

Directions for Use

NATRELLE®

Saline-Filled Breast Implants

Smooth surface implants

WARNING:

- Breast implants are not considered lifetime devices. The longer people have them, the greater the chances are that they will develop complications, some of which will require more surgery.
- Breast implants have been associated with the development of a cancer of the immune system called breast implant-associated anaplastic large cell lymphoma (BIA-ALCL). This cancer occurs more commonly in patients with textured breast implants than smooth implants, although rates are not well defined. Some patients have died from BIA-ALCL.
- Patients receiving breast implants have reported a variety of systemic symptoms such as joint pain, muscle aches, confusion, chronic fatigue, autoimmune diseases and others. Individual patient risk for developing these symptoms has not been well established. Some patients report complete resolution of symptoms when the implants are removed without replacement.

Caution: Federal (USA) law restricts this device to sale by or on the order of a licensed physician.

The sale and distribution of this device is restricted to users and/or user facilities that provide information to patients about the risks and benefits of this device in the form and manner specified in the approved labeling provided by Allergan.



Table of Contents

<u>BOXED WARNING</u>	COVER PAGE
<u>INTRODUCTION</u>	1
<u>DIRECTIONS TO THE PHYSICIAN</u>	1
<u>DEVICE TRACKING</u>	2
<u>DEVICE DESCRIPTION</u>	2
<u>INDICATIONS</u>	3
<u>CONTRAINDICATIONS</u>	4
<u>WARNINGS</u>	4
<u>PRECAUTIONS</u>	5
<u>PATIENT COUNSELING INFORMATION: IMPORTANT FACTORS,</u> <u>POSSIBLE ADVERSE EVENTS AND OTHER REPORTED CONDITIONS</u>	6
<u>GENERAL PATIENT COUNSELING INFORMATION</u>	6
<u>IMPORTANT FACTORS TO CONVEY TO PATIENTS</u>	7
<u>POSSIBLE ADVERSE EVENTS</u>	9
<u>OTHER REPORTED CONDITIONS</u>	12
<u>ALLERGAN'S CLINICAL STUDIES</u>	13
<u>INSTRUCTIONS FOR USE</u>	25
<u>SURGICAL PLANNING</u>	25
<u>STERILE PRODUCT</u>	26
<u>SURGICAL PROCEDURE</u>	27
<u>DOCUMENTATION THE PHYSICIAN SHOULD PROVIDE</u> <u>TO THE PATIENT</u>	30
<u>ADDITIONAL SPECIFIC PRODUCT INFORMATION</u>	31
<u>RETURNED GOODS POLICY</u>	31
<u>REPORTING AND RETURN OF EXPLANTED DEVICES</u>	31
<u>CONFIDENCEPLUS® LIMITED WARRANTIES</u>	31
<u>PRODUCT ORDERING</u>	31
<u>REPORTING PROBLEMS</u>	32
<u>NATIONAL BREAST IMPLANT REGISTRY</u>	32
<u>GRAPHICAL SYMBOLS</u>	33
<u>REFERENCES</u>	34

Introduction

DIRECTIONS TO THE PHYSICIAN

The information supplied in this *Directions for Use* document is intended to provide an overview of essential information about *NATRELLE*® Saline-Filled Breast Implants, including the indications for use, contraindications, warnings, precautions, important factors for a patient to consider, adverse events, other reported conditions, and a summary of Allergan's clinical results.

Patient Counseling Information

You should review this document prior to counseling the patient about *NATRELLE*® Saline-Filled Breast Implants and breast implant surgery. Please familiarize yourself with the content of this document and resolve any questions or concerns prior to proceeding with use of the device. As with any surgical procedure, breast implantation is NOT without risks. Breast implantation is an elective procedure, and the patient must be well counseled and understand the risk/benefit relationship.

Before making the decision to proceed with surgery, the surgeon or a designated patient counselor should instruct the patient to read the patient labeling and discuss with the patient the warnings, precautions, important factors to consider, complications, and Allergan's clinical results listed in the patient labeling. The physician should advise the patient of the potential complications and that medical management of serious complications may include additional surgery and explantation.

Informed Decision

Before deciding to proceed with surgery, each patient should be informed during her initial visit / consultation that Allergan's patient labeling, *Making an Informed Decision, Breast Surgery with NATRELLE*® Saline-Filled Breast Implants, is available online (www.allerganlabeling.com). She should be advised of the potential complications and that medical management of serious complications may include additional surgery and explantation. The patient should be advised to wait at least 1-2 weeks after reviewing and considering this information before deciding whether to have this surgery, unless an earlier surgery is deemed medically necessary.

In order to document a successful informed decision process, the *Acknowledgement of Informed Decision and Patient Decision Checklist* document (available separately and within the patient labeling document at: www.allerganlabeling.com) should be signed by both the patient and the surgeon. A copy should be provided to the patient and another copy retained in the patient's file.

Device Tracking

NATRELLE[®] Saline-Filled Breast Implants are subject to Device Tracking per federal regulation. This means that the physician is required to report to Allergan the serial number of the implanted device(s), the date of surgery, information relating to the physician's practice, and information on the patient receiving the implant(s). This information should be recorded on the **Device Tracking Form** supplied by Allergan with each saline breast implant. Following surgery, the form should be returned to Allergan, using the contact information provided on the form.

The second page of the form should be provided to the patient following surgery. The patient has the right to have her personal information removed from Allergan's Device Tracking program. However, Allergan strongly recommends that all patients receiving *NATRELLE*[®] Saline-Filled Breast Implants participate in Allergan's Device Tracking program. This will help ensure that Allergan has a record of each patient's contact information. Patients should be encouraged to participate in the Device Tracking program so that they can be contacted in the event of a recall or other problems with the implants.

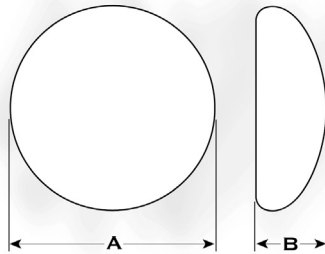
Device tracking information can also be provided electronically via the AbbVie Device Management Portal, the National Breast Implant Registry, or the Aesthetic One app. To use the AbbVie Device Management Portal, go to devicemanagement.abbvie.com to register and start data entry. For the National Breast Implant Registry, go to thebsf.org/NBIR to register and start data entry. To use the Aesthetic One app, go to <https://www.surgery.org/downloads/microsite/aestheticone/index.php> to register and start data entry.

Device Description

NATRELLE[®] Saline-Filled Breast Implants are constructed from Room Temperature Vulcanized (RTV) silicone elastomer, made of polydimethylsiloxane. The device is inflated to the desired size with sterile isotonic saline before implantation. Each implant is supplied sterile with a disposable fill tube and reflux valve.

Round Breast Implants:

Style Number	Breast Implant Description	Size Range
Style 68LP	Smooth shell surface, anterior filling valve, low projection	125cc – 700cc
Style 68MP	Smooth shell surface, anterior filling valve, moderate projection	120cc – 850cc
Style 68HP	Smooth shell surface, anterior filling valve, high projection	160cc – 850cc



A = Width; B = Projection
Round Breast Implant

INDICATIONS

NATRELLE® Saline-Filled Breast Implants are indicated for females for the following:

- **Breast augmentation for women at least 18 years old.** Breast augmentation includes primary breast augmentation to increase the breast size, as well as revision surgery to correct or improve the result of a primary breast augmentation surgery.
- **Breast reconstruction.** Breast reconstruction includes primary reconstruction to replace breast tissue that has been removed due to cancer or trauma or that has failed to develop properly due to a severe breast abnormality. Breast reconstruction also includes revision surgery to correct or improve the result of a primary breast reconstruction surgery.

Contraindications

Breast implant surgery should not be performed in:

- Women with active infection anywhere in their body.
- Women with existing cancer or pre-cancer of their breast who have not received adequate treatment for those conditions.
- Women who are currently pregnant or nursing.

Surgical Practices in which product use is contraindicated due to compromise of product integrity:

- **Adulterated Fill.** Do not place drugs or substances inside the implant other than sterile saline for injection.
- **Alteration.** Do not alter the implant or valve.
- **Do not inject** through the implant shell.
- **Stacking** of implants: Do not place more than one implant per breast pocket.

