## ARISE 2025 Annual Report



American Registry for Breast Implant Surveillance and Evaluation







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#### The 2024 Annual Report has been compiled by the American Registry for Breast Implant Surveillance and Evaluation (ARISE).

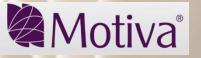
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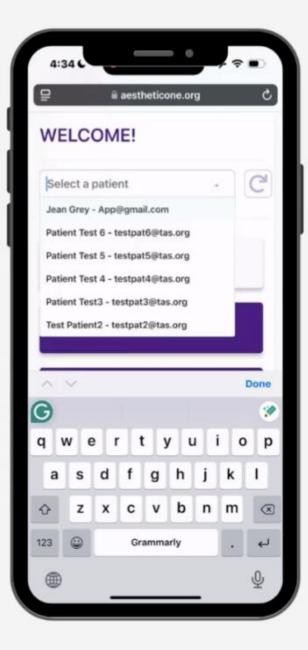












First Registry to connect directly with the patient-PROM

First Registry to run a prospective clinical trial: **STAR Study** 

Over 120,000\* devices registered since 2021

\* September 2025



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#### Letter from the Chair ARISE Task Force and President the Aesthetic Foundation

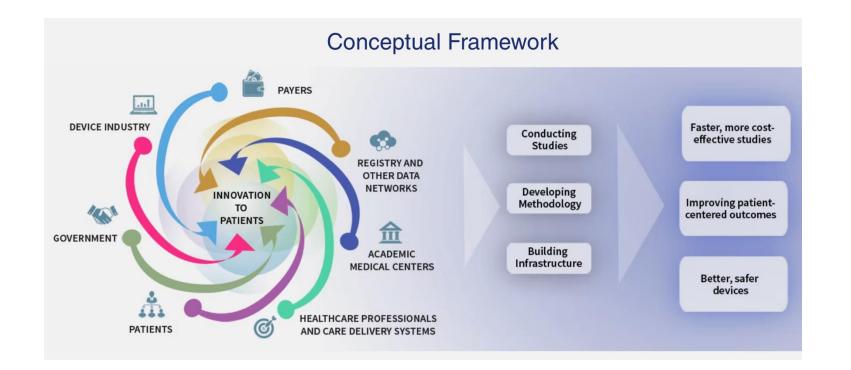
The ARISE Registry launched in 2021 on the Aesthetic One platform. The focus was to collect more granular data than any prior medical device registry. In 2024 Aesthetic One migrated to its new platform improving functionality, speed, and capabilities. Now, real-world data from device placement to explantation is broken down into its most detailed elements to be shared with manufacturers, patients, and the FDA.

ARISE is the first US registry to initiate a prospective clinical trial on breast implant safety, the STAR study. Launched in 2024, the STAR study will enroll 1,000 patients and will collect breast data pre-operatively and for two years post-operatively.

We are excited to publish our first annual report and look forward to working alongside our committed surgeons and motivated patients, generating useful data to be shared with other registries world-wide.

