaces of modified gel mammary prostheses cause a different impact on fibroproliferative properties of dermal fibroblasts.	Germany	Seyhan H, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2011 Mar;64(3):e60-6.
2011	---	Technique	---	---	Breast augmentation: Part III--preoperative considerations and planning.	UK	Berry MG, Cucchiara V, Davies DM.	Surgery	J Plast Reconstr Aesthet Surg. 2011 Nov;64(11):1401-9.
2011	---	Treatment	---	---	Simvastatin induces heme oxygenase-1 expression but fails to reduce inflammation in the capsule surrounding a silicone shell implant in rats.	Taiwan	Hsieh CH, et al.	Surgery	J Surg Res. 2011 Jun 15;168(2):272-80.
2011	Complication	Treatment	---	---	[Complications after reconstructive implantation of silicone endoprotheses in patients with breast cancer].	Russia	Iarygin ML, et al.	Surgery	Khirurgiia (Mosk). 2011;(6):11-7.
2011	Complication	Technique	---	---	Immediate placement of implants in breast reconstruction: patient selection and outcomes.	USA	Roostaeian J, et al.	Surgery	Plast Reconstr Surg. 2011 Apr;127(4):1407-16.
2011	Complication	---	---	---	Malrotation of the McGhan style 510 prosthesis.	Italy	Curinga G, et al.	Surgery	Plast Reconstr Surg. 2011 Dec;128(6):781e-2e; author reply 782e.
2011	Causal Relation	---	Rupture	---	A desmoid tumor associated with a ruptured silicone breast implant.	Hungary	Mátrai Z, et al.	Surgery	Plast Reconstr Surg. 2011 Jan;127(1):1e-4e.
2011	---	Diagnosis	---	---	Form stability of the Style 410 anatomically shaped cohesive silicone gel-filled breast implant in subglandular breast augmentation evaluated with magnetic resonance imaging.	Norway	Weum S, de Weerd L, Kristiansen B.	Surgery	Plast Reconstr Surg. 2011 Jan;127(1):409-13.
2011	---	Diagnosis	---	---	Discussion. Form stability of the Style 410 anatomically shaped cohesive silicone gel-filled breast implant in subglandular breast augmentation evaluated with magnetic resonance imaging.	USA	Hammond DC.	Surgery	Plast Reconstr Surg. 2011 Jan;127(1):414-6.
2011	Complication	---	---	---	Breast implant complication review: double capsules and late seromas.	Canada	Hall-Findlay EJ.	Surgery	Plast Reconstr Surg. 2011 Jan;127(1):56-66.
2011	---	Diagnosis	---	---	Spectrum of imaging findings in the	USA	Leibman AJ.	Surgery	Plast Reconstr Surg. 2011

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		is			silicone-injected breast.		Misra M.		Jul;128(1):28e-9e.
2011	Complication	---	---	---	An analysis of 277 consecutive latissimus dorsi breast reconstructions: a focus on capsular contracture.	UK	Hardwicke JT, Prinsloo DJ.	Surgery	Plast Reconstr Surg. 2011 Jul;128(1):63-70.
2011	Complication	---	---	---	Null-type anaplastic lymphoma kinase-negative anaplastic large cell lymphoma arising in a silicone breast implant capsule.	Italy	Lazzeri D, et al.	Surgery	Plast Reconstr Surg. 2011 Jun;127(6):159e-62e.
2011	Complication	---	---	---	The impact of Smad3 loss of function on TGF- β signaling and radiation-induced capsular contracture.	USA	Katzel EB, et al.	Surgery	Plast Reconstr Surg. 2011 Jun;127(6):2263-9.
2011	Complication	---	---	---	Breast implants and anaplastic large cell lymphoma: using science to guide our patients and plastic surgeons worldwide.	USA	Eaves FF, Haeck PC, Rohrich RJ.	Surgery	Plast Reconstr Surg. 2011 Jun;127(6):2501-3.
2011	---	Diagnosis	Rupture	---	The effect of study design biases on the diagnostic accuracy of magnetic resonance imaging for detecting silicone breast implant ruptures: a meta-analysis.	USA	Song JW, et al.	Surgery	Plast Reconstr Surg. 2011 Mar;127(3):1029-44.
2011	---	---	Rupture	Epidemiology	Discussion. The effect of study design biases on the diagnostic accuracy of magnetic resonance imaging for detecting silicone breast implant ruptures: a meta-analysis.	USA	Hammond DC.	Surgery	Plast Reconstr Surg. 2011 Mar;127(3):1045-6.
2011	Experience	Experience	---	---	A 15-year experience with primary breast augmentation.	USA	Codner MA, et al.	Surgery	Plast Reconstr Surg. 2011 Mar;127(3):1300-10.
2011	Experience	Experience	---	---	Discussion. A 15-year experience with primary breast augmentation.	USA	Tebbetts JB.	Surgery	Plast Reconstr Surg. 2011 Mar;127(3):1311-3.
2011	Risk/Safety	---	---	Regulation/Sociology	Eighth IQUAM consensus conference position statement: Transatlantic innovations, April 2009.	Germany	Neuhann-Lorenz C, et al.	Surgery	Plast Reconstr Surg. 2011 Mar;127(3):1368-75.
2011	---	Technique	---	---	A simple atraumatic way to remove breast implants.	Italy	Nisi G, et al.	Surgery	Plast Reconstr Surg. 2011 Mar;127(3):66e-67e.
2011	Complication	---	---	---	A patient death attributable to implant-related primary anaplastic large cell lymphoma of the breast.	USA	Carty MJ, et al.	Surgery	Plast Reconstr Surg. 2011 Sep;128(3):112e-118e.
2011	Complication	---	---	---	Anaplastic large T-cell lymphoma and breast implants: a review of the literature.	USA	Jewell M, et al.	Surgery	Plast Reconstr Surg. 2011 Sep;128(3):651-61.
2011	Complication	---	---	---	Double capsules: our experience with polyurethane-coated silicone breast implants.	Italy	Dini M, et al.	Surgery	Plast Reconstr Surg. 2011 Sep;128(3):819-20; author reply 820-1.
2011	Clinical Study	Clinical Study	---	---	Form stability of the style 410 implant: definitions, conjectures, and the rest of the story.	USA	Tebbetts JB.	Surgery	Plast Reconstr Surg. 2011 Sep;128(3):825-6; author reply 826-7.
2011	---	Treatment	---	---	Surgical treatment of patients with Poland's syndrome--own experience.	Poland	Fijałkowska M, Antoszewski B.	Surgery	Pol Przegl Chir. 2011 Dec;83(12):662-7.
2011	Complication	Diagnosis	---	---	Is the shear wave sonographic elastography correlated with pain after breast augmentation with silicone implants an indication of inflammatory activity? A preliminary report.	Poland	Rzymiski P, et al.	Surgery	Wideochir Inne Tech Malo Inwazyjne. 2011 Dec;6(4):217-25.
2012	---	Diagnosis	Bleeding/Migration	---	Intrathoracic migration of a silicone breast implant 5 months after video-assisted thoracoscopic surgery.	USA	Sykes JB, Rosella PA.	Medical Devices	J Comput Assist Tomogr. 2012 May-Jun;36(3):306-7.

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2012	Causal Relation	---	---	---	An atypical immune-inflammatory disorder secondary to breast implant exposure.	USA	Maharaj S.	Medical Devices	J Long Term Eff Med Implants. 2012;22(1):33-48.
2012	---	Diagnosis	---	---	Water-silicone separated volumetric MR acquisition for rapid assessment of breast implants.	USA	Madhuranthakam AJ, et al.	Medical Devices	J Magn Reson Imaging. 2012 May;35(5):1216-21.
2012	Complication	Technique	---	---	The use of porcine acellular dermal matrix in silicone implant-based breast reconstruction.	Germany	Himsl I, et al.	Medicine	Arch Gynecol Obstet. 2012 Jul;286(1):187-92.
2012	---	Technique	---	---	Using a titanium-coated polypropylene mesh (TiLOOP®) Bra for implant-based breast reconstruction: case report and histological analysis.	Germany	Dieterich M, et al.	Medicine	Arch Gynecol Obstet. 2012 Jul;286(1):273-6
2012	Causal Relation	---	Bleeding/Migration	---	[Breast silicone granulomas].	Russia	Povzun SA.	Medicine	Arkh Patol. 2012 Mar-Apr;74(2):46-8.
2012	Complication	Diagnosis	---	---	Silicon granuloma mimicking lung cancer.	UK	Ali L, Megivern D, Teoh R.	Medicine	BMJ Case Rep. 2012 Jul 19;2012. pii: ber2012006351.
2012	---	---	---	Regulation/Sociology	Hundreds of thousands of pounds of NHS funds have been spent on care of private patients with PIP implants.	UK	Torjesen I.	Medicine	BMJ. 2012 Feb 20;344:e1259.
2012	---	---	---	Regulation/Sociology	NHS patients are choosing to have PIP implants removed whether or not they have burst.	UK	Torjesen I.	Medicine	BMJ. 2012 Feb 27;344:e1460.
2012	Risk/Safety	---	---	Fault/Scandal/Debate	Europe launches investigation into health risks of faulty breast implants.	Belgium	Watson R.	Medicine	BMJ. 2012 Feb 7;344:e939.
2012	---	---	---	Regulation/Sociology	Around 1000 women with private sector PIP implants seek NHS help.	UK	O'Dowd A.	Medicine	BMJ. 2012 Feb 7;344:e972.
2012	Risk/Safety	---	---	Regulation/Sociology	UK launches inquiry into safety of PIP breast implants.	UK	O'Dowd A.	Medicine	BMJ. 2012 Jan 3;344:e11.
2012	---	---	---	Regulation/Sociology	Europe is updating rules on medical devices after implant fiasco.	Belgium	Watson R.	Medicine	BMJ. 2012 Jan 30;344:e766.
2012	---	---	---	Regulation/Sociology	Government puts pressure on private sector to pay for removal of PIP breast implants.	UK	O'Dowd A.	Medicine	BMJ. 2012 Jan 9;344:e249.
2012	---	---	---	Fault/Scandal/Debate	Women have had "harrowing" experiences over PIP implants scandal.	UK	O'Dowd A.	Medicine	BMJ. 2012 Jul 3;345:e4560.
2012	---	---	---	Regulation/Sociology	Health department refuses plea for private PIP implants to be replaced on NHS.	UK	O'Dowd A.	Medicine	BMJ. 2012 Jul 6;345:e4658.
2012	Risk/Safety	---	---	Regulation/Sociology	PIP implants don't pose risk to health, expert group concludes.	UK	Kmietowicz Z.	Medicine	BMJ. 2012 Jun 18;344:e4234.
2012	---	---	---	Regulation/Sociology	Additional 7000 UK women may have faulty PIP implants.	UK	O'Dowd A.	Medicine	BMJ. 2012 Mar 19;344:e2149.
2012	---	---	---	Regulation/Sociology	NHS should replace PIP implants even when privately fitted.	UK	Torjesen I.	Medicine	BMJ. 2012 Mar 28;344:e2379.