Warnings

There is a boxed warning on all breast implants. Please see the cover page.

- Care should be taken when using surgical instruments in proximity with the breast implants, including scalpel, sutures and dissection instrumentation.
- Do not treat capsular contracture by forceful external compression, which will likely result in implant damage, deflation, folds, and/or hematoma. Capsule firmness must not be treated by overexpansion of the device.
- Use care in subsequent procedures such as open capsulotomy, breast pocket revision, hematoma/seroma aspiration, and biopsy/lumpectomy to avoid damage to the implant shell or valve.
- Re-positioning of the implant during subsequent procedures should be carefully evaluated by the medical team and care taken to avoid contamination of the implant. Use of excessive force during any subsequent procedure can contribute to localized weakening of the breast implant shell potentially leading to decreased device performance.
- Do not contact the implant with disposable, capacitor-type cautery devices.
- Do not alter the implants or attempt to repair or insert a damaged prosthesis.

- Do not overfill or underfill the implant. Follow the recommended fill volume on the product label; Following recommended fill volumes may decrease the possibility of shell wrinkling and crease fold failure.
- Do not re-use or re-sterilize any breast implant that has been previously implanted. Breast implants are intended for single use only.
- Do not place more than one implant per breast pocket.
- Use of endoscopic instruments or the periumbilical approach for placement of the implant has not been studied in the Allergan clinical trials and is not recommended as damage to the device may occur.
- Do not use microwave diathermy in patients with breast implants. Microwave diathermy has been reported to cause tissue necrosis, skin erosion, and implant extrusion.

Precautions

Specific Populations

Safety and effectiveness have not been established in patients with the following:

- Autoimmune diseases (e.g., lupus and scleroderma).
- A compromised immune system (for example, currently receiving immunosuppressive therapy).
- Conditions or medications which interfere with wound healing and blood clotting.
- Reduced blood supply to breast tissue.
- Radiation to the breast following implantation.
- Clinical diagnosis of depression or other mental health disorders, including body dysmorphic disorder and eating disorders. Please discuss any history of mental health disorders prior to surgery. Patients with a diagnosis of depression, or other mental health disorders, should wait until resolution or stabilization of these conditions prior to undergoing breast implantation surgery.

Surgical Precautions

- **Preoperative Planning** - Proper surgical planning such as allowance for adequate tissue coverage, implant placement (i.e., submuscular vs. subglandular), incision site, implant type, etc., should be made preoperatively.

- **Back-up Implants**

It is advisable to have more than one size breast implant in the operating room at the time of surgery to allow for flexibility in determining the appropriate size implant to be used. A backup implant should also be available.

- **Explantation**

If it is necessary to perform explantation of the implant, care must be taken to minimize manipulation of the product (particularly with regards to sharp-edged openings). Explanted devices should be returned to Allergan for evaluation. Contact Allergan's Product Surveillance Department at 1.800.624.4261 for an Explant Kit and explant return instructions.

Patient Counseling Information: Important Factors, Possible Adverse Events and Other Reported Conditions

General Patient Counseling Information

As with any surgical procedure, breast implantation is not without risks, Breast implantation is an elective procedure and the patient must be well counseled and understand the risk/benefit relationship of these products and procedures.

At the time of consultation, you should instruct the patient to read, *Making an Informed Decision, Breast Surgery with NATRELLE® Saline-Filled Breast Implants* (available at www.allerganlabeling.com) prior to making the decision to proceed with surgery.

1. The patient labeling (available at www.allerganlabeling.com) is intended as the primary means to relate uniform risk and benefit information to assist your patient in making an informed decision about primary breast augmentation and revision-augmentation, or primary reconstruction and revision-reconstruction surgery (as applicable), but it is not intended to replace consultation with you.
2. Each patient should be informed that the patient labeling is online during her initial visit/consultation to allow her sufficient time prior to surgery to read and adequately understand

the important on the risks, follow-up recommendations, and benefits associated with saline-filled breast implant surgery.

3. Each patient should be informed that there is a boxed warning for all breast implants.
4. It is important that all patients seeking to undergo elective surgery have realistic expectations that focus on improvement rather than perfection.
5. Request that your patient openly discuss with you, prior to surgery, any history that she may have of depression or other mental health disorders.
6. Allow the patient at least 1-2 weeks after reviewing and considering this information before deciding whether to have this surgery, unless an earlier surgery is deemed medically necessary.
7. Discuss with the patient the warnings, precautions, important factors to consider, possible adverse events, and Allergan's core clinical study results.
8. Advise the patient of the possible adverse events and other reported conditions. Explain that medical management of serious adverse events may include additional surgery and explantation.

In order to formally record a successful informed decision process, review the *Acknowledgement of Informed Decision and Patient Decision Checklist* document (available separately and within the patient labeling document at: www.allerganlabeling.com/). The document should be signed by both the patient and the surgeon and then retained in the patient's file.

Important Factors to Convey to Patients

Below are some of the important factors your patients need to be aware of when considering saline-filled breast implants.

- **Insurance Coverage**
 - Patients should check with their insurance company regarding coverage issues before undergoing surgery.
 - Insurance coverage may differ based on whether breast implants are being used for breast reconstruction or breast augmentation.
 - Patients should be advised that health insurance premiums may increase, insurance coverage may be dropped, and/or future coverage may be denied based on the presence of breast implants.
 - Treatment of complications may not be covered.

- **Smoking** – Smoking may interfere with the healing process.
- **Radiation to the Breast** – Allergan has not tested the in vivo effects of radiation therapy in patients who have breast implants. The literature suggests that radiation therapy may increase the likelihood of capsular contracture, necrosis, and implant extrusion.
- **Breast Examination Techniques** – Patients should be instructed to perform breast self-examinations monthly and be shown how to distinguish the implant from their breast tissue. The patient should be instructed not to manipulate (i.e., squeeze) the valve excessively, which may cause valve leakage.
- **Mammography** –
 - Presurgical mammography with a follow-up mammogram 6 months to 1 year following surgery may be performed to establish a baseline for future routine mammography.
 - Patients should be instructed to undergo routine mammography exams as per their primary care physician's recommendations. The importance of having these exams should be emphasized. The current recommendations for preoperative/screening mammograms are no different for women with breast implants than for those women without implants.
 - Patients should be instructed to inform their mammographers about the presence of their implants.
 - Breast implants may complicate the interpretation of mammographic images by obscuring underlying breast tissue and/or by compressing overlying tissue.
 - Accredited mammography centers and use of displacement techniques are needed to adequately visualize breast tissue in the implanted breast.
- **Avoiding Damage During Treatment** – Patients should inform other treating physicians of the presence of implants to minimize the risk of damage to the implants.
- **Mental Health and Elective Surgery** – It is important that all patients seeking to undergo elective surgery have realistic expectations that focus on improvement rather than perfection. Request that your patient openly discuss with you, prior to surgery, any history that she may have of depression or other mental health disorders.

Possible Adverse Events

Potential adverse events that may occur with saline-filled breast implant surgery include: reoperation, pain, wrinkling, asymmetry, implant palpability/visibility, implant removal, capsular contracture, changes in nipple and breast sensation, implant displacement/migration, implant deflation, scarring, infection, hematoma/seroma, breastfeeding complications, implant extrusion, necrosis, delayed wound healing, breast tissue atrophy/chest wall deformity, calcium deposits, and lymphadenopathy.

Below is a description of these adverse events. For specific adverse event rates/outcomes for NATRELLE® Saline-filled Breast Implants, refer to Allergan's Clinical Study section below.

- **Deflation** – *Breast implants are not lifetime devices.* Saline breast implants deflate when the shell develops a tear or hole. Deflation can occur at any time after implantation, but they are more likely to occur the longer the implant is implanted. The following things may cause implants to deflate: damage by surgical instruments; folding or wrinkling of the implant shell; excessive force to the chest (e.g., during closed capsulotomy, which is contraindicated); trauma; compression during mammographic imaging; and severe capsular contracture. Breast implants may also simply wear out over time. Laboratory studies have identified some of the causes of deflation for Allergan's product; however, it is not conclusively known whether these tests have identified all causes of deflation.
- **Capsular Contracture** – Patients should be advised that capsular contracture may be more common following infection, hematoma, and seroma, and the chance of it happening may increase over time. Capsular contracture occurs more commonly in revision patients than in primary augmentation or reconstruction patients. Capsular contracture is also a risk factor for implant deflation, and it is one of the most common reasons for reoperation.