Caroline Glicksman, MD., MSJ Chair ARISE Committee, The Aesthetic Foundation

Patricia McGuire, MD President the Aesthetic Foundation





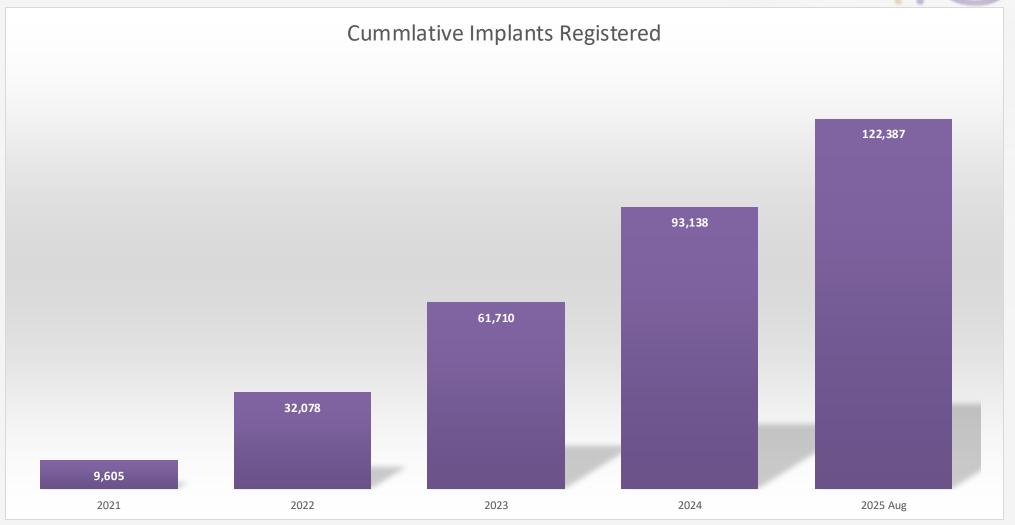
In December 2024 ARISE and Aesthetic One partnered with MDEpinet, a national patient-centered medical device evaluation and surveillance system.

MDEpinet is affiliated with the US Food and Drug Administration and utilizes the DNA-Hive technology platform initially developed by the FDA for advancing medical device registries.

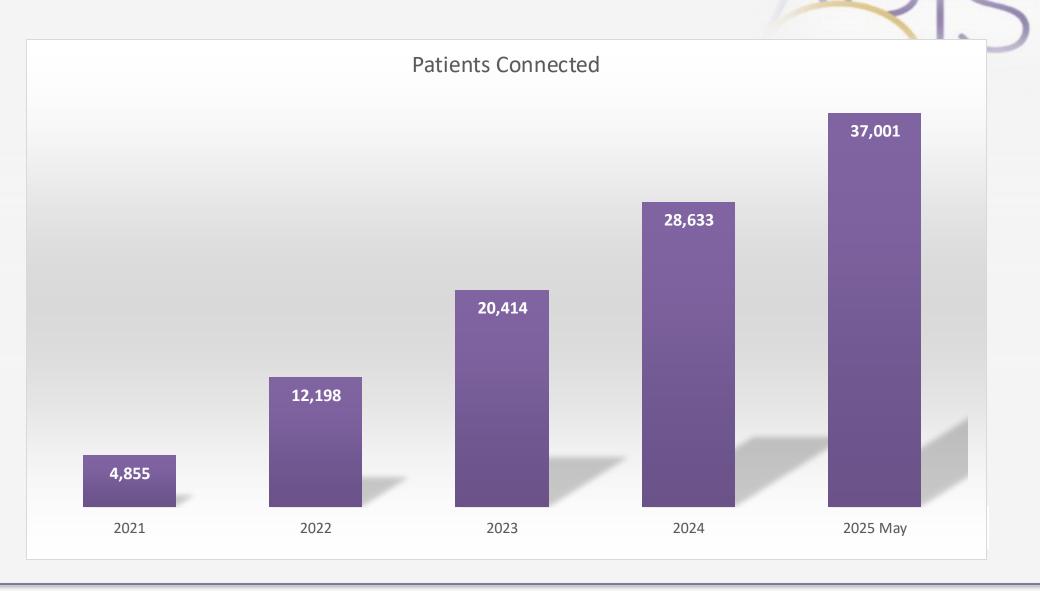
ARISE supports data collection throughout the breast implant lifecycle and advances clinical research through this innovative research network.