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				iology					
2012	---	---	Rupture	---	Rupture of breast implant shell must be differentiated from gel bleed.	Italy	Boffa C, et al.	Medicine	BMJ. 2012 May 1;344:e2574.
2012	---	---	Rupture	Sociology	[Breast implants and health alert PIP: experience of the regional cancer center of Lille].	France	Carillon MA, et al.	Medicine	Bull Cancer. 2012 Feb 1;99(2):147-53.
2012	---	Treatment	---	---	Breast cancer presenting within or adjacent to the breast implant capsule: a case series and clinical recommendations.	USA	Tokin CA, Wallace AM.	Medicine	Clin Breast Cancer. 2012 Aug;12(4):296-9.
2012	Complication	---	---	---	Survival signals and targets for therapy in breast implant-associated ALK--anaplastic large cell lymphoma.	USA	Lechner MG, et al.	Medicine	Clin Cancer Res. 2012 Sep 1;18(17):4549-59.
2012	---	Diagnosis	---	---	Interference of silicone breast implants on bioimpedance measurement of body fat.	Brazil	Yamaguchi CM, et al.	Medicine	Clin Nutr. 2012 Aug;31(4):574-6.
2012	Complication	Treatment	---	---	Bilateral juvenile fibroadenosis of the breast: management with subcutaneous mastectomy and silicone implant placement.	Hungary	Mátrai Z, et al.	Medicine	Eur J Gynaecol Oncol. 2012;33(3):309-11.
2012	---	Technique	Bleeding/Migration	---	Combination of chemical suppression techniques for dual suppression of fat and silicone at diffusion-weighted MR imaging in women with breast implants.	UK	Koh DM, et al.	Medicine	Eur Radiol. 2012 Dec;22(12):2648-53.
2012	Complication	---	---	---	The periprosthetic capsule and connective tissue diseases: a piece in the puzzle of autoimmune/autoinflammatory syndrome induced by adjuvants.	Italy	Bassetto F, et al.	Medicine	Exp Biol Med (Maywood). 2012 Oct;237(10):1117-22.
2012	---	---	---	Fault/Scandal/Debate	The "PIP scandal" - Complications in Breast Implants of Inferior Quality: State of Knowledge, Official Recommendations and Case Report.	Germany	Lampert FM, et al.	Medicine	Geburtshilfe Frauenheilkd. 2012 Mar;72(3):243-246.
2012	---	---	---	Sociology	[Silicone implants and breast cancer--is it so?].	Israel		Medicine	Harefuah. 2012 Jan;151(1):8.
2012	Complication	---	Rupture	---	Melanoma metastatic to a ruptured silicone breast implant capsule.	Australia	Wilsher MJ, Moncrieff NJ.	Medicine	Indian J Pathol Microbiol. 2012 Jan-Mar;55(1):86-8.
2012	Complication	---	---	---	ASIA-autoimmune syndromes induced by adjuvants: rare, but worth considering.	Israel	Toubi E.	Medicine	Isr Med Assoc J. 2012 Feb;14(2):121-4.
2012	Complication	---	---	---	Siliconosis: autoimmune/inflammatory syndrome induced by adjuvants (ASIA).	Portugal	Caldeira M, Ferreira AC.	Medicine	Isr Med Assoc J. 2012 Feb;14(2):137-8.
2012	Complication	---	---	---	Silicone lymphadenopathy: an unexpected cause of neck lumps.	UK	Omakobia E, et al.	Medicine	J Laryngol Otol. 2012 Sep;126(9):970-3.
2012	---	Diagnosis	---	---	Breast augmentation by injection of free silicone: MRI findings.	Belgium	Vanwambeke K, et al.	Medicine	JBR-BTR. 2012 Jan-Feb;95(1):34.
2012	---	---	---	Regulation/Sociology	Silicone breast implants: lessons from the USA.	USA		Medicine	Lancet. 2012 Jan 14;379(9811):93.
2012	---	---	---	Regulation/Sociology	The implications of PIP are more than just cosmetic.	UK	Smith R, Lunt N, Hanefeld J.	Medicine	Lancet. 2012 Mar 31;379(9822):1180-1.
2012	---	---	---	Fault/Scandal/Debate	The scandal of device regulation in the UK.	UK	Lewi H, Frame JD.	Medicine	Lancet. 2012 May 12;379(9828):1790.

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2012	Causal Relation	---	---	---	Silicone and scleroderma revisited.	Israel	Lidar M, et al.	Medicine	Lupus. 2012 Feb;21(2):121-7.
2012	Causal Relation	---	---	---	Autoimmune syndrome induced by adjuvants (ASIA) in the Middle East: morphea following silicone implantation.	Israel	Kivity S, et al.	Medicine	Lupus. 2012 Feb;21(2):136-9.
2012	Causal Relation	---	---	---	Still's disease, lupus-like syndrome, and silicone breast implants. A case of 'ASIA' (Shoenfeld's syndrome).	Mexico	Jara LJ, et al.	Medicine	Lupus. 2012 Feb;21(2):140-5.
2012	---	---	---	Sociology	Bones, groans, and silicone.	USA	Brawer AE.	Medicine	Lupus. 2012 Oct;21(11):1155-7.
2012	Complication	---	---	---	The effect of Zafirlukast on capsule formation in post-radiation silicone implants.	Taiwan	Sapountzis S, et al.	Medicine	Med Hypotheses. 2012 Jun;78(6):787-9.
2012	---	---	---	Regulation/Sociology	Transforming Australia's Breast Implant Registry.	Australia	Jeeves AE, Cooter RD.	Medicine	Med J Aust. 2012 Mar 5;196(4):232-4.
2012	Complication	---	---	---	Case records of the Massachusetts General Hospital. Case 2-2012. A 63-year-old woman with dyspnea and rapidly progressive respiratory failure.	USA	Kotton DN, Muse VV, Nishino M.	Medicine	N Engl J Med. 2012 Jan 19;366(3):259-69.
2012	Experience	Experience	---	---	[Evaluation of cohesive silicone breast implants].	Japan	Takeda A, Tachi M.	Medicine	Nihon Rinsho. 2012 Sep;70 Suppl 7:645-8.
2012	Complication	---	---	---	[A sus-clavicular adenopathy in patient with PIP breast implants].	France	Duquenne M, et al.	Medicine	Presse Med. 2012 Nov;41(11):1153-5.
2012	---	Diagnosis	Rupture	---	Study of breast implant rupture: MRI versus surgical findings.	Italy	Vestito A, et al.	Medicine	Radiol Med. 2012 Sep;117(6):1004-18.
2012	---	---	---	Sociology	[Breast implants: the clash of cultures].	France	Kiefer B.	Medicine	Rev Med Suisse. 2012 Jan 25;8(325):248.
2012	---	Technique	---	---	Treatment of bilateral mammary ptosis and pectus excavatum through the same incision in one surgical stage.	Brazil	Rocha FP, et al.	Medicine	Sao Paulo Med J. 2012;130(3):198-201.
2012	---	---	---	Sociology	Coventina's Column. Polyimplant prosthese (PIP) breast implants.	UK	Sanai L.	Medicine	Scott Med J. 2012 Feb;57(1):58-9.
2012	---	---	Material	Regulation/Sociology	Silicone breast implant materials.	Switzerland	Daniels AU.	Medicine	Swiss Med Wkly. 2012 Jul 23;142:w13614.
2012	---	---	Bleeding/Migration	---	[Picture of the month: extravasation of silicone].	Denmark	Uldall W, Henriksen T, Vejborg I.	Medicine	Ugeskr Laeger. 2012 Apr 30;174(18):1244.
2012	---	Treatment	---	---	Hyperbaric oxygen treatment for skin flap necrosis after a mastectomy: a case study.	Netherlands	Mermans JF, et al.	Medicine	Undersea Hyperb Med. 2012 May-Jun;39(3):719-23.
2012	Causal Relation	---	Material	---	Breast implants: the good, the bad and the ugly. Can nanotechnology improve implants?	USA	Puskas JE, Luebbers MT.	Science	Wiley Interdiscip Rev Nanomed Nanobiotechnol. 2012 Mar-Apr;4(2):153-68.
2012	---	QoL	---	---	Immediate breast reconstruction in relation to women's age.	Croatia	Zidak M, et al.	Sociology	Coll Antropol. 2012 Sep;36(3):835-9.
2012	Risk/Safety	---	---	Regulation/Sociology	Public health implications of differences in U.S. and European Union regulatory policies for breast implants.	USA	Zuckerman D, Booker N, Nagda S.	Sociology	Reprod Health Matters. 2012 Dec;20(40):102-11.
2012	Experience	Experience	---	---	Our eight-year experience with breast reconstruction using abdominal advancement flap (207 reconstructions).	Czech	Urban K, et al.	Surgery	Acta Chir Plast. 2012;54(2):63-6.

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2012	Causal Relation	---	---	---	Effect of zafirlukast on capsular contracture around silicone implants in rats.	Brazil	Bastos EM, et al.	Surgery	Acta Cir Bras. 2012 Jan;27(1):1-6.
2012	Clinical Study	Clinical Study	---	Regulation/Sociology	Natrelle style 410 form-stable silicone breast implants: core study results at 6 years.	USA	Maxwell GP, et al.	Surgery	Aesthet Surg J. 2012 Aug;32(6):709-17.
2012	---	Diagnosis	---	---	High-resolution ultrasound in the detection of silicone gel breast implant shell failure: background, in vitro studies, and early clinical results.	USA	Bengtson BP, Eaves FF 3rd.	Surgery	Aesthet Surg J. 2012 Feb;32(2):157-74.
2012	---	Technique	---	---	Contamination in smooth gel breast implant placement: testing a funnel versus digital insertion technique in a cadaver model.	USA	Moyer HR, et al.	Surgery	Aesthet Surg J. 2012 Feb;32(2):194-9.
2012	Experience	Experience	---	---	PERTHESE implant-identical cohesive-gel sizers in breast augmentation: a prospective report on 200 consecutive cases and implications for treatment of breast asymmetry.	USA	Gore SM, Lamberty BG.	Surgery	Aesthet Surg J. 2012 Mar;32(3):310-8
2012	Clinical Study	Clinical Study	---	---	Commentary on: PERTHESE implant-identical cohesive-gel sizers in breast augmentation: a prospective study of 200 consecutive cases and implications for treatment of breast asymmetry.	USA	Maxwell GP, Gabriel A.	Surgery	Aesthet Surg J. 2012 Mar;32(3):319-21.
2012	---	Technique	---	---	Effect of incision choice on outcomes in primary breast augmentation.	USA	Jacobson JM, et al.	Surgery	Aesthet Surg J. 2012 May;32(4):456-62.
2012	---	---	---	Sociology	Silicone gel breast implants at 50: the state of the science.	USA	Jewell ML.	Surgery	Aesthet Surg J. 2012 Nov;32(8):1031-4.
2012	Clinical Study	Clinical Study	---	---	Breast augmentation with extra-projected and high-cohesive Dual-Gel Prosthesis 510: a prospective study of 75 consecutive cases for a new method (the Zenith system).	Italy	Riggio E.	Surgery	Aesthetic Plast Surg. 2012 Aug;36(4):866-78.
2012	---	Diagnosis	---	---	Three-dimensional evaluation of breast augmentation and the influence of anatomic and round implants on operative breast shape changes.	Germany	Kovacs L, et al.	Surgery	Aesthetic Plast Surg. 2012 Aug;36(4):879-87.
2012	---	Technique	---	---	Is ultracision knife safe and efficient for breast capsulectomy? A preliminary study.	Switzerland	Tremp M, et al.	Surgery	Aesthetic Plast Surg. 2012 Aug;36(4):888-93.
2012	Complication	---	---	---	Striae distensae after breast augmentation.	Brazil	Basile FV, et al.	Surgery	Aesthetic Plast Surg. 2012 Aug;36(4):894-900.
2012	Complication	Technique	---	---	Comparison of breast augmentation incisions and common complications.	USA	Stutman RL, et al.	Surgery	Aesthetic Plast Surg. 2012 Oct;36(5):1096-104.
2012	---	---	Rupture	---	[Breast augmentation by Poly Implant Prothèses silicone implants: retrospective study about 99 patients. Rupture analysis and management].	France	Aktouf A, et al.	Surgery	Ann Chir Plast Esthet. 2012 Dec;57(6):558-66.
2012	Complication	---	---	---	[Breast implants and anaplastic large cell lymphoma: What do we know?].	France	Mychaluk J, et al.	Surgery	Ann Chir Plast Esthet. 2012 Feb;57(1):1-8.
2012	Complication	Treatment	---	---	[Breast repaired by silicone implant. Case report of necrobiosis lipoidica].	France	Azoulay B, et al.	Surgery	Ann Chir Plast Esthet. 2012 Feb;57(1):79-82.
2012	---	---	Rupture	Recall	[Outcome at 18 months after the recall of Poly Implant Prosthesis. Experience of a	France	Crouzet C, et al.	Surgery	Ann Chir Plast Esthet. 2012 Feb;57(1):9-15.