Patients should also be advised that additional surgery may be needed in cases where pain and/or firmness are severe. This surgery ranges from removal of the implant capsule tissue to removal and possible replacement of the implant itself. This surgery may result in loss of breast tissue. Capsular contracture may happen again after these additional surgeries.

- **Reoperation** – Patients should be advised that additional surgery to their breast and/or implant will likely be necessary over the course of their lives. Additional surgeries to the patient's breasts will likely be required, either because of implant deflation, other complications or unacceptable cosmetic outcomes. Patients may decide to change the size or type of their implants, requiring a reoperation, or they may have a reoperation to improve or correct their outcome.

- **Implant Removal** – Patients should be advised that implants are not considered lifetime devices, and they will likely undergo implant removal(s), with or without replacement, over the course of their life. Patients should also be advised that when implants are removed without replacement, the changes to their breasts may be irreversible.
- **Lactation** – Breastfeeding difficulties have been reported following breast surgery, including breast reduction and breast augmentation surgery. A periareolar surgical approach may further increase the chance of breastfeeding difficulties.
- **Pain** – Pain of varying intensity and length of time may occur and persist following breast implant surgery. In addition, improper size, placement, surgical technique, or capsular contracture may result in pain. Patients should be advised to contact their surgeon if there is significant pain or if pain persists.
- **Changes in Nipple and Breast Sensation** – Feeling in the nipple and breast can increase or decrease after implant surgery, is typically lost after complete mastectomy where the nipple itself is removed, and can be severely lessened by partial mastectomy. Radiation therapy also can significantly reduce sensation in the remaining portions of the breast or chest wall. The placement of breast implants for reconstruction may further lessen the sensation in the remaining skin or breast tissue. The range of changes varies from intense sensitivity to no feeling in the nipple or breast following surgery. While some of these changes can be temporary, they can also be permanent, and may affect the patient's sexual response or ability to nurse.
- **Infection** – In rare instances, acute infection may occur in a breast with implants. The signs of acute infection include erythema, tenderness, fluid accumulation, pain, and fever. Very rarely, Toxic Shock Syndrome, a potentially life-threatening condition, has been reported in women after breast implant surgery. It is characterized by symptoms that occur suddenly and include high fever (102°F, 38.8°C or higher), vomiting, diarrhea, a sunburn-like rash, red eyes, dizziness, lightheadedness, muscle aches, and drops in blood pressure, which may cause fainting. Patients should be advised to contact a physician immediately for diagnosis and treatment for any of these symptoms.
- **Unsatisfactory Results** – Patients should be informed that dissatisfaction with cosmetic results related to such things as scar deformity, hypertrophic scarring, capsular contracture, asymmetry, wrinkling, implant displacement/migration, incorrect size, and implant palpability/visibility may occur. Careful surgical planning and technique can minimize, but not preclude, the risk of such results. Pre-existing asymmetry may not be entirely correctable. Revision surgery may be indicated to maintain patient satisfaction but carries additional considerations and risks.

- ***Breast Implant Associated Anaplastic Large Cell Lymphoma (BIA-ALCL)***

Based on information reported to global regulatory agencies and found in medical literature, an association has been identified between breast implants and the development of anaplastic large cell lymphoma (ALCL), a type of non-Hodgkin's lymphoma. Women with breast implants may have a very small but increased risk of developing Breast Implant Associated ALCL (BIA-ALCL) in the fluid or scar capsule adjacent to the implant, with documented potential for local, regional, and distant spread of the cancer with mortality reported in rare cases.

BIA-ALCL has been reported globally in patients with an implant history that includes Allergan's and other manufacturers' breast implants with various surface properties, styles, and shapes. Most of the cases in the literature reports describe a history of the use of textured implants.

You should consider the possibility of BIA-ALCL when a patient presents with late onset, persistent peri-implant seroma. In some cases, patients presented with capsular contracture or masses adjacent to the breast implant. When testing for BIA-ALCL, collect fresh seroma fluid and representative portions of the capsule and send to a laboratory with appropriate expertise for pathology tests to rule out ALCL, including immunohistochemistry testing for CD30 and ALK (anaplastic lymphoma kinase). If your patient is diagnosed with peri-implant BIA-ALCL, develop an individualized treatment plan in coordination with a multi-disciplinary care team. Because of the small number of cases worldwide, there is no worldwide consensus on the treatment regimen for peri-implant BIA-ALCL. However, the National Comprehensive Cancer Network (NCCN) recommends surgical treatment that includes implant removal and complete capsulectomy ipsilaterally as well as contralaterally, where applicable.¹

Report *all confirmed cases* of BIA-ALCL to the FDA (<https://www.fda.gov/Safety/MedWatch>). In some cases, the FDA may contact you for additional information. The FDA will keep the identities of the reporter and the patient confidential.

FDA also recommends reporting cases of BIA-ALCL to the PROFILE Registry (<https://www.theptf.org/research/clinical-impact/profile.htm>) where you can submit more comprehensive case data. This will help provide a better understanding of the etiology of BIA-ALCL.

For additional information on FDA's analysis and review of BIA-ALCL, please visit www.fda.gov/medical-devices/breast-implants/questions-and-answers-about-breast-implant-associated-anaplastic-large-cell-lymphoma-bia-alcl

¹ NCCN Clinical Practice Guidelines in Oncology, T-cell Lymphomas. Version 1.2017, December 7, 2016. NCCN.org.

- ***Additional Complications*** – After breast implant surgery the following may occur and/or persist, with varying intensity and/or for a varying length of time: hematoma/seroma, implant extrusion, necrosis, delayed wound healing, and breast tissue atrophy/chest wall deformity. Calcium deposits can form in the tissue capsule surrounding the implant with symptoms that may include pain and firmness. Lymphadenopathy has also been reported in some women with implants.

Other Reported Conditions

Patients receiving breast implants have reported a variety of signs and symptoms such as joint pain, muscle aches, confusion, chronic fatigue, autoimmune diseases and others. Individual patient risk for developing these symptoms has not been well-established. Some patients report complete resolution of symptoms when the implants are removed without replacement.

There have been reports in the literature of other conditions in women with breast implants. Many of these conditions, which are discussed below, have been studied to evaluate their potential association with breast implants. Furthermore, there is the possibility of risks, yet unknown, which in the future could be determined to be associated with breast implants. It should also be noted that the cited references include data from augmentation and/or reconstruction patients, as well as from a variety of manufacturers and implant models.

Connective Tissue Disease (CTD)

Potential Conditions

- Connective tissue diseases include diseases, such as lupus, scleroderma, or rheumatoid arthritis and fibromyalgia.
- There have been a number of published epidemiological studies (1988-2007), which have looked at whether having a breast implant is associated with having a typical or defined connective tissue disease.³⁻²⁴
- A 2007 study concluded that the weight of the evidence did not support a causal association between implants and definite or atypical CTD.¹

Signs and Symptoms

- Scientific expert panels and literature reports published between 2000 and 2004 have found no evidence of a consistent pattern of signs and symptoms in women with silicone breast implants. ^{25,26,27,28}
- Having these rheumatological signs and symptoms does not necessarily mean that a patient has a connective tissue disease; however, you should advise your patient that she may experience these signs and symptoms after undergoing breast implantation.
- If a patient has an increase in these signs or symptoms, you should refer your patient to a rheumatologist to determine whether these signs or symptoms are due to a connective tissue disorder or autoimmune disease.
- Please see systemic symptoms information in the Boxed Warning on the cover page .

Cancer

- Studies published in 1995-2007 indicate that patients with breast implants are not at a greater risk than those without breast implants for developing breast cancer. ^{29,30,31,32,33}
- A large, long-term follow-up found no significant increases in the risk rates for a wide variety of cancers, including stomach cancer and leukemia. ²⁶

Effects on Children

There have been concerns raised regarding potential damaging effects on children born of mothers with implants. A review of the published literature on this issue suggests that the information is insufficient to draw definitive conclusions.