### Device Registration 2021-2025

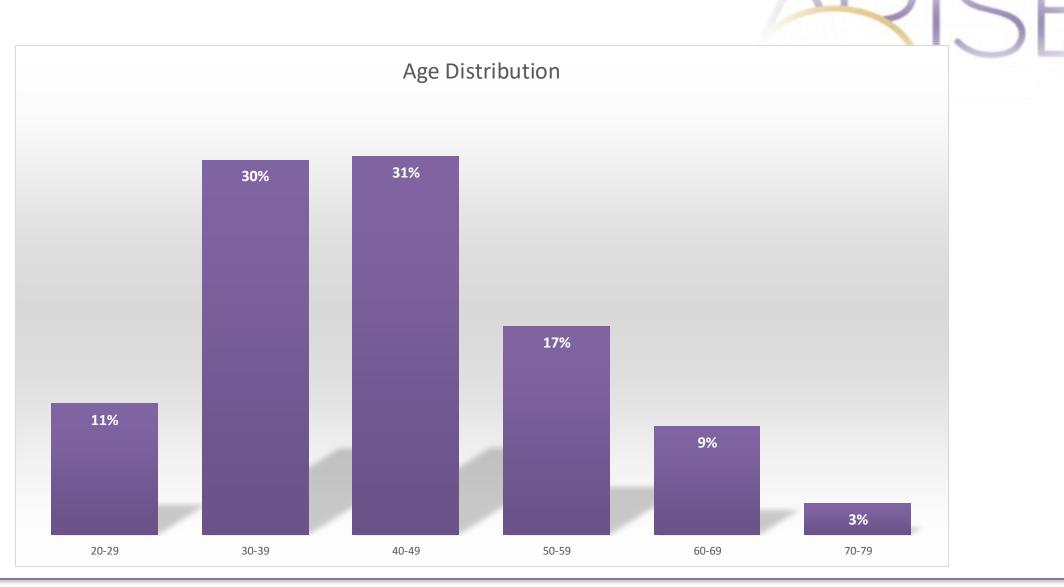




### Patient Connectivity- PROM



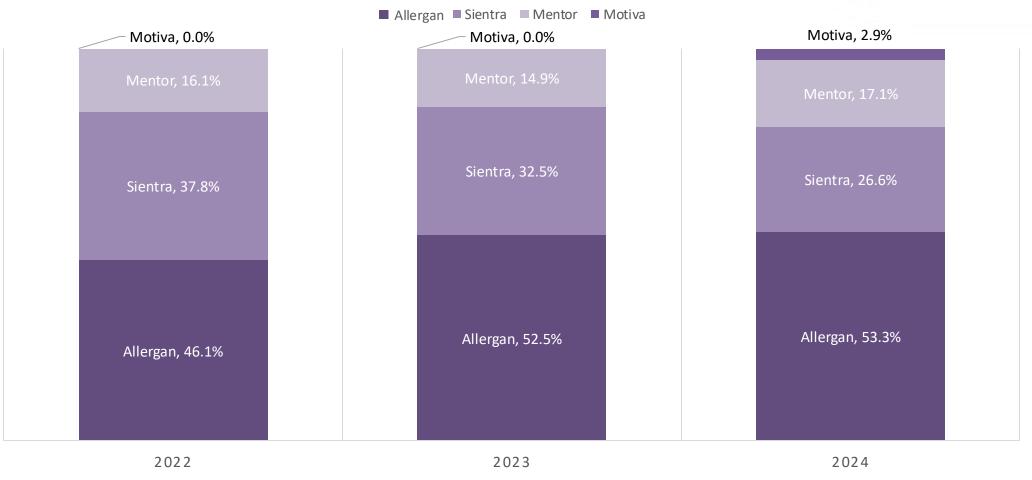
### Registry Data: Patient Age Distribution