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					cancer center].				
2012	Causal Relation	---	---	---	Breast implant (PIP), chronic inflammation and cancer: is there a connection? Case report.	Italy	Gubitosi A, et al.	Surgery	Ann Ital Chir. 2012 Sep 28;83.
2012	Complication	Technique	---	---	One-stage immediate breast reconstruction with implants: a new option for immediate reconstruction.	USA	Cassileth L, Kohanzadeh S, Amersi F.	Surgery	Ann Plast Surg. 2012 Aug;69(2):134-8.
2012	---	Technique	---	---	Breast implants and minimally invasive cardiac surgery: a case series.	USA	Baker RY, et al.	Surgery	Ann Plast Surg. 2012 Jul;69(1):10-3.
2012	Complication	Treatment	---	---	Treatment algorithm of galactorrhoea after augmentation mammoplasty.	Korea	Yang EJ, et al., Bang SI.	Surgery	Ann Plast Surg. 2012 Sep;69(3):247-9.
2012	---	Technique	---	---	Recipient vessel selection in immediate breast reconstruction with free abdominal tissue transfer after nipple-sparing mastectomy.	Korea	Yang SJ, et al.	Surgery	Arch Plast Surg. 2012 May;39(3):216-21.
2012	Complication	---	Rupture	---	Augmentation mammoplasty using implants: a review.	Japan	Takayanagi S.	Surgery	Arch Plast Surg. 2012 Sep;39(5):448-51.
2012	Causal Relation	---	Rupture	---	Silicone breast implant with intracapsular rupture coexisting with locally advanced carcinoma.	Taiwan	Leung TK, et al.	Surgery	Breast J. 2012 Jan-Feb;18(1):76-7.
2012	Risk/Safety	---	---	---	Illegal injection of industrial silicone oil for breast augmentation: risks, solutions and results.	Spain	Sánchez-Ponte A, et al.	Surgery	Breast J. 2012 Mar-Apr;18(2):174-6.
2012	Experience	Experience	---	---	Breast reconstruction using permanent Becker expander implants: an 18 year experience.	UK	Goh SC, et al.	Surgery	Breast. 2012 Dec;21(6):764-8.
2012	Experience	Experience	---	---	The monobloc hydrogel breast implant, experiences and ideas.	Netherlands	Kappel RM, Pruijn GJ.	Surgery	Eur J Plast Surg. 2012 Mar;35(3):229-233.
2012	Complication	---	---	---	Periprosthetic breast capsules and immunophenotypes of inflammatory cells.	Paraguay	Meza Brites ME, Caballero Llano C, Chau A.	Surgery	Eur J Plast Surg. 2012 Sep;35(9):647-651.
2012	---	---	Material	---	[Histological and immunohistochemical study of capsular contracture in an animal model--a comparison of two implants according to a modification of Wilflingseder's classification].	Germany	Bergmann PA, et al.	Surgery	Handchir Mikrochir Plast Chir. 2012 Aug;44(4):220-6.
2012	Risk/Safety	---	Surface Type	---	[Quo vadis? Breast implants--current trends and new concepts].	Germany	Sukhova I, et al.	Surgery	Handchir Mikrochir Plast Chir. 2012 Aug;44(4):240-53.
2012	---	Technique	---	---	Tug 'O' war: challenges of transverse upper gracilis (TUG) myocutaneous free flap breast reconstruction.	Canada	Locke MB, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Aug;65(8):1041-50.
2012	---	Technique	---	---	Positive impact of delayed breast reconstruction on breast-cancer treatment-related arm lymphoedema.	France	Blanchard M, Arrault M, Vignes S.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Aug;65(8):1060-3.
2012	Complication	---	Rupture	---	Sentinel lymph node biopsy following prior augmentation mammoplasty and implant rupture.	UK	Warbrick-Smith J, Cawthorn SJ.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Dec;65(12):e348-50.
2012	Complication	Technique	---	---	Immediate breast reconstruction using autologous skin graft associated with breast implant.	Brazil	Dutra AK, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Feb;65(2):187-94.
2012	Complication	---	---	---	Capsular contracture - What are the risk factors? A 14 year series of 1400 consecutive augmentations.	UK	Dancey A, Nassimizadeh A, Levick P.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Feb;65(2):213-8.

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2012	Causal Relation	---	---	---	Type IV hypersensitivity to a textured silicone breast implant.	UK	Dargan D, McGoldrick C, Khan K.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Jul;65(7):969-72.
2012	Complication	---	---	Regulation/Sociology	The PIP mammary prosthesis: a product recall study.	UK	Berry MG, Stanek JJ.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Jun;65(6):697-704.
2012	---	---	---	Regulation/Sociology	The PIP crisis: déjà vu all over again?	USA	Freshwater MF.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Jun;65(6):840-3.
2012	Experience	Experience	---	---	Preliminary report on the use of the Spectra™ implant for the correction of hypoplastic breasts with small-volume asymmetry.	Italy	Mazzocchi M, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Mar;65(3):312-9.
2012	---	---	---	Sociology	Invited commentary.	UK	Pacifico MD.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Mar;65(3):319-20.
2012	---	Diagnosis	---	---	The use of NMR spectroscopy for identifying unknown foreign materials after aesthetic procedures.	Japan	Okuda T, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2012 May;65(5):692-4.
2012	---	Diagnosis	---	---	Ultrasonography in PIP implant scanning: a cautionary tale.	UK	Berry MG, Stanek JJ.	Surgery	J Plast Reconstr Aesthet Surg. 2012 Oct;65(10):1439-40.
2012	Complication	---	---	---	Anaplastic large cell lymphoma and breast implants: five Australian cases.	Australia	Taylor KO, et al.	Surgery	Plast Reconstr Surg. 2012 Apr;129(4):610e-7e.
2012	---	Technique	---	---	Aesthetic improvement of the female breast in funnel chest deformity by surgical repair of the thoracic wall: indication or lifestyle surgery?	Austria	Schwabegger AH, Del Frari B, Pierer G.	Surgery	Plast Reconstr Surg. 2012 Aug;130(2):245e-253e.
2012	Causal Relation	---	---	---	T regulatory cells and TH17 cells in peri-silicone implant capsular fibrosis.	Austria	Wolfram D, et al.	Surgery	Plast Reconstr Surg. 2012 Feb;129(2):327e-337e.
2012	---	---	---	---	Discussion. T regulatory cells and TH17 cells in peri-silicone implant capsular fibrosis.	USA	Momoh AO, Chung KC.	Surgery	Plast Reconstr Surg. 2012 Feb;129(2):338e-339e.
2012	Causal Relation	---	---	---	Silicone nanoparticles do not induce immune responses by naïve human peripheral blood mononuclear cells: implications in breast implants.	USA	Nair N, et al.	Surgery	Plast Reconstr Surg. 2012 Jul;130(1):128e-137e.
2012	---	---	Rupture	Regulation/Sociology	Economic analysis of screening strategies for rupture of silicone gel breast implants.	USA	Chung KC, et al.	Surgery	Plast Reconstr Surg. 2012 Jul;130(1):225-37.
2012	---	Treatment	---	---	The effects of antileukotriene agents on capsular contracture: an evidence-based analysis.	Taiwan	Cheng HT, Lin FY, Chang SC.	Surgery	Plast Reconstr Surg. 2012 Jun;129(6):1018e-1020e.
2012	---	---	Rupture	---	Prevalence of rupture in poly implant Prothèse silicone breast implants, recalled from the European market in 2010.	Netherlands	Maijers MC, Niessen FB.	Surgery	Plast Reconstr Surg. 2012 Jun;129(6):1372-8.
2012	---	---	Rupture	Recall	Discussion: Prevalence of rupture in poly implant Prothèse silicone breast implants, recalled from the European market in 2010.	USA	Hammond DC.	Surgery	Plast Reconstr Surg. 2012 Jun;129(6):1379-80.
2012	Clinical Study	Clinical Study	---	Regulation/Sociology	Mentor Contour Profile Gel implants: clinical outcomes at 6 years.	USA	Hammond DC, et al.	Surgery	Plast Reconstr Surg. 2012 Jun;129(6):1381-91.

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2012	---	Diagnosis	---	Regulation/Sociology	Assessing strength of evidence in diagnostic tests.	USA	Aliu O, Chung KC.	Surgery	Plast Reconstr Surg. 2012 Jun;129(6):989e-998e.
2012	---	Technique	---	---	Recreating the lateral footprint of obese patients in immediate silicone implant breast reconstruction using an elongated teardrop incision.	Israel	Grabov-Nardini G, et al.	Surgery	Plast Reconstr Surg. 2012 May;129(5):868e-70e.
2012	Clinical Study	Clinical Study	---	Regulation/Sociology	Five-year follow-up data from the U.S. clinical trial for Sientra's U.S. Food and Drug Administration-approved Silimed® brand round and shaped implants with high-strength silicone gel.	USA	Stevens WG, et al.	Surgery	Plast Reconstr Surg. 2012 Nov;130(5):973-81.
2012	Clinical Study	Clinical Study	---	---	Discussion: Five-year follow-up data from the U.S. clinical trial for Sientra's U.S. Food and Drug Administration-approved Silimed® brand round and shaped implants with high-strength silicone gel.	USA	Saltz R.	Surgery	Plast Reconstr Surg. 2012 Nov;130(5):982-3.
2012	Causal Relation	---	Bleeding/Migration	---	The effect of silicone gel bleed on capsular contracture: a generational study.	USA	Moyer HR, Ghazi BH, Losken A.	Surgery	Plast Reconstr Surg. 2012 Oct;130(4):793-800.
2012	Complication	---	---	---	[Complications of breast augmentation - a case report].	Czech	Zedníková I, et al.	Surgery	Rozhl Chir. 2012 Aug;91(8):435-7.
2012	Complication	---	---	---	Anaplastic large cell lymphoma associated with breast implant: a case report.	Iran	Rajabiani A, et al.	Surgery	World J Plast Surg. 2012 Jan;1(1):46-50.
2012	Causal Relation	---	Bleeding/Migration	---	Xanthogranulomatous inflammation involving latissimus dorsi donor site and implant breast reconstruction: case report and literature review.	UK	Hussain T, et al.	Surgery	World J Surg Oncol. 2012 Aug 20;10:166.
2012	---	---	Design	History	The evolution of breast reconstruction: a historical perspective.	USA	Champaneria MC, et al.	Surgery	World J Surg. 2012 Apr;36(4):730-42.
2012	---	Technique	---	---	[Current development in therapy of congenital funnel chest].	China	Ji K, Luan J.	Surgery	Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi. 2012 Dec;26(12):1516-8.
2012	Risk/Safety	---	---	Registry	[Ideas about registration for breast implants].	China	Zhao P, Shi X, Liu W.	Surgery	Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi. 2012 Sep;26(9):1130-3.
2013	Complication	---	Rupture	---	Complications of Poly Implant Prothèse breast implants: the current discussion.	Germany	Kolios L, et al.	Medical Devices	Expert Rev Med Devices. 2013 Mar;10(2):167-70.
2013	Complication	---	Rupture	---	Evaluation of breast silicone implants.	USA	Brenner RJ.	Medical Devices	Magn Reson Imaging Clin N Am. 2013 Aug;21(3):547-60.
2013	---	Diagnosis	Rupture	---	Image quality and diagnostic performance of silicone-specific breast MRI.	Korea	Kim SH, et al.	Medical Devices	Magn Reson Imaging. 2013 Nov;31(9):1472-8.
2013	---	Diagnosis	Rupture	---	Intra-prosthetic breast MR virtual navigation: a preliminary study for a new evaluation of silicone breast implants.	Italy	Moschetta M, et al.	Medical Devices	Magn Reson Imaging. 2013 Oct;31(8):1292-7.
2013	Causal Relation	---	---	---	Capsular contracture by silicone breast implants: possible causes, biocompatibility, and prophylactic strategies.	Germany	Steiert AE, Boyce M, Sorg H.	Medical Devices	Med Devices (Auckl). 2013 Dec 2;6:211-218.
2013	Complication	---	Material	---	Evaluation of the biocompatibility of silicone gel implants - histomorphometric	Brazil	França DC, et al.	Medicine	Acta Inform Med. 2013;21(2):93-7.