Allergan's Clinical Studies

Clinical Studies Overview

Allergan's Saline-Filled Breast Implants were evaluated in four major open label, multicenter clinical studies: the Large Simple Trial (LST, which involved 2,875 patients), the 1995 Augmentation Study (A95, which involved 901 patients), the 1995 Reconstruction Study (R95, which involved 237 patients), and the Post Approval Survey Study (PASS, which was a continuation of the A95/R95 studies). Please note that these studies assessed both smooth and BIOCELL textured breast implants. BIOCELL textured breast implants were recalled in July 2019 due to a higher risk associated with BIA-ALCL and are no longer manufactured or marketed.

Study Design

Patients studied were those seeking implant surgery for augmentation or reconstruction of the breast. The LST Study was designed as a 1 year study to assess the 4 safety outcomes of capsular contracture, infection, implant leakage/deflation, and implant removal for a large number of patients. As the results from that study were similar to those found in the larger studies, the data are not reported here.

The A95/R95 Studies were designed as 5 year studies to assess safety and effectiveness. Patient follow-up was yearly for 5 years. Safety assessments in the A95/R95 Studies consisted of adverse event rates and rates of secondary surgical treatment. Effectiveness assessments in the A95/R95 Studies consisted of patient satisfaction, breast size change, and measures of body esteem/self esteem/body image. The PASS study utilized patient surveys for collection of specific risk/benefit information 6 through 10 years post implant.

Five-year data from the A95/R95 study and 10-year data from the PASS study are presented in this brochure.

Patient Accounting and Baseline Demographic Profile

The A95 Study enrolled 901 augmentation patients. Of those A95 patients available to be seen for their 5-year follow-up visit, 81% returned and were seen at 5 years after implant surgery. The R95 Study enrolled 237 reconstruction patients. Of those R95 patients available to be seen for their 5-year follow-up visit, 80% returned and were seen at 5 years after implant surgery. Demographic information obtained from the 1995 Studies revealed that nearly 90% of both augmentation and reconstruction patients were Caucasian and more than half of study participants were married. The median age of the augmentation patients was 32 years (range 19-66); for reconstruction patients the median age was 47 years (range 25-77). With respect to surgical baseline factors in the 1995 Studies, for augmentation patients, the most frequently used devices were textured round, the most common incision sites were periareolar and inframammary, and the most frequent placement of the implant was submuscular. For reconstruction patients, the most frequently used devices were textured shaped, the most common incision site was the mastectomy scar, and the most frequent placement of the implant was submuscular.

The post-approval study transitioned patients from data collection via physicians (0-5 years post-implantation) to data collection via mailed patient-completed surveys (6-10 years post-implantation). 85% of the augmentation patients and 86% of the reconstruction patients expected for follow-up at 10 years returned surveys to Allergan according to study protocol.

Effectiveness Outcomes

The benefits of saline-filled breast implants were assessed by a variety of outcomes, including bra cup size change (augmentation patients only), body image, body esteem, self concept, and patient

satisfaction. Bra cup size was measured within the first year and a half after surgery. Body image, esteem, and self-concept were assessed for patients with both original and replacement saline devices before implantation and at 3 years after surgery. Satisfaction was measured at every follow-up visit through 5 years.

Augmentation

859 (95%) of the original 901 augmentation patients had a breast measurement within 18 months of surgery. Of these 859 patients, 38% increased by 1 cup size; 49% increased by 2 cup sizes; 9% increased by 3 cup sizes, and 4% had no increase.

Of the original 901 augmentation patients, 683 (76%) provided a satisfaction rating at 5 years, with 95% indicating they were satisfied with their breast implants. The patient surveys showed 88% of the augmentation patients who provided satisfaction scores were satisfied with their breast implants at 10 years post-implant.

Quality of life assessments were obtained prior to implantation and at 6 months, 1 year, and 3 years after surgery. Before implantation, augmentation patients scored higher (better) than the general U.S. female population on the SF-36 scales, which measure general health-related quality of life. After 3 years, augmentation patients showed a slight worsening in their SF-36 scores, although all scales remained higher than the general U.S. female population. The Rosenberg Self Esteem Scale (which measures overall self esteem) and the Tennessee Self Concept Scale (which measures overall self concept) showed slight improvements over the 3 years. The Body Esteem Scale (which measures overall body image) showed a slight worsening overall but a large improvement in body esteem related to sexual attractiveness at 3 years.

Breast satisfaction was significantly increased after 3 years, including satisfaction with breast shape, size, feel or touch, and how well they matched (Table 1).

Table 1. Change from Pre-Surgery in Breast Satisfaction Scale

Quality of Life Scale	Primary Augmentation	
	Year 1	Year 3
Satisfaction with Breasts	Improved	Improved
How Well Breasts Matched	Improved	Improved
Satisfaction with Breast Shape	Improved	Improved
Satisfaction with Breast Size	Improved	Improved
Satisfaction with Breast Feel/Touch	Improved	Improved

Reconstruction

Of the original 237 reconstruction patients, 137 (58%) provided a satisfaction rating at 5 years, with 89% indicating they were satisfied with their breast implants. The patient surveys showed 86% of the reconstruction patients who provided satisfaction scores were satisfied with their breast implants at 10 years post-implant.

Before implantation, reconstruction patients scored higher (better) than the general U.S. female population on all but one of the SF-36 scales, which measure general health-related quality of life. After 3 years, reconstruction patients showed an improvement in that SF-36 score to above the rate for the general U.S. female population. The following 3 overall scales showed no change over the 3 years: Tennessee Self Concept Scale (which measures overall self concept), Rosenberg Self Esteem Scale (which measures overall self-esteem), and the Body Esteem Scale (which measures overall body image).

Breast satisfaction was significantly increased after 3 years, including overall satisfaction and how well they matched.

Safety Outcomes

The A95 Study and R95 Study safety outcomes for primary implantation are presented in [Tables 2](#) through [7](#).

The cumulative Kaplan-Meier risk of first occurrence of adverse events (and 95% confidence interval) is shown in [Table 2](#) for the A95/R95 Study and [Table 3](#) for the PASS Study. The rates reflect the number of patients out of 100 who experienced the listed complication at least once within the first 5 or 10 years after their implantation. Some complications occurred more than once for some patients.

Table 2
Complications
A95/R95: 5-Year Cumulative First Occurrence Kaplan-Meier Risk Rates, By Patient

Complication*	Augmentation (N=901)		Reconstruction (N=237)	
	5-Year		5-Year	
	Rate (%)	(95% CI)	Rate (%)	(95% CI)
Reoperation	25.9	(23.0, 28.9)	44.5	(37.9, 51.0)
Breast Pain	17.0	(14.5, 19.5)	17.7	(12.4, 23.0)
Wrinkling	13.7	(11.3, 16.1)	24.6	(18.6, 30.6)
Asymmetry	12.2	(10.0, 14.4)	39.0	(32.1, 45.8)
Implant Palpability/Visibility	12.1	(9.8, 14.3)	27.1	(20.6, 33.5)
Implant Removal for Any Reason	11.8	(9.6, 14.0)	28.0	(22.1, 34.0)
Capsular Contracture Baker Grade III/IV	11.4	(9.2, 13.5)	35.7	(29.0, 42.4)
Loss of Nipple Sensation	9.9	(7.8, 11.9)	18.1	(12.5, 23.8)
Nipple Paresthesia	9.8	(7.8, 11.8)	<1	(0.0, 1.2)
Implant Malposition	9.2	(7.3, 11.2)	16.9	(11.7, 22.2)
Skin Paresthesia	7.6	(5.9, 9.4)	6.3	(2.9, 9.6)
Implant Deflation	6.8	(5.0, 8.5)	7.5	(3.8, 11.2)
Scarring Complications	6.5	(4.9, 8.2)	6.0	(2.7, 9.2)
Irritation/Inflammation	3.2	(2.0, 4.3)	6.6	(3.3, 9.8)
Seroma	2.6	(1.6, 3.7)	3.9	(1.4, 6.4)
Skin Rash	1.9	(1.0, 2.8)	3.3	(0.9, 5.7)
Capsular Calcification	1.8	(0.9, 2.7)	5.4	(2.3, 8.6)
Hematoma	1.7	(0.8, 2.5)	1.3	(0.0, 2.8)
Infection	1.0	(0.3, 1.6)	6.0	(2.8, 9.2)
Delayed Wound Healing	<1	<1	2.7	(0.6, 4.9)
Implant Extrusion	<1	<1	3.2	(0.9, 5.6)
Tissue/Skin Necrosis	<1	<1	3.6	(1.1, 6.0)

*Many events were assessed with severity ratings, and for these complications the rates shown in the table include only complications rated moderate, severe, or very severe (excludes mild and very mild ratings). All occurrences are included for reoperation, implant removal, leakage/deflation, scarring complications, irritation/inflammation, seroma, hematoma, skin rash, infection, implant extrusion, and tissue/skin necrosis.