#### Registry Data: Implant by Manufacturer



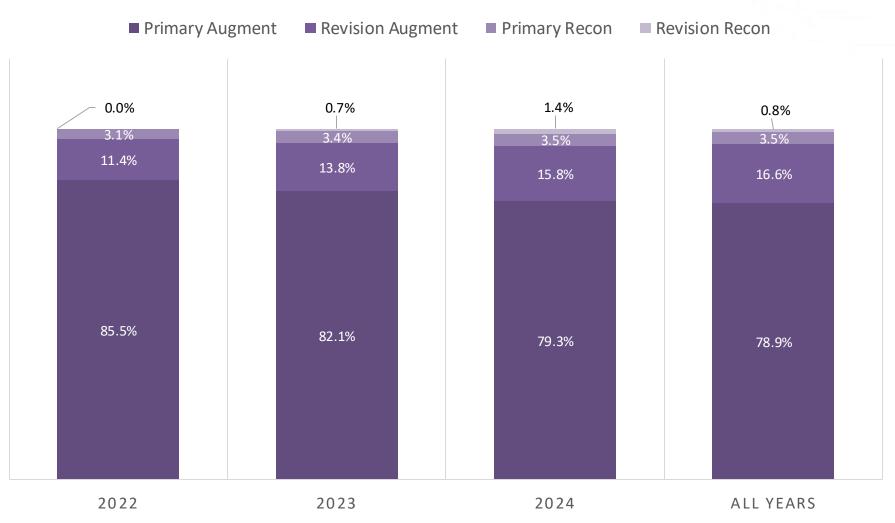
#### **IMPLANTS BY MANUFACTURER**



#### Registry Data: Procedure Type



#### PROCEDURE TYPE DISTRIBUTION

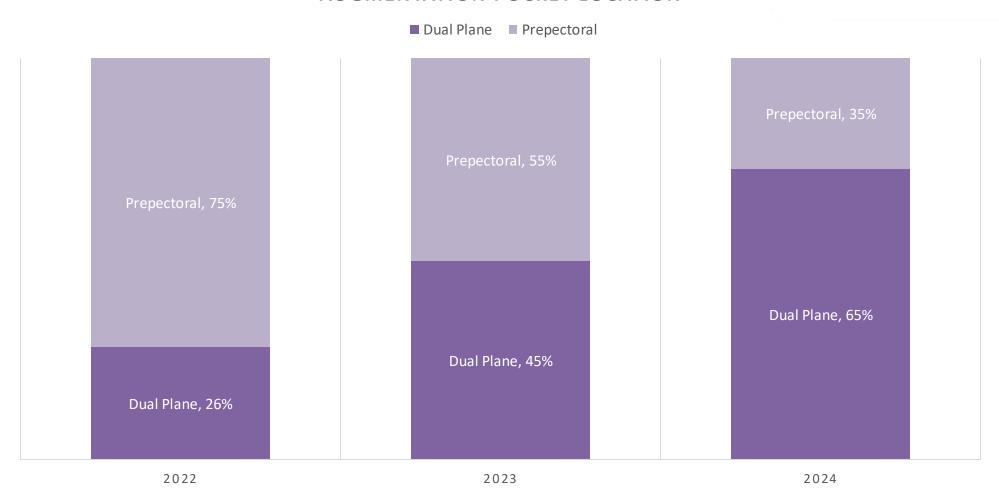


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# Registry Data: Pocket Location Augmentation and Revision Augmentation