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					study.				
2013	Causal Relation	---	Bleeding/Migration	---	Neck lymphadenitis due to silicone granuloma after mammary implants.	Spain	García et al.	Medicine	Acta Otorrinolaringol Esp. 2013 May-Jun;64(3):217-22.
2013	Causal Relation	Treatment	---	---	Foreign body granulomatous reaction to silica, silicone, and hyaluronic acid in a patient with interferon-induced sarcoidosis.	Spain	Novoa R, et al.	Medicine	Actas Dermosifiliogr. 2013 Dec;104(10):920-3.
2013	---	QoL	---	---	Long-term patient-reported satisfaction after contralateral prophylactic mastectomy and implant reconstruction.	USA	Koslow S, et al.	Medicine	Ann Surg Oncol. 2013 Oct;20(11):3422-9.
2013	Complication	---	---	---	Anaplastic large cell lymphoma occurring in association with breast implants: review of pathologic and immunohistochemical features in 103 cases.	USA	Taylor CR, Siddiqi IN, Brody GS.	Medicine	Appl Immunohistochem Mol Morphol. 2013 Jan;21(1):13-20.
2013	---	Diagnosis	---	---	Characterization of non-tuberculosis mycobacteria by neutron radiography.	Brazil	da Silva JM, et al.	Medicine	Appl Radiat Isot. 2013 Jul;77:84-8
2013	Causal Relation	---	Bleeding/Migration	---	[Tissue responses to silicone materials in the body].	Russia	Maĭborodin IV, et al.	Medicine	Arkh Patol. 2013 Jul-Aug;75(4):28-33.
2013	Causal Relation	---	Rupture	---	Lipogranulomatosis and hypersplenism induced by ruptured silicone breast implants.	USA	Zeidan AM, Moliterno AR.	Medicine	Blood. 2013 Oct 3;122(14):2302.
2013	Complication	---	---	---	Granulomatous reaction secondary to intramammary silicone injection.	Malaysia	Majedah S, et al.	Medicine	BMJ Case Rep. 2013 Feb 15;2013.
2013	---	---	---	Fault/Scandal/Debate	Founder of PIP breast implant company gets four year prison sentence.	France	Benkimoun P.	Medicine	BMJ. 2013 Dec 16;347:f7528.
2013	---	---	---	Fault/Scandal/Debate	Review that found PIP implants to be safe was flawed, say campaigners.	UK	Wise J.	Medicine	BMJ. 2013 May 9;346:f3034.
2013	---	---	---	Fault/Scandal/Debate	Intact PIP implants do not need to be removed, European report confirms.	UK	Torjesen I.	Medicine	BMJ. 2013 Oct 31;347:f6567.
2013	---	---	---	Sociology	[PIP breast implants: a series of 217 explants].	France	Tropet Y, et al.	Medicine	Bull Acad Natl Med. 2013 Jan;197(1):123-30.
2013	---	Treatment	---	---	Pneumocystis pneumonia during Postoperative Adjuvant Chemotherapy for Breast Cancer.	Japan	Shinohara T, et al.	Medicine	Case Rep Oncol Med. 2013;2013:954346.
2013	---	---	Rupture	Regulation/Sociology	The ruptured PIP breast implant.	UK	Helyar V, Burke C, McWilliams S.	Medicine	Clin Radiol. 2013 Aug;68(8):845-50.
2013	---	Diagnosis	Rupture	---	The sonographic appearances of breast implant rupture.	UK	Lake E, et al.	Medicine	Clin Radiol. 2013 Aug;68(8):851-8.
2013	Causal Relation	---	---	---	Connective tissue diseases following silicone breast implantation: where do we stand?	Brazil	Hortolam JG, Carvalho JF, Appenzeller S.	Medicine	Clinics (Sao Paulo). 2013;68(3):281.
2013	Causal Relation	---	---	---	Systemic sclerosis associated with silicone breast implantation.	Japan	Motegi SI, et al.	Medicine	Eur J Dermatol. 2013 Nov-Dec;23(6):894-5.
2013	---	Diagnosis	---	---	Characterization of the enhancing lesions on dynamic contrast enhanced magnetic resonance imaging in patients with interstitial mammaplasty.	Korea	Kim TY, et al.	Medicine	Eur J Radiol. 2013 Dec;82(12):2205-11.

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2013	---	Diagnosis	Rupture	---	Dual-energy CT for the evaluation of silicone breast implants.	Germany	Johnson TR, et al.	Medicine	Eur Radiol. 2013 Apr;23(4):991-6.
2013	---	Diagnosis	---	---	A case of fatal cervical discoligamentous hyperextension injury without fracture: correlation of postmortem imaging and autopsy findings.	Japan	Okuda T, et al.	Medicine	Forensic Sci Int. 2013 Feb 10;225(1-3):71-4.
2013	Complication	---	---	---	Unraveling the soul of autoimmune diseases: pathogenesis, diagnosis and treatment adding dowels to the puzzle.	Israel	Colafrancesco S, et al.	Medicine	Immunol Res. 2013 Jul;56(2-3):200-5.
2013	Causal Relation	---	---	---	Silicone implant incompatibility syndrome (SIIS): a frequent cause of ASIA (Shoenfeld's syndrome).	Netherlands	Cohen Tervaert JW, Kappel RM.	Medicine	Immunol Res. 2013 Jul;56(2-3):293-8.
2013	Complication	---	---	---	Breast implant-associated ALK-negative anaplastic large cell lymphoma: a case report and discussion of possible pathogenesis.	USA	George EV, et al.	Medicine	Int J Clin Exp Pathol. 2013 Jul 15;6(8):1631-42.
2013	Complication	---	---	---	Autoimmune/inflammatory syndrome induced by adjuvants causing myositis and pulmonary fibrosis.	Colombia	Pineda JC, et al.	Medicine	Isr Med Assoc J. 2013 Nov;15(11):720-1.
2013	---	Treatment	---	---	Dose modification factor analysis of multilumen balloon brachytherapy applicator with Monte Carlo simulation.	USA	Pearson D, Williams EA.	Medicine	J Appl Clin Med Phys. 2013 May 8;15(3):4498.
2013	Complication	---	Surface Type	---	Characterisation of breast implant surfaces and correlation with fibroblast adhesion.	UK	Valencia-Lazcano AA, et al.	Medicine	J Mech Behav Biomed Mater. 2013 May;21:133-48.
2013	Complication	---	Material	---	New biomaterial as a promising alternative to silicone breast implants.	USA	Teck Lim G, et al.	Medicine	J Mech Behav Biomed Mater. 2013 May;21:47-56.
2013	---	---	Material	---	Chemical and physicochemical properties of the high cohesive silicone gel from Poly Implant Prothèse (PIP) breast prostheses after explantation: a preliminary, comparative analytical investigation.	Italy	Beretta G, Malacco M.	Medicine	J Pharm Biomed Anal. 2013 May 5;78-79:75-82.
2013	---	---	Material	---	Chemical and biochemical composition of late periprosthetic fluids from women after explantation of ruptured Poly Implant Prothèse (PIP) breast prostheses.	Italy	Beretta G, Richards A, Malacco M.	Medicine	J Pharm Biomed Anal. 2013 Oct;84:159-67.
2013	---	Diagnosis	Material	---	Investigation of the silicone structure in breast implants using 1H NMR.	Germany	Formes A, Diehl B.	Medicine	J Pharm Biomed Anal. 2014 May;93:95-101.
2013	Risk/Safety	---	---	Fault/Scandal/Debate	The PIP scandal: an analysis of the process of quality control that failed to safeguard women from the health risks.	USA	Martindale V, Menache A.	Medicine	J R Soc Med. 2013 May;106(5):173-7.
2013	Causal Relation	---	Rupture	---	Contralateral intramammary silicone lymphadenitis in a patient with an intact standard dual-lumen breast implant in the opposite reconstructed breast.	USA	Collado-Mesa F, et al.	Medicine	J Radiol Case Rep. 2013 Nov 1;7(11):24-31.
2013	Risk/Safety	---	---	---	[Safety of silicone breast implants, especially of Poly Implant Prothèse (PIP) breast implants].	Germany	Hoffmann O.	Medicine	MMW Fortschr Med. 2013 Feb 7;155(2):50-2.
2013	---	---	Rupture	---	[Imaging in silicone breast implantation].	Netherlands	Gielens MP, et al.	Medicine	Ned Tijdschr Geneesk. 2013;157(47):A6412.
2013	Complication	---	---	---	Women with silicone breast implants and unexplained systemic symptoms: a descriptive cohort study.	Netherlands	Maijers MC, et al.	Medicine	Neth J Med. 2013 Dec;71(10):534-40.

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2013	Risk/Safety	---	---	History	Breast implants: history, safety, and imaging.	USA	Johnson M.	Medicine	Radiol Technol. 2013 May-Jun;84(5):439M-515M; quiz 516M-520M.
2013	---	---	Rupture	History	[Actuality with the breast implants].	Belgium	Duchateau J.	Medicine	Rev Med Brux. 2013 Sep;34(4):278-82.
2013	Causal Relation	---	---	---	Acquired thrombotic thrombocytopenic purpura (TTP) induced by silicone breast implants in 37-year old woman.	Poland	Butrym A, et al.	Medicine	Thromb Res. 2013 May;131(5):e223-5.
2013	Complication	---	---	---	Identification of molecular phenotypic descriptors of breast capsular contracture formation using informatics analysis of the whole genome transcriptome.	UK	Kyle DJ, et al.	Medicine	Wound Repair Regen. 2013 Sep-Oct;21(5):762-9.
2013	---	Technology	---	---	Effectiveness of antibacterial copper additives in silicone implants.	Germany	Gosau M, et al.	Science	J Biomater Appl. 2013 Aug;28(2):187-98.
2013	Causal Relation	Treatment	---	---	Influence of curing agent on fibrosis around silicone implants.	India	Joseph J, Mohanty M.	Science	J Biomater Sci Polym Ed. 2013;24(9):1140-51.
2013	Causal Relation	---	---	---	Mediatory role of interleukin-6 in a smooth muscle actin induction and myofibroblast formation around silicone tissue expander.	India	Joseph J, Variathu KT, Mohanty M.	Science	J Biomed Mater Res A. 2013 Oct;101(10):2967-73.
2013	Causal Relation	---	---	---	Should silicone prostheses be considered for specimen banking? A pilot study into their use for human biomonitoring.	Norway	Allan IJ, et al.	Sociology	Environ Int. 2013 Sep;59:462-8.
2013	---	Diagnosis	---	---	Clinical accuracy and reproducibility of Portrait 3D Surgical Simulation Platform in breast augmentation.	USA	Mailey B, et al.	Surgery	Aesthet Surg J. 2013 Jan;33(1):84-92.
2013	Complication	---	---	---	Capsular contracture rate in a low-risk population after primary augmentation mammoplasty.	USA	Blount AL, et al.	Surgery	Aesthet Surg J. 2013 May;33(4):516-21.
2013	Clinical Study	Clinical Study	---	---	Clinical trial outcomes of high- and extra high-profile breast implants.	USA	Largent JA, et al.	Surgery	Aesthet Surg J. 2013 May;33(4):529-39.
2013	---	Experience	Material	---	Conical polyurethane implants: an uplifting augmentation.	UK	Georgeu GA, et al.	Surgery	Aesthet Surg J. 2013 Nov 1;33(8):1116-28.
2013	Complication	---	Bleeding/Migration	---	Silicone lymphadenopathy after breast augmentation: case reports, review of the literature, and current thoughts.	Greece	Zambacos GJ, Molnar C, Mandrekas AD.	Surgery	Aesthetic Plast Surg. 2013 Apr;37(2):278-89.
2013	Complication	Technique	---	---	One-staged silicone implant breast reconstruction following bilateral nipple-sparing prophylactic mastectomy in patients at high-risk for breast cancer.	Turkey	Sahin I, et al.	Surgery	Aesthetic Plast Surg. 2013 Apr;37(2):303-11.
2013	---	Technique	---	---	Capsular flap: new applications.	Israel	Bogdanov-Berezovsky A, et al.	Surgery	Aesthetic Plast Surg. 2013 Apr;37(2):395-7.
2013	Complication	---	---	---	Surgical management of silicone mastitis: case series and review of the literature.	USA	Echo A, et al.	Surgery	Aesthetic Plast Surg. 2013 Aug;37(4):738-45.
2013	Complication	Technique	---	---	Striae distensae after breast augmentation: expected findings versus actual findings.	Brazil	Basile FV, Basile AR, Basile A.	Surgery	Aesthetic Plast Surg. 2013 Aug;37(4):849-50.
2013	---	Technique	---	---	Evaluation of pedicled omental flap delivered through a minilaparotomy for immediate breast reconstruction in obese patients.	Egypt	Khater A.	Surgery	Aesthetic Plast Surg. 2013 Dec;37(6):1140-5.
2013	Complication	Technique	---	---	Striae distensae after breast augmentation.	USA	Naidu NS.	Surgery	Aesthetic Plast Surg. 2013 Feb;37(1):189.