Table 3
Complications
Post Approval: 10 Year First Occurrence Kaplan-Meier Risk Rates, By Patient

Complication	10-Year Risk			
	Augmentation (N = 901)		Reconstruction (N = 237)	
	Rate (%)	(95% CI)	Rate (%)	(95% CI)
Reoperation	36.5	(33.4, 39.9)	54.6	(48.1, 61.5)
Breast Pain	29.7	(26.6, 33.0)	33.0	(26.4, 40.7)
Capsular Contracture Baker Grade III/IV	20.8	(18.1, 23.8)	51.7	(44.6, 59.2)
Implant Replacement/Removal	20.2	(17.7, 23.1)	39.5	(33.3, 46.5)
Implant Deflation	13.8	(11.5, 16.4)	22.5	(16.8, 29.7)

Reasons for Reoperations

[Table 4](#) shows the reasons for augmentation reoperation 5 years post-implantation from the A95 Study and 10 years post-implantation from the PASS Study based on the total number of reoperations.

Of the 901 augmentation patients in the A95 Study, at least one reoperation was performed on 225 patients (25%) through 5 years. A total of 293 reoperations were performed. The primary reason for reoperation through 5 years was implant deflation at 18.1%.

In the PASS Study, at least 1 reoperation was performed on 315 patients (36.5%) through 10 years. A total of 424 reoperations were performed. The primary reason for reoperation through 10 years on augmentation patients was implant deflation at 21.7%. The percentage of reoperations due to lump/mass/cyst increased from 8.5% of 293 reoperations through 5 years to 13.9% of 424 reoperations through 10 years. The occurrence of lumps, masses, and cysts can be expected to naturally increase as patients age and could be an explanation for the increase.

Table 4
Augmentation: Main Reasons for Reoperation Through 5 and 10 Years

Reasons for Reoperation*	5 Years		10 Years	
	N = 293		N= 424	
	n	%	n	%
Implant Deflation	53	18.1	92	21.7
Capsular Contracture	52	17.7	56	13.2
Implant Malposition	27	9.2	31	7.3
Lump/Mass/Cyst	25	8.5	59	13.9
Patient Request for Style/Size Change	25	8.5	48	11.3
Hematoma/Seroma	25	8.5	29	6.8
Scarring	20	6.8	20	4.7
Ptosis	14	4.8	26	6.1
Asymmetry	12	4.1	13	3.1
Add/Remove Saline	9	3.1	13	3.1
Wrinkling	7	2.4	8	1.9
Implant Palpability	4	1.4	5	1.2
Delayed Wound Healing	4	1.4	4	0.9
Infection	4	1.4	4	0.9
Nipple Complications	4	1.4	4	0.9
Skin Lesion/Cyst	3	1.0	3	0.7
Breast Pain	2	0.7	2	0.5
Capsule Calcification	1	0.3	1	0.2
Implant Extrusion	1	0.3	1	0.2
Irritation	1	0.3	1	0.2
Cancer	0	0.0	4	0.9
Total	293	100.0	424	100.0

*The reoperation rate excludes planned secondary surgeries. If more than one reason for a given reoperation was reported, the following hierarchy was used to determine a primary reason for that reoperation: implant deflation; infection; capsular contracture; extrusion; necrosis; hematoma/seroma; delayed wound healing; skin lesion/cyst; breast pain; irritation; capsule calcification; implant malposition; wrinkling; implant palpability; asymmetry; ptosis; scarring; nipple complications; cancer; lump/mass/cyst; patient request for style/size change; and add/remove saline.

Table 5 shows the reasons for reconstruction reoperation through 5 years in the R95 Study and 10 years in the PASS Study based on the total number of reoperations.

Of the 237 patients in the R95 Study, at least 1 reoperation was performed on 99 patients (42%) for a total of 125 reoperations through 5 years. The primary reason for reoperation through 5 years was capsular contracture at 25.6%.

In the PASS Study, at least one unplanned reoperation was performed on 120 patients (50.6%) through 10 years. A total of 159 reoperations were performed. The primary reason for reoperation through 10 years on reconstruction patients was also capsular contracture at 21.4%.

Table 5
Reconstruction: Main Reasons for Reoperation Through 5 and 10 Years

Reasons for Reoperation*	5 Years		10 Years	
	N = 125		N= 159	
	n	%	n	%
Capsular Contracture	32	25.6	34	21.4
Asymmetry	17	13.6	17	10.7
Implant Deflation	11	8.8	29	18.2
Patient Request for Style/Size Change	10	8.0	14	8.8
Scarring	10	8.0	10	6.3
Lump/Mass/Cyst	9	7.2	15	9.4
Infection	9	7.2	9	5.7
Hematoma/Seroma	5	4.0	5	3.1
Implant Extrusion	5	4.0	5	3.1
Implant Malposition	4	3.2	6	3.8
Tissue/Skin Necrosis	4	3.2	4	2.5
Wrinkling	3	2.4	3	1.9
Delayed Wound Healing	2	1.6	2	1.3
Skin Lesion/Cyst	2	1.6	2	1.3
Nipple Complications	1	0.8	2	1.3
Implant Palpability	1	0.8	1	0.6
Cancer	0	0.0	1	0.6
Total	125	100.0	159	100.0

*The reoperation rate excludes planned secondary surgeries. If more than one reason for a given reoperation was reported, the following hierarchy was used to determine a primary reason for that reoperation: implant deflation; infection; capsular contracture; extrusion; necrosis; hematoma/seroma; delayed wound healing; skin lesion/cyst; breast pain; irritation; capsule calcification; implant malposition; wrinkling; implant palpability; asymmetry; ptosis; scarring; nipple complications; cancer; lump/mass/cyst; patient request for style/size change; and add/remove saline.

Reasons for Implant Removal

Of the 901 augmentation patients in A95, there were a total of 98 patients (10.9%) who had 166 implants removed through 5 years. Of the 166 augmentation implants removed through 5 years, 94% were replaced. The most common reason for implant removal was patient choice for style/size change (43.4%). Through 10 years, 300 implants were removed from 170 patients. The most common reason was also patient choice for style/size change (41.3%).

The primary reason for implant removal in augmentation patients based on the number of implants removed is shown in Table 6 below.

Table 6
Augmentation: Reasons for Implant Removal Through 5 and 10 Years

Primary Reason for Implant Removal	5 Years		10 Years	
	N = 166		N = 300	
	n	%	n	%
Patient Choice for Size/Style Change	72	43.4	124	41.3
Implant Deflation*	54	32.5	100	33.3
Capsular Contracture	17	10.2	27	9.0
Wrinkling	6	3.6	8	2.7
Implant Palpability/Visibility	6	3.6	6	2.0
Asymmetry	3	1.8	8	2.7
Breast Pain	3	1.8	3	1.0
Malposition	2	1.2	16	5.3
Iatrogenic Injury	1	0.6	1	0.3
Infection	1	0.6	2	0.7
Implant Extrusion	1	0.6	1	0.3
Breast Mass/Lump/Cyst	0	0	4	1.3
Total	166	100	300	99.9

*Includes unreported/unknown (n=1 augmentation)

Of the 237 reconstruction patients in R95, there were 62 patients (26.2%) who had 70 implants removed through 5 years. Of the 70 reconstruction implants removed through 5 years, 70% were replaced. The most common reason for implant removal was capsular contracture (31.4%). Through 10 years, there were 104 implants removed from 85 patients. The most common reason for implant removal was implant leakage/deflation (32.7%).

The main reasons for implant removal in reconstruction patients are shown in Table 7 below.

