



## **Injection-Induced Breast Siliconomas : Clinical Implications, Evaluation and Treatment**

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**Available Online:** View e-Book

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**Responsibility:** Gustavo Emilio Schenone, editor

**Place of Publication:** Cham

**Publisher:** Springer

**Date of Publication:** c2020

**Physical Description:** 1 online resource (xxiii, 310 p.) : 135 illus., 121 illus. in color

**ISBN:** 9783030241162  
9783030241155 (Print ed.)  
9783030241179 (Print ed.)  
9783030241186 (Print ed.)

**Subjects (MeSH):** Breast Implants - adverse effects  
Mammoplasty - methods  
Reoperation  
Silicone Gels - adverse effects

**Specialty:** Cosmetic Techniques

**Abstract:** Although there is a current ban in many countries on the injection of liquid silicone, paraffin or polyacrylamide hydrogels or other gel or liquid materials into the breasts for the purpose of increasing size, there are still a large number of non-professionals who use these injections and offer them as a cheap alternative to plastic surgery. The results, at first, may seem cosmetically favorable for the patient, but these injections often lead to painful complications like mastitis (inflammation of the mammary gland) and can make it incredibly difficult to diagnose breast cancer early. Many patients suffer delayed complications that force them to seek expert care for corrective and reconstructive surgery. This book, the culmination of decades of research, aims to serve the surgeon faced with these complications, offering a detailed step-by-step guide of the pathology from clinical diagnosis and imaging studies to the different surgical and reconstructive procedures for reconstruction. As there is no clinical management consensus or international guideline, *Injection-Induced Breast Siliconomas: Clinical Implications, Evaluation and Treatment* fills the gap in the literature and encourages more research. Previously published in Spanish in 2017 under the title *Siliconomas Mamarios por Inyeccion: Clinica, Diagnostico y Tratamiento*, this English translation is a true re-edition of the original version with added updates for the English-speaking audience.

Contents:	1. Diagnostic dilemmas caused by silicone injections – 2. History of augmentation mammoplasty and silicone injections – 3. Research work: methodology behind diagnosis and treatment – 4. Diagnostic imaging in silicone injection patients – 5. Clinical presentations of mammary siliconomas – 6. Silicones and autoimmunity – 7. Therapeutic considerations – 8. Pharmacological treatment of injuries caused by silicone or injected oils – 9. Algorithm for treating granulomas produced by silicones injected to modify body contour – 10. The Japanese experience with mastopathy secondary to injectable materials – 11. The mastologists and the patient with mammary siliconomas – 12. Prevention of breast cancer in patients with siliconomas – 13. Risk-reduction mastectomy for breast siliconomas with immediate reconstruction – 14. Silicone in the axilla and axillary siliconomas – 15. Complication of silicone migration affecting peripheral nerves – 16. Anatomic pathology of mammary siliconomas – 17. Psychological considerations – 18. Psychopathological profile of patients who opt for the injection of silicones to modify body contour – 19. Social considerations – 20. Bioethical considerations – 21. Legal issues.
Format:	e-Book
Location:	Online