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2013	---	---	Rupture	---	Implant ruptures after augmentation mammoplasty.	Ukraine	Pinchuk V, et al.	Surgery	Aesthetic Plast Surg. 2013 Feb;37(1):60-7.
2013	---	Technique	---	---	Our surgical approach to treatment of congenital, developmental, and acquired breast asymmetries: a review of 30 cases.	Turkey	Yesilada AK, et al.	Surgery	Aesthetic Plast Surg. 2013 Feb;37(1):77-87.
2013	Causal Relation	---	Rupture	---	Ruptured poly-implant protheses breast implant after aesthetic breast augmentation: diagnosis, case management, and histologic evaluation.	Germany	Dieterich M, et al.	Surgery	Aesthetic Plast Surg. 2013 Feb;37(1):91-4.
2013	---	Technique	---	---	Prevention of capsular contracture with Guardix-SG(®) after silicone implant insertion.	Korea	Park SO, Han J, Minn KW, Jin US.	Surgery	Aesthetic Plast Surg. 2013 Jun;37(3):543-8.
2013	Complication	---	---	---	Anaplastic large cell lymphoma of the breast arising around mammary implant capsule: an Italian report.	Italy	Farace F, et al.	Surgery	Aesthetic Plast Surg. 2013 Jun;37(3):567-71.
2013	Risk/Safety	Technique	---	---	One-staged silicone implant breast reconstruction following bilateral nipple-sparing prophylactic mastectomy in patients at high risk for breast cancer.	Lebanon	Atiyeh B, Zgheib E, Sadigh P.	Surgery	Aesthetic Plast Surg. 2013 Oct;37(5):1063-5.
2013	---	---	Rupture	Fault/Scandal/Debate	Poly implant prothèse (PIP) incidence of device failure and capsular contracture: a retrospective comparative analysis.	UK	Khan UD.	Surgery	Aesthetic Plast Surg. 2013 Oct;37(5):906-13.
2013	---	---	Rupture	Fault/Scandal/Debate	The "PIP problem": clinical and histologic characteristics.	Portugal	Correia-Sá I, et al.	Surgery	Aesthetic Plast Surg. 2013 Oct;37(5):936-40.
2013	---	---	---	Fault/Scandal/Debate	[Faulty implants: the court of appeal has ruled surgeon's responsibility].	Monaco	Theissen A, et al.	Surgery	Ann Chir Plast Esthet. 2013 Aug;58(4):267-70.
2013	Complication	---	---	---	[Two cases of lymphoma in an implant capsule: A difficult diagnosis, an unknown pathology].	France	Ivaldi C, et al.	Surgery	Ann Chir Plast Esthet. 2013 Dec;58(6):688-93.
2013	Complication	---	---	---	[About two cases of lymphoma in implant capsule: A difficult diagnosis, an unknown pathology].	France	Ivaldi C, et al.	Surgery	Ann Chir Plast Esthet. 2013 Dec;58(6):688-93.
2013	---	---	---	Fault/Scandal/Debate	[PIP-line].	France	Petit F.	Surgery	Ann Chir Plast Esthet. 2013 Feb;58(1):2-3.
2013	---	Technique	---	---	[Management of breast asymmetry associated with primary funnel chest].	France	Ho Quoc C, et al.	Surgery	Ann Chir Plast Esthet. 2013 Feb;58(1):54-9.
2013	Complication	Treatment	---	---	Antibiotic selection for the treatment of infectious complications of implant-based breast reconstruction.	USA	Weichman KE, et al.	Surgery	Ann Plast Surg. 2013 Aug;71(2):140-3.
2013	Long-Term Effects	---	---	---	Long-Term Effects of Breast Aging in Patients Undergoing Explantation: Analysis of Breast Aesthetics From Before Augmentation to After Explantation.	USA	Paydar KZ, et al.	Surgery	Ann Plast Surg. 2013 Mar 11.
2013	Causal Relation	---	---	---	Implant-Associated Anaplastic Large Cell Lymphoma: Beyond Breast Prostheses.	USA	Kellogg BC, Hiro ME, Payne WG.	Surgery	Ann Plast Surg. 2014 Oct;73(4):461-4.
2013	Complication	Technique	---	---	Augmentation Mammoplasty With Silicone Implant Using Transumbilical Approach at a Subpectoral Level.	Korea	Lee W, et al.	Surgery	Ann Plast Surg. 2014 Sep;73(3):268-74.
2013	---	---	Bleeding	---	Intrathoracic migration of a silicone	USA	Lehoux JM,	Surgery	Ann Thorac Surg. 2013

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			g/Migration		breast implant after video-assisted thoracoscopic surgery.		Tchanchaleishvili V, Jones CE.		Jul;96(1):326.
2013	---	---	Rupture	---	Poly Implant Prothèse silicone breast implant rupture, gel bleed and fatigue in a 'blinded' patient.	Australia	Johnstone B, Read K, Dick W.	Surgery	ANZ J Surg. 2013 Mar;83(3):192-3.
2013	Risk/Safety	---	Property	---	Surface and mechanical analysis of explanted Poly Implant Prosthèse silicone breast implants.	UK	Yildirim L, Seifalian AM, Butler PE.	Surgery	Br J Surg. 2013 May;100(6):761-7.
2013	---	Treatment	---	---	Correction of Poland's Syndrome: Case Report and Review of the Current Literature.	Germany	Lantzsch T, Lampe D, Kantelhardt EJ.	Surgery	Breast Care (Basel). 2013 May;8(2):139-42.
2013	Risk/Safety	---	---	---	Risk factors and risk scoring tool for infection during tissue expansion in tissue expander and implant breast reconstruction.	Japan	Kato H, et al.	Surgery	Breast J. 2013 Nov-Dec;19(6):618-26.
2013	Causal Relation	---	---	---	Anaplastic lymphoma masquerading as breast abscess in a patient with silicone implants.	USA	Singh E, et al.	Surgery	Breast J. 2013 Sep-Oct;19(5):543-5.
2013	---	Technique	---	---	Does the presence of an implant including expander with internal port alter radiation dose? An ex vivo model.	Canada	Strang B, et al.	Surgery	Can J Plast Surg. 2013 Spring;21(1):37-40.
2013	---	Technique	---	---	Utilization of Inferiorly Based Dermofat Flap in Breast Reconstruction after Simple Mastectomy due to Gigantomastia.	Israel	Bogdanov-Berezovsky A, et al.	Surgery	Case Rep Surg. 2013;2013:248969.
2013	---	Treatment	---	---	Treatment of congenital absence of the mammary gland.	Japan	Yazawa M, et al.	Surgery	Case Rep Surg. 2013;2013:676573.
2013	Causal Relation	---	---	---	Gossypiboma after breast augmentation.	Denmark	Lundin K, et al.	Surgery	Case Rep Surg. 2013;2013:808624.
2013	---	Technique	Bleeding/Migration	---	Dual pedicle mastopexy technique for reorientation of volume and shape after subglandular and submuscular breast implant removal.	USA	Gurunluoglu R, Kubek E, Arton J.	Surgery	Eplasty. 2013 Sep 16;13:e48.
2013	Causal Relation	Diagnosis	Bleeding/Migration	---	Fluorodeoxyglucose--positive internal mammary lymph node in breast cancer patients with silicone implants: is it always metastatic cancer?	Israel	Soudack M, et al.	Surgery	Eur J Cardiothorac Surg. 2013 Jul;44(1):79-82.
2013	Complication	Treatment	---	---	The effect of montelukast and antiadhesion barrier solution on the capsule formation after insertion of silicone implants in a white rat model.	Korea	Yang JD, et al.	Surgery	Eur Surg Res. 2013;51(3-4):146-55.
2013	---	Treatment	---	---	Extracorporeal shock wave treatment of capsular fibrosis after mammary augmentation - Preliminary results.	Germany	Heine N, Prantl L, Eisenmann-Klein M.	Surgery	J Cosmet Laser Ther. 2013 Dec;15(6):330-3.
2013	Complication	---	---	---	Breast implant associated anaplastic large cell lymphoma: a case report and reconstructive option.	Australia	De Silva IM, Teague JA, Blake WE.	Surgery	J Plast Reconstr Aesthet Surg. 2013 Dec;66(12):1773-6.
2013	---	---	Rupture	---	Bilateral supraclavicular swelling: an unusual presentation of ruptured Poly Implant Prosthèse (PIP) breast implants.	UK	Manickavasagar T, Morrill AN, Offer GJ.	Surgery	J Plast Reconstr Aesthet Surg. 2013 Feb;66(2):267-9.
2013	Clinical Study	Clinical Study	---	---	Natrelle Style 510 in breast augmentation surgery.	Italy	De Vita R, Buccheri EM.	Surgery	J Plast Reconstr Aesthet Surg. 2013 Mar;66(3):440-2.
2013	Causal	---	Rupture	---	Axillary lipogranuloma mimicking	Turkey	Gundeslioglu	Surgery	J Plast Reconstr Aesthet

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	Relation				carcinoma metastasis after silicone breast implant rupture: a case report.		AO, et al.		Surg. 2013 Mar;66(3):e72-5.
2013	Experience	Experience	---	---	A single surgeon's experience of the PIP breast implant "saga": indications for surgery and treatment options.	UK	Malata CM, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2013 May;66(5):e141-5.
2013	Complication	Technique	---	---	Experimental total wrapping of breast implants with acellular dermal matrix: a preventive tool against capsular contracture in breast surgery?	Germany	Schmitz M, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2013 Oct;66(10):1382-9.
2013	Clinical Study	Clinical Study	---	---	Primary breast augmentation clinical trial outcomes stratified by surgical incision, anatomical placement and implant device type.	USA	Namnoum JD, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2013 Sep;66(9):1165-72.
2013	Complication	---	Rupture	---	PIP implant biodurability: a post-publicity update.	UK	Berry MG, Stanek JJ.	Surgery	J Plast Reconstr Aesthet Surg. 2013 Sep;66(9):1174-81.
2013	---	---	Rupture	---	PIP silicone breast implants: rupture rates based on the explantation of 676 implants in a single surgeon series.	UK	Quaba O, Quaba A.	Surgery	J Plast Reconstr Aesthet Surg. 2013 Sep;66(9):1182-7.
2013	---	Technique	---	---	Propeller TAP flap: is it usable for breast reconstruction?	Denmark	Thomsen JB, et al.	Surgery	J Plast Surg Hand Surg. 2013 Oct;47(5):379-82.
2013	---	---	Rupture	---	Poly implant breast implants (PIP) and the rupture risk in asymptomatic patients: a warning for greater clinician suspicion in assessment and counselling.	UK	Mylvaganam S, Taylor R, Thrush S.	Surgery	J Surg Case Rep. 2013 Feb 6;2013(2).
2013	---	---	Rupture	---	Bilateral poly implant prothèse implant rupture: an uncommon presentation.	France	Mallon P, et al.	Surgery	Plast Reconstr Surg Glob Open. 2013 Aug 7;1(4):e29.
2013	Causal Relation	---	Rupture	---	High-grade Angiosarcoma Associated with Ruptured Breast Implants.	Australia	Smoll NR, et al.	Surgery	Plast Reconstr Surg Glob Open. 2013 May 7;1(1). pii: e11-e13.
2013	---	---	Material	---	Silicone breast implants are thicker than water.	Australia	Hsieh F, Miroshnik M, Lam TC.	Surgery	Plast Reconstr Surg Glob Open. 2013 Oct 7;1(6):e43.
2013	---	---	Rupture	---	Rupture of poly implant prothèse silicone breast implants: an implant retrieval study.	Australia	Swarts E, et al.	Surgery	Plast Reconstr Surg. 2013 Apr;131(4):480e-9e.
2013	---	---	Rupture	Fault/Scandal/Debate	The impact of poly implant prothèse fraud on breast cancer patients: a report by the institut curie.	France	Reyal F, et al.	Surgery	Plast Reconstr Surg. 2013 Apr;131(4):690-5.
2013	---	Diagnosis	---	---	Effects of silicone expanders and implants on echocardiographic image quality after breast reconstruction.	Italy	Pignatti M, et al.	Surgery	Plast Reconstr Surg. 2013 Aug;132(2):271-8.
2013	Complication	---	---	---	Subglandular breast augmentation with textured, anatomic, cohesive silicone implants: a review of 440 consecutive patients.	Canada	Lista F, et al.	Surgery	Plast Reconstr Surg. 2013 Aug;132(2):295-303.
2013	---	QoL	---	---	Outcomes analysis of patients undergoing autoaugmentation after breast implant removal.	USA	Gurunluoglu R, Sacak B, Arton J.	Surgery	Plast Reconstr Surg. 2013 Aug;132(2):304-15.
2013	---	Diagnosis	---	---	A new, simple method to describe magnetic resonance imaging of silicone breast implants: silicone implants reporting and data system.	Netherlands	Maijers MC, et al.	Surgery	Plast Reconstr Surg. 2013 Dec;132(6):1085e-7e.
2013	Complica	---	---	---	Novel rat model of methicillin-resistant	Israel	Arad E, et al.	Surgery	Plast Reconstr Surg. 2013