Table 7
Reconstruction: Reasons for Implant Removal Through 5 and 10 Years

Primary Reason for Implant Removal	5 Years		10 Years	
	N = 70		N = 104	
	n	%	n	%
Capsular Contracture	22	31.4	22	21.2
Patient Choice for Style/Size Change	15	21.4	26	25.0
Implant Deflation*	12	17.1	34	32.7
Infection	7	10.0	7	6.7
Implant Extrusion	4	5.7	4	3.8
Implant Malposition	3	4.3	3	2.9
Other**	3	4.3	3	2.9
Wrinkling	2	2.9	2	1.9
Asymmetry	1	1.4	2	1.9
Recurrent Breast Cancer	1	1.4	1	1.0
Total	70	100	104	100.0

*Includes unreported/unknown (n=2 reconstruction)

**Other reasons as reported by the physician were *Abnormality on CT Scan at Mastectomy Site* (n=1), *Tissue Expansion Went Poorly Due to Radiation* (n=1), *Second Stage Breast Recon* (n=1)

As additional safety information, Table 8 shows the 5-year cumulative Kaplan-Meier adverse event risk rates of first occurrence following implant replacement (i.e., revision) on a by implant basis for the A95 and R95 Studies. There were 126 augmentation implants and 40 reconstruction implants in the A95/R95 Studies that were removed and replaced with Allergan study devices.

Table 8
A95/R95: 5 Year Cumulative First Occurrence Kaplan Meier Risk Rates
Following Implant Replacement, by Implant

Complication Following Replacement of Implants	Augmentation N = 126 Implants		Reconstruction N = 40 Implants	
	%	95% CI	%	95% CI
Removal/Replacement	18.3	(12.7, 25.9)	28.2	(17.2, 44.0)
Capsular Contracture Baker Grade III/IV	13.2	(8.3, 20.6)	42.4	(27.8, 60.6)
Leakage/Deflation	9.0	(5.4, 14.6)	15.4	(6.9, 32.3)

Other Clinical Data Findings

This section summarizes post-implant observations from the A95 and R95 Studies pertaining to connective tissue/autoimmune (CTD) disease and breast disease (including breast carcinoma). These data should be interpreted with caution in that there was no comparison group of similar women without implants. Confirmed reports were based on a diagnosis by a physician. Data pertaining to effects on offspring and mammographic detection of tumors/lesions were not collected in these studies.

Breast Disease

Through 5 years, there were 81 reports of breast disease for augmentation patients; eighty (80) were benign and one incident was malignant.

For the reconstruction patients, there were 99 reports of breast disease; 75 were benign and 24 were malignant.

CTD

For augmentation patients through 5 years, there were 7 confirmed reports of CTD disease (3 instances of Graves' Disease, and 2 instances each of hyperthyroiditis and chronic fatigue syndrome/fibromyalgia).

For reconstruction patients through 5 years, there was one confirmed report of Graves' disease.

CTD Signs and Symptoms

In the pivotal study, self-reported signs and symptoms were collected in the categories of General, Gastrointestinal, Neurological, Urinary, Global, Pain, Fatigue, Fibromyalgia, Joint, Muscular, Skin, and Other. For Primary Augmentation patients, no significant increases were found. Statistically significant increases were found for Primary Reconstruction patients in the symptom categories of Joint and Pain at 4 years.

The pivotal study was not designed to evaluate the cause and effect associations because there is no comparison group of women without implants, and because other contributing factors, such as medications and lifestyle/exercise, were not studied. Therefore, it cannot be determined whether this increase was due to the implants or not, based on the pivotal study. However, a patient should be aware that she may experience an increase in these symptoms after receiving breast implants.

INSTRUCTIONS FOR USE

Surgical Planning

Allergan relies on the surgeon to know and follow the proper surgical procedures with *NATRELLE*[®] Saline-Filled breast implants.

Proper surgical planning such as allowance for adequate tissue coverage, implant placement (i.e., submuscular vs. subglandular), incision site, implant type etc., should be made preoperatively.

The surgeon must carefully evaluate implant size and contour, incision placement, pocket dissection, and implant placement criteria with respect to the patient's anatomy and desired physical outcome.

• Implant Size Selection

Some of the important surgical and implant sizing variables that have been identified include the following:

- Larger implants, subglandular placement, and an insufficient amount of skin/tissue available to cover the implant may cause the implant to be more palpable.
- The implant should be consistent in size with the patient's chest wall dimensions, including base width measurements, bearing in mind the laxity of the tissue and the projection of the implant.
- A thorough discussion should be conducted with the patient, employing appropriate visual aids such as imaging, sizing implants, or other options to clarify her objectives and reduce the incidence of reoperation for size change.
- Available tissue must provide adequate coverage of the implant.

- **Incision Site Selection**

- Note that a periareolar incision, located around the border of the areola, involves cutting through the breast tissue and may be associated with a higher likelihood of breastfeeding difficulties as compared to other incision sites. A periareolar incision may carry an increased risk of infection and changes in sensation.
- The inframammary incision is generally less concealed than the periareolar, but it is associated with less breastfeeding difficulty than the periareolar incision site.
- The axillary incision is less concealed than the periareolar site.
- The periumbilical approach has not been studied in the clinical studies and should not be used for a wide variety of reasons, including potential damage to the implant shell.
- Take special care during breast reconstruction procedures carried out via the mastectomy scar to make sure that appropriate amounts of healthy tissue are available to cover the implant and that the implant is properly sized and positioned based upon careful preoperative planning.

- **Implant Placement**

- A well-defined, dry pocket of adequate size and symmetry must be created to allow the implant to be placed flat on a smooth surface.
- Submuscular placement may include longer surgery, longer recovery, more postoperative pain, and greater difficulty when performing some reoperation procedures than subglandular placement. The possible benefits of this placement are that it may result in less palpable implants, less likelihood of capsular contracture, and easier imaging of the breast for mammography. Also, submuscular placement may be preferable if the patient has thin or weakened breast tissue.
- Subglandular placement may make surgery and recovery shorter, may be less painful, and may be easier to access for reoperation than the submuscular placement. However, this placement may result in more palpable implants, greater likelihood of capsular contracture, and increased difficulty in imaging the breast with mammography.

Sterile Product

DO NOT use the product if the thermoform packages or seals have been damaged.

DO NOT implant damaged or contaminated breast implants.

DO NOT store the breast implant with the fill tube in place, which may damage the integrity of the valve seal.

DO NOT resterilize the product.

NEVER, under any circumstances, attempt to resterilize using ethylene oxide, which is known to cause adverse tissue reaction if not completely removed from the device.

Avoid unnecessary exposure of the breast implant to lint, talc, sponge, towel, skin oils, and other contaminants.

Prior to use, keep the breast implant in the inner thermoform and covered to prevent contact with airborne and surgical field particulate contaminants.

How to Open Sterile Product Package

Product identification stickers accompanying each device are provided within the internal product packaging. The stickers provide product-specific information and are designed to be attached to the patient's chart for identification purposes. The Device Identification Card should be provided to the patient for personal reference.

Each sterile saline-filled breast implant is supplied in a sealed, double primary package. Style-specific sterile product accessories are also supplied within the product packaging. Sterility of the implant is maintained only if the thermoform packages, including the package seals, are intact. Use standard procedures to maintain sterility during transfer of the breast implant to the sterile field.

Follow the instructions below to remove the breast implant and accessories from their packages in an aseptic environment and using talc-free gloved hands.

1. Peel open the lid of the outer thermoform package.
2. Invert the outer thermoform over the sterile field, allowing the sealed inner thermoform to gently fall into the field.
3. Peel open the lid of the inner package using the pull tab.
4. Gently retrieve the breast implant.

Surgical Procedure

Breast augmentation with saline-filled implants can be carried out through several different incisions including inframammary, periareolar, or transaxillary. The transumbilical incisional approach is not recommended. Some surgeons advocate a "no-touch" technique, which requires significant attention to minimizing contact between the patient's skin and the implant.

- Pocket dissection should be planned out preoperatively and be performed accurately and with minimal trauma. Excellent hemostasis is important to avoid postoperative hematoma. The implant may be placed subglandularly or subpectorally depending upon the balance of cosmetic and medical considerations in any given patient. The size and shape of the device may be determined preoperatively by means of dimensional planning or intraoperatively with the help of temporary sizer devices. The implant may be filled with saline either before or after insertion. If inserted

without saline, the implant may be inserted as received (i.e., filled with air), or the air may be evacuated prior to insertion. Regardless of which insertion technique is used, it is important to ultimately evacuate as much air from the implant as possible. The incision for the placement of the implant should be securely closed and in several layers, whenever possible. Drains are optional.