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	tion				Staphylococcus aureus-infected silicone breast implants: a study of biofilm pathogenesis.				Feb;131(2):205-14.
2013	---	---	---	Fault/Scandal/Debaclé	The poly implant prothèse debaclé.	UK	Berry MG, Stanek JJ.	Surgery	Plast Reconstr Surg. 2013 Jan;131(1):110e-2e.
2013	---	---	---	Fault/Scandal/Debaclé	Reply: The poly implant prothèse debaclé.	Netherlands	Maijers MC, Niessen FB.	Surgery	Plast Reconstr Surg. 2013 Jan;131(1):112e-4e.
2013	---	Treatment	---	---	The role of silicone granulomas in recurrent capsular contracture: a review of the literature and an approach to management.	USA	Potter EH, Rohrich RJ, Bolden KM.	Surgery	Plast Reconstr Surg. 2013 Jun;131(6):888e-895e.
2013	Causal Relation	---	---	---	Sarcoidosis of the Breasts following Silicone Implant Placement.	USA	Sun HH, et al.	Surgery	Plast Reconstr Surg. 2013 Jun;131(6):939e-940e.
2013	---	Treatment	Rupture	---	The clinical and diagnostic consequences of Poly Implant Prothèse silicone breast implants, recalled from the European market in 2010.	Netherlands	Maijers MC, Niessen FB.	Surgery	Plast Reconstr Surg. 2013 Mar;131(3):394e-402e.
2013	---	QoL	---	---	Patient-reported satisfaction and health-related quality of life following breast reconstruction: a comparison of shaped cohesive gel and round cohesive gel implant recipients.	Canada	Macadam SA, et al.	Surgery	Plast Reconstr Surg. 2013 Mar;131(3):431-41.
2013	Complication	Technique	---	---	Striae distensae after breast augmentation: treatment using the nonablative fractionated 1550-nm erbium glass laser.	et al.	et al.	Surgery	Plast Reconstr Surg. 2013 Mar;131(3):636-42.
2013	---	---	Rupture	---	Breast implant rupture: causes, incidence, clinical impact, and management.	USA	Handel N, Garcia ME, Wixtrom R.	Surgery	Plast Reconstr Surg. 2013 Nov;132(5):1128-37.
2013	Risk/Safety	Technique	---	---	Endoscopic thyroidectomy via a transaxillary approach is a safe procedure in patients with breast augmentation.	Korea	Lee YS, et al.	Surgery	Surg Innov. 2013 Jun;20(3):230-3.
2013	---	---	Rupture	---	Poly implant prothèse (PIP) breast implants: our experience.	UK	Chummun S, McLean NR.	Surgery	Surgeon. 2013 Oct;11(5):241-5.
2013	---	---	---	Guideline	[Guidelines for breast augmentation with silicone implants].	China	[No authors listed]	Surgery	Zhonghua Zheng Xing Wai Ke Za Zhi. 2013 Jan;29(1):1-4.
2014	Complication	Diagnosis	---	---	Magnetic resonance imaging of breast implants.	USA	Shah M, Tanna N, Margolies L.	Medical Devices	Top Magn Reson Imaging. 2014 Dec;23(6):345-53.
2014	Causal Relation	---	---	---	A rare cause of spiculated breast mass mimicking carcinoma: silicone granuloma following breast implant removal.	Croatia	Alduk AM, Brcic I, Prutki M.	Medicine	Acta Clin Belg. 2014 Oct 8
2014	---	QoL	---	---	Quality of life and anxiety of patients affected by the PIP/Rofil Medical breast implant recall: results from a prospective monocentre cohort study.	Germany	Schott S, et al.	Medicine	Arch Gynecol Obstet. 2014 Nov;290(5):957-62.
2014	Causal Relation	---	---	---	Mesenchymal stem cells seeded on cross-linked and noncross-linked acellular porcine dermal scaffolds for long-term full-thickness hernia repair in a small animal model.	Czech	Mestak O, et al.	Medicine	Artif Organs. 2014 Jul;38(7):572-9.

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2014	---	Treatment	---	---	Breast augmentation with an unknown substance.	Australia	Ebrahim L, et al.	Medicine	BMJ Case Rep. 2014 Jun 23;2014.
2014	Complication	---	---	---	Microscopic Polyangiitis following Silicone Exposure from Breast Implantation.	USA	Tan J, et al.	Medicine	Case Rep Nephrol. 2014;2014:902089.
2014	Complication	---	---	---	Systemic sclerosis and silicone breast implant: a case report and review of the literature.	Greece	Psarras A, et al.	Medicine	Case Rep Rheumatol. 2014;2014:809629.
2014	Complication	---	---	---	Primary cutaneous follicle center lymphoma arising adjacent to silicone breast implant.	USA	Jones JC, et al.	Medicine	Clin Breast Cancer. 2014 Apr;14(2):e65-7.
2014	Complication	---	---	---	Autoimmune/inflammatory syndrome induced by adjuvants (ASIA) due to silicone implant incompatibility syndrome in three sisters.	Netherlands	Kappel RM, Cohen Tervaert JW, Pruijn GJ.	Medicine	Clin Exp Rheumatol. 2014 Mar-Apr;32(2):256-8.
2014	Causal Relation	---	Rupture	---	Scleroderma renal crisis following silicone breast implant rupture: a case report and review of the literature.	New Zealand	Al Aranj G, White D, Solanki K.	Medicine	Clin Exp Rheumatol. 2014 Mar-Apr;32(2):262-6
2014	Complication	Diagnosis	---	---	Semiquantitative measurements of capsular contracture with elastography - First results in correlation to Baker Score.	Germany	Prantl L, et al.	Medicine	Clin Hemorheol Microcirc. 2014;58(4):521-8
2014	---	Diagnosis	---	---	Semiquantitative measurements of capsular contracture with elastography--first results in correlation to Baker Score.	Germany	Prantl L, et al.	Medicine	Clin Hemorheol Microcirc. 2014;58(4):521-8.
2014	Risk/Safety	---	---	Regulation/Sociology	Regulation of medicines and medical devices: contrasts and similarities.	UK	Parvizi N, Woods K.	Medicine	Clin Med. 2014 Feb;14(1):6-12.
2014	Complication	---	---	---	Silicone lymphadenopathy: Presentation of a further case containing asteroid bodies on fine-needle cytology sample.	Italy	Malzone MG, et al.	Medicine	Diagn Cytopathol. 2015 Jan;43(1):57-9.
2014	---	Diagnosis	---	---	Impact of fibroglandular tissue and background parenchymal enhancement on diffusion weighted imaging of breast lesions.	Italy	Iacconi C, et al.	Medicine	Eur J Radiol. 2014 Dec;83(12):2137-43.
2014	---	Diagnosis	Rupture	---	MRI screening for silicone breast implant rupture: accuracy, inter- and intraobserver variability using explantation results as reference standard.	Netherlands	Maijers MC, et al.	Medicine	Eur Radiol. 2014 Jun;24(6):1167-75
2014	Risk/Safety	Technique	---	---	Biological Matrices and Synthetic Meshes Used in Implant-based Breast Reconstruction - a Review of Products Available in Germany.	Germany	Dieterich M, Faridi A.	Medicine	Geburtshilfe Frauenheilkd. 2013 Nov;73(11):1100-1106.
2014	---	Diagnosis	Rupture	---	Correlation between MRI results and intraoperative findings in patients with silicone breast implants.	Switzerland	Lindenblatt N, et al.	Medicine	Int J Womens Health. 2014 Jul 30;6:703-9.
2014	Risk/Safety	Treatment	---	---	Breast conservation therapy without capsular contracture in young augmented women using interstitial brachytherapy.	USA	Kuske R.	Medicine	J Contemp Brachytherapy. 2014 Jun;6(2):231-5.
2014	Complication	Technique	Material	---	Analytical investigations on elastomeric shells of new Poly Implant Prothèse (PIP) breast and from sixteen cases of surgical	Italy	Beretta G, et al.	Medicine	J Pharm Biomed Anal. 2014 Sep;98:144-52.

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					explantation.				
2014	---	Technique	---	---	[Breast cancer patient satisfaction with immediate two-stage implant-based breast reconstruction].	Czech	Coufal O, et al.	Medicine	Klin Onkol. 2014;27(5):353-60.
2014	---	Technique	---	---	Use of proton beams with breast prostheses and tissue expanders.	USA	Moyers MF, et al.	Medicine	Med Dosim. 2014 Spring;39(1):98-101.
2014	Complication	---	---	---	Anaplastic large cell lymphoma (ALCL) and breast implants: breaking down the evidence.	Australia	Ye X, et al.	Medicine	Mutat Res Rev Mutat Res. 2014 Oct-Dec;762:123-32.
2014	Complication	Diagnosis	---	---	Update on imaging of the postsurgical breast.	USA	Margolis NE, et al.	Medicine	Radiographics. 2014 May-Jun;34(3):642-60.
2014	---	Diagnosis	Rupture	---	MR Evaluation of Breast Implants.	USA	Middleton MS.	Medicine	Radiol Clin North Am. 2014 May;52(3):591-608.
2014	Complication	---	---	---	[Breast implants-related infections].	France	Lebeaux D, Pittet-Cuénod B.	Medicine	Rev Prat. 2014 May;64(5):665-6.
2014	Complication	Technique	---	---	Intrapelvic placement of a breast implant to allow deferred ileoanal pouch anastomosis after emergency proctocolectomy.	Spain	Enriquez-Navascués JM, et al.	Medicine	Tech Coloproctol. 2014 Mar;18(3):303-4.
2014	Complication	Technique	---	---	Immediate nipple-areola-sparing mastectomy reconstruction: An update on oncological and reconstruction techniques.	Brazil	Munhoz AM, et al.	Medicine	World J Clin Oncol. 2014 Aug 10;5(3):478-94.
2014	---	QoL	---	---	Comparing patient satisfaction in bilateral and unilateral breast reconstruction.	USA	Sinno S, Salvino MJ, Vandevender D.	Nursing	Plast Surg Nurs. 2014 Jul-Sep;34(3):141-5; quiz 146-7.
2014	Complication	---	---	---	Alleviation of capsular formations on silicone implants in rats using biomembrane-mimicking coatings.	Korea	Park JU, et al.	Science	Acta Biomater. 2014 Oct;10(10):4217-25.
2014	---	---	Surface Type	---	Physico-chemical characteristics of coated silicone textured versus smooth breast implants differentially influence breast-derived fibroblast morphology and behaviour.	UK	Valencia-Lazcano AA, Alonso-Rasgado T, Bayat A.	Science	J Mech Behav Biomed Mater. 2014 Dec;40:140-55.
2014	Complication	---	---	---	Incidence and risk factors of Striae Distensae following breast augmentation surgery: a cohort study.	Brazil	Valente DS, et al.	Science	PLoS One. 2014 May 20;9(5):e97493.
2014	Causal Relation	---	---	---	Silicone implants--a possible confounder for urinary platinum background concentrations?	Germany	Schierl R, et al.	Sociology	Environ Res. 2014 Jul;132:269-72.
2014	Risk/Safety	---	---	Fault/Scandal/Debate	'IF IT AIN'T BROKE, DON'T FIX IT?': SCANDALS, 'RISK', AND COSMETIC SURGERY REGULATION IN THE UK AND FRANCE.	UK	Latham M.	Sociology	Med Law Rev. 2014 Summer;22(3):384-408.
2014	Risk/Safety	---	---	History	The history and safety of breast implants.	Czech	Molitor M, et al.	Surgery	Acta Chir Plast. 2014;56(1-2):15-9.
2014	Complication	---	Material	---	Coating of an anti-Fas antibody on silicone: first in vivo results.	Germany	Steiert N, et al.	Surgery	Aesthet Surg J. 2014 Jan 1;34(1):175-82.
2014	Complication	---	---	---	Breast Implant-Associated Anaplastic Large Cell Lymphoma: Report of 2 Cases and Review of the Literature.	USA	Hart AM, et al.	Surgery	Aesthet Surg J. 2014 Jun 17;34(6):884-894.
2014	Complication	---	---	---	Autologous Fat Grafting for Treatment of Breast Implant Capsular Contracture: A Study in Pigs.	Brazil	Roça GB, et al.	Surgery	Aesthet Surg J. 2014 Jun 24;34(5):769-775.