Breast reconstruction is generally carried out in the mastectomy scar. Special care must be used in breast reconstruction to make sure that appropriate amounts of healthy tissue is available to cover the implant and that the implant be properly sized and positioned based upon careful preoperative planning. Educational materials are available through the Allergan Customer Care Department to supplement surgical knowledge of the dimensional techniques.

Maintaining Hemostasis/Avoiding Fluid Accumulation

Postoperative hematoma and seroma may be minimized by meticulous attention to hemostasis during surgery, and possibly also by postoperative use of a closed drainage system. Persistent, excessive bleeding must be controlled before implantation.

Any postoperative evacuation of hematoma or seroma must be conducted with care to avoid breast implant contamination, or damage from sharp instruments.

Technique for Using Breast Implants with Diaphragm Valve

The fill volume range is specified on the product package labeling and data sheet. Following recommended fill volumes can decrease the possibility of shell wrinkling and crease fold failure.

DO NOT underfill or overfill the breast implant beyond the range specified.

DO NOT use excessive force during any of the steps in the following procedure.

DO NOT damage the breast implant with sharp surgical instruments such as needles and scalpels, or by excessive handling and manipulation during introduction into the surgical pocket.

1. Fill tube insertion

Prepare the fill tube by attaching the reflux valve to the Luer adapter of the fill tube as shown in **Figure 1**. The reflux valve prevents back-flow during intraoperative filling. This two-way valve opens when a syringe is attached and closes when the syringe is removed.

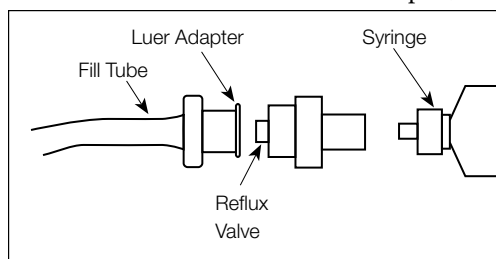


Figure 1

Figure 2 shows a cross section of the diaphragm valve with the strap closure in place and the valve closed. To insert the fill tube, wet the tip of the fill tube in sterile saline for injection and push the strap closure to one side of the valve entrance.

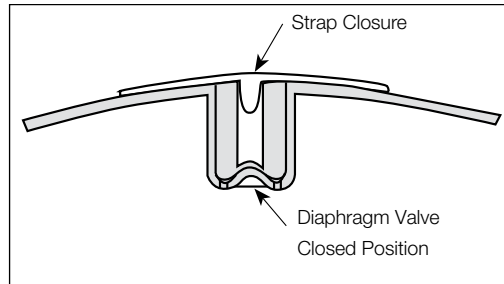


Figure 2

Insert the fill tube by gently pushing the fill tube tip into the valve entrance. Do not use excessive force while inserting the fill tube tip. When the fill tube flange nears or makes contact with the implant shell, the fill tube is in the proper position and the diaphragm valve is open (**Figure 3**).

2. Air aspiration

After the fill tube is properly inserted, remove any air from the breast implant by aspiration with an empty sterile syringe attached to the reflux valve on the fill tube.

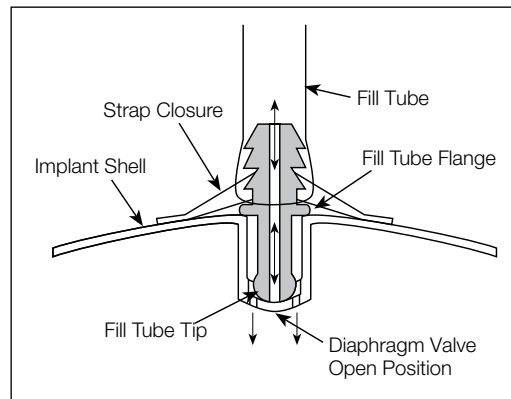


Figure 3

3. Placement

Consider use of a sterile delivery assistance sleeve (available separately) to assist with placement of the breast implant.

DO NOT use lubricants to facilitate placement, which create the risk of pocket contamination.

Lubricants may also affect tissue adherence.

DO NOT use the breast implant for expansion or dissection of the pocket.

4. Filling

Use a syringe filled with sterile, pyrogen-free Sodium Chloride U.S.P. Solution for Injection to fill the prosthesis and fill to a volume within the recommended fill range specified on the product package labeling and data sheet. Only sterile pyrogen-free Sodium Chloride U.S.P. Solution for Injection drawn from its original container should be used. As it is known that bacterial infections may result from contaminated saline, it is recommended that a new sterile saline container be used with each surgery and implant-filling procedure.

NOTE: The order of filling, placement, and orientation may vary with surgeon preference and technique.

5. Residual Air

After filling is completed, aspirate any residual air bubbles. Then use gentle traction to remove the fill tube from the valve, taking care to avoid damage to shell or valve.

6. Diaphragm Valve Closure

Use gentle traction to remove the fill tube from the valve, taking care to avoid damage to shell or valve. Verify that the diaphragm valve is clear of particulates. Once the fill tube tip is removed the diaphragm valve is closed. To help retard tissue ingrowth or fluid accumulation in the valve entrance, engage the strap closure as follows: using the thumb and forefinger, compress the valve seat and the strap to snap the valve plug into place as shown in **Figure 2**.

Documentation the Physician Should Provide to the Patient

Breast implantation is an elective procedure and the patient must be well counseled on the risk-benefit relationship. The surgeon should provide each prospective patient with the following:

- ***Patient Labeling***

Making an Informed Decision, Breast Surgery with NATRELLE® Saline-Filled Breast Implants should be used to facilitate patient education on the risks and benefits of saline-filled breast implant surgery. It should be given to the patient during her initial visit/consultation to allow sufficient time for review prior to making the decision to proceed with surgery. You should verify that the patient has an adequate understanding of the information in subsequent preoperative discussions. The patient should be advised to wait at least 1-2 weeks after reviewing and considering this information, before deciding whether to have this surgery, unless an earlier surgery is deemed medically necessary.

- ***Device Identification Card***

Enclosed with each saline-filled breast implant is a Device Identification Card. To complete Allergan's Device Identification Card, place one device identification sticker for each implant on the back of the card. Stickers are located on the internal product packaging attached to the label. If a sticker is unavailable, the lot number, catalog number, and description of the device may be copied by hand from the device label. Patients should be provided with these cards for personal reference.

- ***Acknowledgement of Informed Decision and Patient Decision Checklist***

In order to document a successful informed decision process, the ***Acknowledgement of Informed Decision and Patient Decision Checklist*** document (available separately at: www.allerganlabeling.com) should be signed by both the patient and the surgeon. A copy should be provided to the patient and a copy should be retained in the patient's file.

Additional Specific Product Information

Returned Goods Policy

Product returns should be handled through your Hospital or Surgical Sales Representative or through the Allergan Customer Care Department at 1.800.766.0171. Return value is based on time limitations. All package seals must be intact to be eligible for return. Returned products may be subject to a restocking charge.

Reporting and Return of Explanted Devices

The reason for explantation should be reported and the explanted device returned to Allergan. In the event of an explantation, please contact Allergan's Product Surveillance Department at 1.800.624.4261 for an Explant Kit and explant return instructions.

ConfidencePlus® Limited Warranties

The ConfidencePlus® Limited Warranty provides lifetime replacement and limited financial reimbursement in the event of loss of shell integrity resulting in implant deflation, subject to certain conditions as fully discussed in the ConfidencePlus® literature. For more information, please visit www.cppwarranty.com or contact Allergan's Product Surveillance Department at 1.800.624.4261.

Product Ordering

To order directly in the U.S.A. or for product information, please contact your local Allergan Hospital or Surgical Sales Representative or the Allergan Customer Care Department at 1.800.766.0171.

Reporting Problems

The Food and Drug Administration (FDA) requires healthcare providers to report serious injuries involving medical devices (defined as those that need medical or surgical intervention to prevent permanent damage) to the manufacturer and/or to FDA. In addition, injuries or complications can be voluntarily reported directly by the patient to FDA's MedWatch.

If you have a patient who has experienced one or more serious problems related to her breast implants, you are encouraged to report the serious problem(s) to the FDA through the MedWatch voluntary reporting system. Examples of serious problems include disability, hospitalization, harm to offspring, and medical or surgical intervention to prevent lasting damage.

You are also required to report any product problem or serious adverse event to Allergan. Deaths must be reported to Allergan and FDA. To report use MedWatch Form 3500, which may be obtained through FDA's website at <https://www.fda.gov/Safety/MedWatch/>. You may also call 1.888.INFO.FDA (1.888.463.6332), 10am-4pm Eastern Time, Monday through Friday. **Keep a copy of the completed MedWatch form for your records.**









This information reported to MedWatch is entered into databases to be used to follow safety trends (patterns) of a device and to determine whether further follow-up of any potential safety issues related to the device is needed.

The National Breast Implant Registry

The Plastic Surgery Foundation has developed the National Breast Implant Registry (NBIR) in collaboration with the FDA, patients and breast implant manufacturers to strengthen the post-market surveillance infrastructure for current and future breast implant devices in the United States. The NBIR, first launched in 2018, is a quality improvement initiative and safety surveillance registry that collects clinical, procedural and outcomes data at the time of operation and any subsequent reoperations for all US patients receiving breast implants. NBIR allows surgeons to register implants with the manufacturers for the purpose of device tracking while also submitting data to the registry. Go to theptf.org/NBIR to register and start data entry.

Graphical Symbols

The following symbols appear in the package labels for *NATRELLE*® Saline-Filled Breast Implants.

	<p>Prior to using this device refer to the Directions for Use (DFU) Document at www.allerganlabeling.com or request a copy by calling 888-474-5665</p>
	<p>Dry Heat Sterilized</p>
	<p>For Single Use Only</p>
	<p>Expiration Date (YYYY-MM-DD)</p>
	<p>Lot</p>
	<p>Catalog Number</p>
	<p>Serial Number</p>
	<p>Not Made With Natural Rubber Latex</p>

References

1. NCCN Clinical Practice Guidelines in Oncology, T-cell Lymphomas. Version 1.2017, December 7, 2016. NCCN.org
2. McLaughlin, J., et al. 2007. The safety of silicone gel-filled breast implants: A review of the epidemiologic evidence. *Ann. Plast. Surg.* 59(5):569-80.
3. Balk EM, Earley A, Avendano EA, Raman G. Long-term health outcomes in women with silicone gel breast implants: a systematic review. *Ann Intern Med.* 2016;164(3):164-175.
4. Blackburn, W.D., Jr. and Everson, M.P. 1997. Silicone-associated rheumatic disease: an unsupported myth. *Plast Reconstr Surg.* 99:1362-1367.
5. Brinton, L.A., et al. 2004. Risk of connective tissue disorders among breast implant patients. *Am. J. Epidemiol.* 160(7):619-27.
6. Brown, S.L., Duggirala, H.J., and Pennello, G. 2002. An association of silicone-gel breast implant rupture and fibromyalgia. *Curr Rheumatol Rep.* 4:293-298.
7. Brown, S.L., et al. 2001. Silicone gel breast implant rupture, extracapsular silicone, and health status in a population of women. *J. Rheumatol.* 28(5):996-1003.
8. Fryzek, J.P. et al. 2007. A nationwide study of connective tissue disease and other rheumatic conditions among Danish women with long-term cosmetic breast implantation. *Ann Epidemiol.* 17:374-379.
9. Greenland, S. and Finkle, W.D. 2000. A retrospective cohort study of implanted medical devices and selected chronic diseases in Medicare claims data. *Ann Epidemiol.* 10:205-213.
10. Hochberg, M.C. and Perlmutter, D.L. 1996. The association of augmentation mammoplasty with connective tissue disease, including systematic sclerosis (scleroderma): a meta-analysis. *Curr Top Microbiol Immunol.* 210:411-417.
11. Hölmich, L.R., et al. 2003. Self-reported diseases and symptoms by rupture status among unselected Danish women with cosmetic silicone breast implants. *Plast. Reconstr. Surg.* 111(2):723-32.
12. Janowsky, E.C., et al. 2000. Meta-analyses of the relation between silicone breast implants and the risk of connective-tissue diseases. *N. Engl. J. Med.* 342(11):781-90.
13. Kjølner, K. et al. 2001. Connective tissue disease and other rheumatic conditions following cosmetic breast implantation in Denmark. *Arch Intern Med.* 161:973-979.
14. Lamm, S.H. 1998. Silicone breast implants, breast cancer and specific connective tissue diseases: A systematic review of the data in the epidemiological literature. *Int J Toxicol.* 17:457-497.
15. Lee IM, Cook NR, Shadick NA, Pereira E, Buring JE. Prospective cohort study of breast implants and the risk of connective-tissue diseases. *Int J Epidemiol.* 2011;40(1):230-238.
16. Lewin, S.L. and Miller, T.A. 1997. A review of epidemiologic studies analyzing the relationship between breast implants and connective tissue diseases. *Plast Reconstr Surg.* 100:1309-1313.

17. Lipworth, L., et al. 2004. Silicone breast implants and connective tissue disease: An updated review of the epidemiologic evidence. *Ann. Plast. Surg.* 52(6):598-601.
18. Silverman, B.G. et al. 1996. Reported complications of silicone gel breast implants: an epidemiologic review. *Ann Intern Med.* 124:744-756.
19. Tugwell, P., et al. 2001. Do silicone breast implants cause rheumatologic disorders? A systematic review for a court-appointed national science panel. *Arthritis Rheum.* 44(11):2477-84.
20. Vermeulen, R.C. and Scholte, H.R. 2003. Rupture of silicone gel breast implants and symptoms of pain and fatigue. *J Rheumatol.* 30:2263-2267.
21. Weisman, M.H., et al. 1988. Connective-tissue disease following breast augmentation: A preliminary test of the human adjuvant tissue hypothesis. *Plast. Reconstr. Surg.* 82(4):626-30.
22. Williams, H.J., et al. 1997. Breast implants in patients with differentiated and undifferentiated connective tissue disease. *Arthritis Rheum.* 40(3):437-40.
23. Wolfe, F. and Anderson, J. 1999. Silicone filled breast implants and the risk of fibromyalgia and rheumatoid arthritis. *J. Rheumatol.* 26(9):2025-8.
24. Wong, O. 1996. A critical assessment of the relationship between silicone breast implants and connective tissue diseases. *Regul Toxicol Pharmacol.* 23:74-85.
25. Berner, I., et al. 2002. Comparative examination of complaints of patients with breast-cancer with and without silicone implants. *Eur. J Obstet. Gynecol. Reprod. Biol.* 102(1):61-6.
26. Breiting, V.B., et al. 2004. Long-term health status of Danish women with silicone breast implants. *Plast. Reconstr. Surg.* 114(1):217-26.
27. Fryzek, J.P., et al. 2001. Self-reported symptoms among women after cosmetic breast implant and breast reduction surgery. *Plast. Reconstr. Surg.* 107(1):206-13.
28. Kjølner, K., et al. 2004. Self-reported musculoskeletal symptoms among Danish women with cosmetic breast implants. *Ann. Plast. Surg.* 52(1):1-7.
29. Brinton, L.A., et al. 2000. Breast cancer following augmentation mammoplasty (United States). *Cancer Causes Control.* 11(9):819-27.
30. Deapen, D., et al. 2000. Breast cancer stage at diagnosis and survival among patients with prior breast implants. *Plast. Reconstr. Surg.* 105(2):535-40.
31. Jakubietz, M.G., et al. 2004. Breast augmentation: Cancer concerns and mammography—A literature review. *Plast. Reconstr. Surg.* 113(7):117e-22e.
32. Miglioretti, D.L., et al. 2004. Effect of breast augmentation on the accuracy of mammography and cancer characteristics. *JAMA.* 291(4):442-50.
33. Pukkala, E., et al. 2002. Incidence of breast and other cancers among Finnish women with cosmetic breast implants, 1970-1999. *J. Long Term Eff. Med. Implants.* 12(4):271-9.



Allergan
2525 Dupont Drive
Irvine, CA 92612
1.800.624.4261

©2022 Allergan. All rights reserved.
All trademarks are the property of their respective owners.
Patented. See <https://www.abbvie.com/allergan-patent-notice.html>
www.allergan.com

M712rev10 02/2022