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2014	---	Diagnosis	---	---	Three-Dimensional Imaging for Breast Augmentation: Is This Technology Providing Accurate Simulations?	USA	Roostaecian J, Adams WP Jr.	Surgery	Aesthet Surg J. 2014 Jun 26;34(6):857-875.
2014	Clinical Study	Clinical Study	---	---	Transaxillary Nonendoscopic Subpectoral Augmentation Mammoplasty: A 10-Year Experience With Gel vs Saline in 2000 Patients--With Long-Term Patient Satisfaction Measured by the BREAST-Q.	USA	Gryskiewicz J, Leduc R.	Surgery	Aesthet Surg J. 2014 May 2;34(5):696-713.
2014	Complication	---	---	---	Pathologic Findings in Primary Capsulectomy Specimens: Analysis of 2531 Patients.	Netherlands	Lapid O, Noels EC, Meijer SL.	Surgery	Aesthet Surg J. 2014 May 8;34(5):714-718
2014	Complication	---	---	---	Breast striae after cosmetic augmentation.	USA	Tsai TL, et al.	Surgery	Aesthet Surg J. 2014 Sep;34(7):1050-8.
2014	---	Technique	---	---	One-stage breast reconstruction using the inferior dermal flap, implant, and free nipple graft.	UK	King IC, Harvey JR, Bhaskar P.	Surgery	Aesthetic Plast Surg. 2014 Apr;38(2):358-64.
2014	---	Technique	Material	---	A simple method to inset and position polyurethane-covered breast implants.	Italy	Castello MF, et al.	Surgery	Aesthetic Plast Surg. 2014 Apr;38(2):365-8.
2014	---	Technique	---	---	Immediate Implant Breast Reconstruction with Acellular Dermal Matrix for Treatment of a Large Recurrent Malignant Phyllodes Tumor.	USA	Farias-Eisner GT, et al.	Surgery	Aesthetic Plast Surg. 2014 Apr;38(2):373-8.
2014	Complication	---	---	---	Intraoperative irreversible deformation of Allergan's style 410 breast implant.	UK	Nathan B, Nash Z, Nathan M.	Surgery	Aesthetic Plast Surg. 2014 Apr;38(2):484.
2014	Complication	Technique	---	---	Augmentation mastopexy: maximal reduction and stable implant coverage using four flaps.	Spain	Forcada EM, et al.	Surgery	Aesthetic Plast Surg. 2014 Aug;38(4):711-7.
2014	---	---	Material	---	Clear to cloudy: silicone breast implants in vivo.	USA	Taylor EM, et al.	Surgery	Aesthetic Plast Surg. 2014 Aug;38(4):827-9.
2014	Complication	---	---	---	Effect of Antiadhesion Barrier Solution and Fibrin on Capsular Formation After Silicone Implant Insertion in a White Rat Model.	Korea	Lee SG, et al.	Surgery	Aesthetic Plast Surg. 2014 Dec 17.
2014	Complication	---	---	Registry	The Austrian breast implant register: recent trends in implant-based breast surgery.	Austria	Wurzer P, et al.	Surgery	Aesthetic Plast Surg. 2014 Dec;38(6):1109-15.
2014	---	Technique	---	---	Correction of asymmetric pectus excavatum using a virtually designed silicone implant.	Germany	Wallmichrath J, et al.	Surgery	Aesthetic Plast Surg. 2014 Feb;38(1):146-50.
2014	Complication	Technique	---	---	Pulsed Acoustic Cellular Expression (PACE) Reduces Capsule Formation Around Silicone Implants.	Germany	Reichenberger MA, et al.	Surgery	Aesthetic Plast Surg. 2014 Feb;38(1):244-51.
2014	Complication	Technique	---	---	[Optimization of primary aesthetic breast augmentation using implants: An evidence-based level approach.]	France	Elfakir H, Shipkov H, Mojallal A.	Surgery	Ann Chir Plast Esthet. 2014 Apr;59(2):89-96.
2014	---	Technique	---	---	Single-stage nipple-areolar complex reconstruction technique, outcomes, and patient satisfaction.	USA	Liliav B, et al.	Surgery	Ann Plast Surg. 2014 Nov;73(5):492-7.
2014	---	Technique	---	---	Autologous fat transfer for breast augmentation: a systematic review.	Australia	Leopardi D, et al.	Surgery	ANZ J Surg. 2014 Apr;84(4):225-30.
2014	---	Technique	---	---	Methylene blue dye-induced skin necrosis in immediate breast reconstruction: evaluation and management.	Korea	Lee JH, et al.	Surgery	Arch Plast Surg. 2014 May;41(3):258-63.
2014	---	---	Rupture	---	A retrospective analysis of ruptured	Korea	Baek WY, Lew	Surgery	Arch Plast Surg. 2014

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					breast implants.		DH, Lee DW.		Nov;41(6):734-9.
2014	---	Technique	---	---	Immediate direct-to-implant breast reconstruction using anatomical implants.	Korea	Kim SE, et al.	Surgery	Arch Plast Surg. 2014 Sep;41(5):529-34.
2014	Complication	Diagnosis	---	---	Fibromatosis associated with silicone breast implant: ultrasonography and MR imaging findings.	Korea	Shim HS, et al.	Surgery	Breast J. 2014 Nov-Dec;20(6):645-9.
2014	Complication	---	Bleeding/Migration	---	Late unilateral hematoma after breast augmentation.	Canada	Peters W, Fornasier V, Howarth D.	Surgery	Can J Plast Surg. 2014 Spring;22(1):18-21.
2014	Complication	---	---	---	Increasing pulmonary infiltrates in a 72-year-old woman with metastatic breast cancer.	USA	Bois MC, et al.	Surgery	Chest. 2014 Dec;146(6):e208-11.
2014	---	---	Rupture	---	A 60-year-old woman with PET scan-avid lung nodules and a history of a ruptured silicone breast implant.	USA	Karnatovskaia LV, et al.	Surgery	Chest. 2014 Oct;146(4):e138-42.
2014	---	---	Rupture	---	[Infiltration of an axillary lymph node by silicone from a ruptured breast prosthesis].	Spain	Fidalgo Garcia M, et al.	Surgery	Cir Esp. 2014 Feb;92(2):e7.
2014	---	Technique	---	---	DermACELL: a novel and biocompatible acellular dermal matrix in tissue expander and implant-based breast reconstruction.	USA	Bullocks JM.	Surgery	Eur J Plast Surg. 2014;37(10):529-538.
2014	?	?	?	?	The impossible voyage.	USA	Visco AG.	Surgery	Female Pelvic Med Reconstr Surg. 2014 Jan-Feb;20(1):1-6.
2014	---	---	Rupture	---	PIP breast implants: rupture rate and correlation with breast cancer.	Italy	Moschetta M, et al.	Surgery	G Chir. 2014 Nov-Dec;35(11-12):274-8.
2014	---	---	Rupture	---	Sentinel lymph node biopsy in a patient with ruptured poly implant prothese (PIP) implants: A case report.	UK	Tafazal H, Basu NN, Jewkes A.	Surgery	Int J Surg Case Rep. 2014;5(12):992-4.
2014	---	Diagnosis	---	---	Validation of the Kinect device as a new portable imaging system for three-dimensional breast assessment.	Germany	Henseler H, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2014 Apr;67(4):483-8.
2014	Complication	---	---	---	Anaplastic large cell lymphoma in a reconstructed breast using a silicone implant: A UK case report.	UK	Sørensen K, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2014 Apr;67(4):561-3.
2014	Complication	Diagnosis	---	---	Where the PIP is the implant?	Netherlands	Bruintjes MH, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2014 Aug;67(8):1148-50.
2014	---	---	Rupture	---	PIP silicone breast implants.	UK	Berry MG, Stanek JJ.	Surgery	J Plast Reconstr Aesthet Surg. 2014 Jan;67(1):127-8.
2014	---	---	Bleeding/Migration	Recall	Recall management of patients with Rofil Medical breast implants.	Germany	Schott S, et al.	Surgery	J Plast Reconstr Aesthet Surg. 2014 Jul;67(7):939-45.
2014	Complication	---	Rupture	Regulation/Sociology	PIP breast implant removal: A study of 828 cases.	France	Oulharj S, Pauchot J, Tropet Y.	Surgery	J Plast Reconstr Aesthet Surg. 2014 Mar;67(3):302-7.
2014	Causal Relation	---	Bleeding/Migration	---	Inflammatory changes of the nipple areolar complex of a patient with PIP breast implants: A possible immune response to free silicone from gel bleed?	UK	Tickunas T, Howarth S, Godwin Y.	Surgery	J Plast Reconstr Aesthet Surg. 2014 Mar;67(3):423-5.
2014	Complica	---	---	---	The effect of a bacterial contamination	Germany	Bergmann PA, et	Surgery	J Plast Reconstr Aesthet

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	tion				on the formation of capsular contracture with polyurethane breast implants in comparison with textured silicone implants: An animal study.		al.		Surg. 2014 Oct;67(10):1364-70.
2014	Complication	---	Surface Type	---	Shaped versus Round Implants for Breast Reconstruction: Indications and Outcomes.	USA	Nahabedian MY.	Surgery	Plast Reconstr Surg Glob Open. 2014 Apr 7;2(3):e116.
2014	---	Treatment	---	---	Silicone breast implants can save lives.	USA	Rosen H, Brzezienski M, Higdon KK.	Surgery	Plast Reconstr Surg Glob Open. 2014 Jul 9;2(6):e169.
2014	Risk/Safety	---	---	---	Five-year Safety Data for Eurosilicone's Round and Anatomical Silicone Gel Breast Implants.	Ireland	Duteille F, et al.	Surgery	Plast Reconstr Surg Glob Open. 2014 May 7;2(4):e138.
2014	---	---	Design	---	Abstract 27: Shaped versus Round Silicone Breast Implants in Breast Reconstruction: Prospective Data through 8 Years.	USA	Caplin DA, Garcia E, Canady J.	Surgery	Plast Reconstr Surg. 2014 Apr;133(4 Suppl):993.
2014	---	QoL	---	---	Understanding the effect of breast augmentation on quality of life: prospective analysis using the BREAST-Q.	USA	Alderman AK, et al.	Surgery	Plast Reconstr Surg. 2014 Apr;133(4):787-95.
2014	---	Diagnosis	Rupture	Recall	Magnetic resonance imaging screening results compared with explantation results in poly implant prothèse silicone breast implants, recalled from the European market in 2010.	Netherlands	Maijers MC, et al.	Surgery	Plast Reconstr Surg. 2014 Feb;133(2):114e-20e.
2014	---	---	Design	---	The evolution of breast implants.	USA	Maxwell GP, Gabriel A.	Surgery	Plast Reconstr Surg. 2014 Jul;134(1 Suppl):12S-7S.
2014	Experience	Experience	---	---	Algorithm and techniques for using Sientra's silicone gel shaped implants in primary and revision breast augmentation.	USA	Schwartz MR.	Surgery	Plast Reconstr Surg. 2014 Jul;134(1 Suppl):18S-27S.
2014	---	---	Design	---	The Sientra Shaped and Round Cohesive Gel Implants supplement.	USA	Rohrich RJ.	Surgery	Plast Reconstr Surg. 2014 Jul;134(1 Suppl):1S-2S.
2014	Experience	Experience	---	---	Algorithm and techniques for using Sientra's highly cohesive shaped silicone gel implants in primary and revision breast reconstruction.	USA	Nahabedian MY.	Surgery	Plast Reconstr Surg. 2014 Jul;134(1 Suppl):28S-37S.
2014	Clinical Study	Clinical Study	---	---	Sientra portfolio of Silimed brand shaped implants with high-strength silicone gel: a 5-year primary augmentation clinical study experience and a postapproval experience-results from a single-surgeon 108-patient series.	USA	Haws MJ, et al.	Surgery	Plast Reconstr Surg. 2014 Jul;134(1 Suppl):38S-46S.
2014	---	---	Material	---	Silicone gel breast implants: science and testing.	USA	Kinney BM, et al.	Surgery	Plast Reconstr Surg. 2014 Jul;134(1 Suppl):47S-56S.
2014	---	---	Design	---	Preface to the Sientra Shaped and Round Cohesive Gel Implants supplement.	USA	Nahabedian MY.	Surgery	Plast Reconstr Surg. 2014 Jul;134(1 Suppl):4S-5S.
2014	---	---	Design	---	The biology and evolution of cohesive gel and shaped implants.	USA	Calobrace MB, Capizzi PJ.	Surgery	Plast Reconstr Surg. 2014 Jul;134(1 Suppl):6S-11S.
2014	---	Diagnosis	Rupture	---	Appropriate use of magnetic resonance imaging and ultrasound to detect early silicone gel breast implant rupture in postmastectomy reconstruction.	Italy	Rietjens M, et al.	Surgery	Plast Reconstr Surg. 2014 Jul;134(1):13e-20e.

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2014	---	Diagnosis	Rupture	---	Discussion: appropriate use of magnetic resonance imaging and ultrasound to detect early silicone gel breast implant rupture in postmastectomy reconstruction.	USA	Nahabedian MY.	Surgery	Plast Reconstr Surg. 2014 Jul;134(1):21e-23e.
2014	Clinical Study	Clinical Study	---	---	Natrelle round silicone breast implants: core study results at 10 years.	USA	Spear SL, et al.	Surgery	Plast Reconstr Surg. 2014 Jun;133(6):1354-61.
2014	Clinical Study	Clinical Study	---	---	Discussion: Natrelle round silicone breast implants: core study results at 10 years.	USA	Caterson SA, Orgill DP.	Surgery	Plast Reconstr Surg. 2014 Jun;133(6):1362-3.
2014	---	Diagnosis	---	---	Radiologic evaluation of women following cosmetic breast augmentation with silicone implants and fat grafting.	USA	Cameron JA, et al.	Surgery	Plast Reconstr Surg. 2014 Oct;134(4 Suppl 1):91-2.
2014	Clinical Study	Clinical Study	---	---	Long-Term Clinical Performance of MemoryShape™ Silicone Breast Implants in Breast Augmentation: Prospective Data through 9 Years.	USA	Caplin DA, et al.	Surgery	Plast Reconstr Surg. 2014 Oct;134(4 Suppl 1):92-3.
2014	---	---	Design	---	The design and engineering of the MemoryShape breast implant.	USA	Calobrace MB.	Surgery	Plast Reconstr Surg. 2014 Sep;134(3 Suppl):10S-5S.
2014	---	Technique	---	---	Technique and results using MemoryShape implants in aesthetic and reconstructive breast surgery.	USA	Hammond DC.	Surgery	Plast Reconstr Surg. 2014 Sep;134(3 Suppl):16S-26S.
2014	Clinical Study	Clinical Study	---	---	Shaped silicone gel implants: Mentor MemoryShape breast implant.	USA	Rohrich RJ.	Surgery	Plast Reconstr Surg. 2014 Sep;134(3 Suppl):1S-3S.
2014	Clinical Study	Clinical Study	---	---	Indications for the use of MemoryShape breast implants in aesthetic and reconstructive breast surgery: long-term clinical outcomes of shaped versus round silicone breast implants.	USA	Caplin DA.	Surgery	Plast Reconstr Surg. 2014 Sep;134(3 Suppl):27S-37S.
2014	Clinical Study	Clinical Study	---	---	MemoryShape: impact of clinical trials, global medical economics, and the future.	USA	Cunningham BL, Suszynski T, Sieber DA.	Surgery	Plast Reconstr Surg. 2014 Sep;134(3 Suppl):38S-45S.
2014	---	---	Design	---	Anatomic gel implants: from concept to device.	USA	Calobrace MB, Hammond D.	Surgery	Plast Reconstr Surg. 2014 Sep;134(3 Suppl):4S-9S.

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東京女子医科大学・早稲田大学共同大学院
共同先端生命医科学専攻
中崎知道

研究業績

1. 論文 ○原著	<u>Tomomichi Nakazaki</u> , Koji Ikeda, Kiyotaka Iwasaki, Mitsuo Umezu. Regulatory Science of New Technology – Tendency of Medical Professionals’ Interest on Silicone Brest Implant. Journal of Artificial Organs (in printing)
原著	Toru Matsumoto, Keisuke Matsumoto, <u>Tomomichi Nakazaki</u> , Hiroshi Iseki, Ken Masamune. Assessment of Regulatory Compliance Issues involving Reprocessing of Single Use Devices in the United States. Pharmaceutical and Medical Device Regulatory Science. 2015;46(11):788-799
原著	Yamashita S, Mochizuki A, <u>Nakazaki T</u> , Seita Y, Sawamoto J, Endo F, Yui N, Ogata N, Kataoka K, Okano T, Sakurai Y. A new blood compatible and permselective hollow fiber membrane for hemodialysis. ASAIO J. 1996 Nov-Dec;42(6):1019-26.
2. 講演 講演	<u>中崎知道</u> 、品質管理マネジメント・生命倫理、2019年度医工連携事業化推進事業 医工連携セミナー、東京、2019年12月19日
講演	<u>中崎知道</u> 、設計検証とリスクマネジメント、2019年度医工連携事業化推進事業 医工連携セミナー、東京、2019年12月13日
講演	<u>中崎知道</u> 、「リスクとベネフィットのバランス」を考える、医療機器開発人材育成講座 特別セミナー、第3回実践に基づく医療イノベーション研究会、東京、2019年6月7日
講演	<u>中崎知道</u> 、第8講:使用成績評価と市販後安全管理、レギュラトリーサイエンス エキスパート研修会、東京、2019年2月6日
講演	<u>中崎知道</u> 、Who killed QMS in Japan?、医療機器人材育成講座 教育コース(ARIA)、福岡、2018年11月23日
講演	<u>中崎知道</u> 、認証制度の歴史的必然性に関する考察、若手シンポジウム「僕たちはどう生きるか ～認証システムの導入を参考に～」、第2回実践に基づく医療イノベーション研究会、東京、2018年6月30日
講演	<u>中崎知道</u> 、市販前に実施された非臨床試験及び臨床試験の限界、可能性について、シンポジウム4「非臨床試験の限界、臨床試験の限界」第2回実践に基づく医療イノベーション研究会、東京、2018年6月30日
講演	<u>中崎知道</u> 、第11講:使用成績評価と市販後安全管理、レギュラトリーサイエンス エキスパート研修会、東京、2018年2月7日
講演	<u>中崎知道</u> 、医師が適正使用を行うために必要な情報はいつ必要なのか?、ARIA-RSのあ

	り方研究会コラボレーション企画「医療機器の治験・臨床試験を実施する前に知っておきたいこと」(ARIA)、福岡、2017年11月24日
講演	中崎知道、科学哲学と社会システム、第1回レギュラトリーサイエンスのあり方研究会、仙台、2017年6月24日
講演	中崎知道、ニーズ始考とシステムズ思考、第7回豊橋ライブ、豊橋、2017年5月26日
講演	中崎知道、第11講:市販後安全管理、レギュラトリーサイエンス エキスパート研修会、東京、2017年3月1日
講演	中崎知道、システム思考と回収事例、「MD&M WEST 2017」ジャパン・パビリオン出品者説明会講演、日本貿易振興機構、東京、2016年12月1日
講演	中崎知道、「品質保証」、「市販後〇〇」、医療ロボット財育成教育セミナー イン九州 (ARIA)、福岡、2016年11月30日
講演	中崎知道、QMS、QSR 入門、第6回豊橋ライブ、豊橋、2016年5月28日
講演	Tomomichi Nakazaki、National Health Insurance System、フランス大使館、東京、2015年10月13日
講演	松本徹、松本啓介、中崎知道、伊関洋、正宗賢、米国における単回使用機器の再生処理のレギュレーション評価、第5回レギュラトリーサイエンス学会学術大会 東京、2015年9月4日
講演	中崎知道、JMDN の概念と運用、中国医療機器一般名称交流会、北京、2015年6月24日
講演	松本徹、松本啓介、中崎知道、伊関洋、正宗賢、米国における単回使用機器の再生処理のレギュレーションに関する考察、日本生体医工学会 第9回レギュラトリーサイエンス専門別研究会、東京、2015年2月28日
講演	中崎知道、市販後管理とリスクマネジメント、医機連 QMS エキスパートセミナー、東京、2014年12月12日
講演	中崎知道、医療機器ビジネスを成功させるための情報、富山県新世紀産業機構・とやま医薬工連携研究会事業に係るセミナー、富山、2014年10月8日
講演	松本徹、松本啓介、中崎知道、伊関洋、正宗賢、単回使用医療機器の再使用状況に関する研究「医療事故/ヒヤリ・ハット及び、不具合等の分析」、日本生体医工学会 第8回レギュラトリーサイエンス専門別研究会、東京、2014年9月27日

講演	中崎知道、医療機器開発の PQR マネジメント、富山県立大学・地域連携公開セミナー、富山、2014 年 7 月 23 日
講演	松本徹、松本啓介、中崎知道、伊関洋、単回使用医療機器の再生処理のレギュレーションに関する研究、日本生体医工学会 第 7 回レギュラトリーサイエンス専門別研究会、東京、2014 年 3 月 8 日
講演	Tomomichi Nakazaki、Japanese Approach of Nomenclature system、Second WHO Global Forum on Medical Devices、Geneva、2013 年 11 月 22 日
講演	中崎知道、医療機器の一般的名称とクラス分類の国際整合について—日本のアプローチについての考察—、日本生体医工学会 第6回レギュラトリーサイエンス専門別研究会、東京、2013 年 10 月 19 日
講演	中崎知道、児玉順子、日本の医政の社会科学的考察、MEDTEC JAPAN 国際会議、東京、2012 年 4 月 19 日
講演	中崎知道、市販後管理とリスクマネジメント、医機連 QMS エキスパートセミナー、東京、2012 年 3 月 21 日
講演	中崎知道、プロセスバリデーションとリスクマネジメント、医機連 QMS エキスパートセミナー、東京、2011 年 11 月 11 日
講演	中崎知道、CAPA の実例、医機連 QMS 講習会、東京、2011 年 9 月 29 日
講演	Tomomichi Nakazaki、Utilization of GMDN in Combination with GHTF Risk-based Classification Rule、APEC トレーニングセミナー、ソウル、2011 年 7 月 4 日
講演	中崎知道、リスクマネジメントの事例、医機連 QMS 講習会、東京、2010 年 9 月 1 日
講演	中崎知道、リスク分析 医療機器の「リスク」とは何か？、MEDTEC JAPAN 国際会議、東京、2010 年 4 月 16 日
講演	中崎知道、GMDN の動向と今後の展開、医機連 GHTF 成果報告会、東京、2010 年 12 月 17 日
講演	中崎知道、医療機器リスクマネジメント規格 (ISO 14971) への対応「医療機器のライフサイクルとRM」、厚科研セミナー、東京、2007 年 11 月 29 日
3. 著書 執筆	中崎知道、医療機器の開発から品質管理までを学ぶ 第 5 回 医療機器のリスクマネジメント、PHARM TECH JAPAN 2013 年 3 月号
執筆	佐久間 一郎、三澤 裕、鎮西 清行、鄭 雄一、松岡 厚子、村垣 善浩、志賀明、塚本 忠博、中崎 知道、森永 修平、METIS 医療機器レギュラトリーサイエンスガイドブック、2012 年 7 月
執筆	中崎知道、2012 GHTF 総会と今後の国際活動について、医機連ニュース第 77 号、2012

	年 4 月
執筆	<u>中崎知道</u> 、今後の医療機器業界の国際活動に対する私的考察、医機連ニュース第 75 号、2011 年 10 月
執筆	<u>中崎知道</u> 、国際活動の現状と課題－GHTF 委員会、医機連ニュース第 70 号、2010 年 7 月
執筆	RAPS (<u>中崎知道</u> 他)、薬事法の基礎 第 1 版、2010 年 1 月
執筆	<u>中崎知道</u> 、JMDN と GMDN との紐付けについて、医機連ニュース第 67 号、2009 年 10 月
執筆	<u>中崎知道</u> 、2008 GHTF-SG 1 ワシントン会議報告、医機連ニュース第 61 号、2008 年 4 月
執筆	<u>中崎知道</u> 、医療用具におけるリスクマネジメント発動編、医機連ニュース第 60 号、2008 年 1 月
執筆	<u>中崎知道</u> 、医療用具におけるリスクマネジメント接触編、医機連ニュース第 59 号、2007 年 10 月
執筆	<u>中崎知道</u> 、JMDN 制定の経緯と医機連の取り組み、医機連ニュース第 59 号、2007 年 10 月
執筆	<u>中崎知道</u> 、医療機器におけるリスクマネジメント、医機連ニュース第 58 号、2007 年 7 月