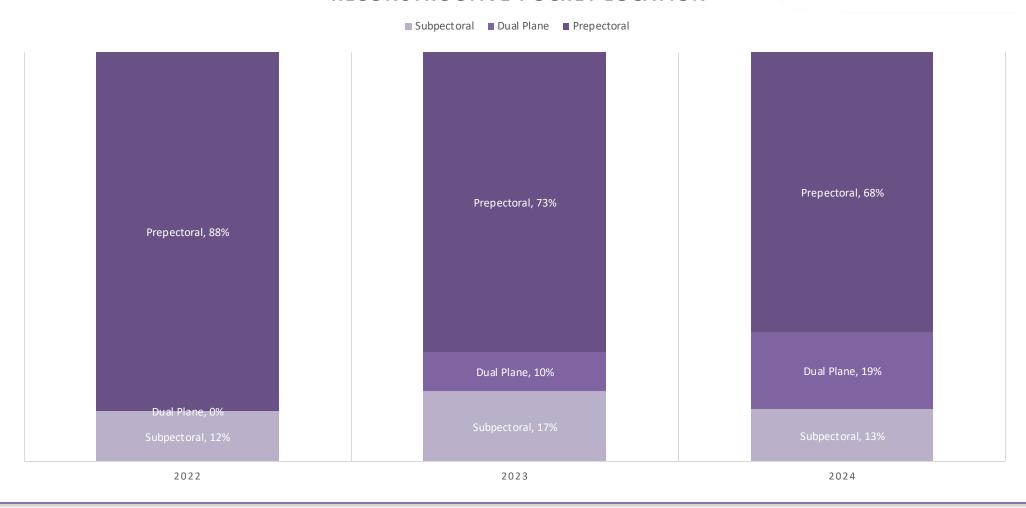
#### **AUGMENTATION POCKET LOCATION**



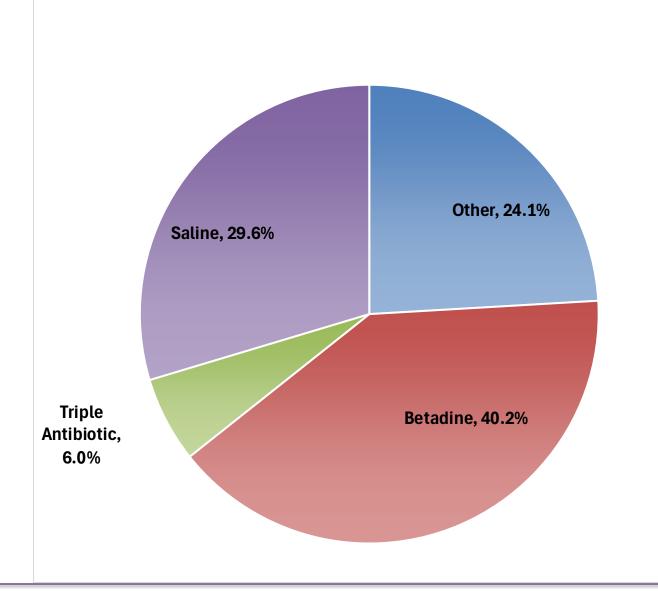
# Registry Data: Pocket Location Reconstruction and Revision Reconstruction



#### RECONSTRUCTIVE POCKET LOCATION



#### Registry Data: Use of Pocket Irrigation





Betadine

■ Triple Antibiotic

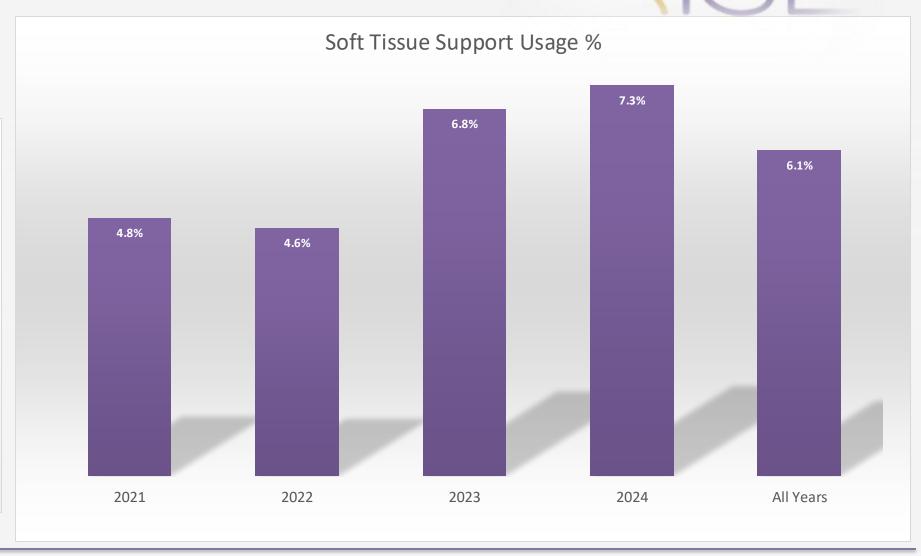
Saline

Betadine_100%	2.6%
Betadine_25%	1.1%
Betadine_50%	14.8%
Betadine_Less_than_25%	5.0%
Betadine-Triple Antibiotic	
combination	16.8%

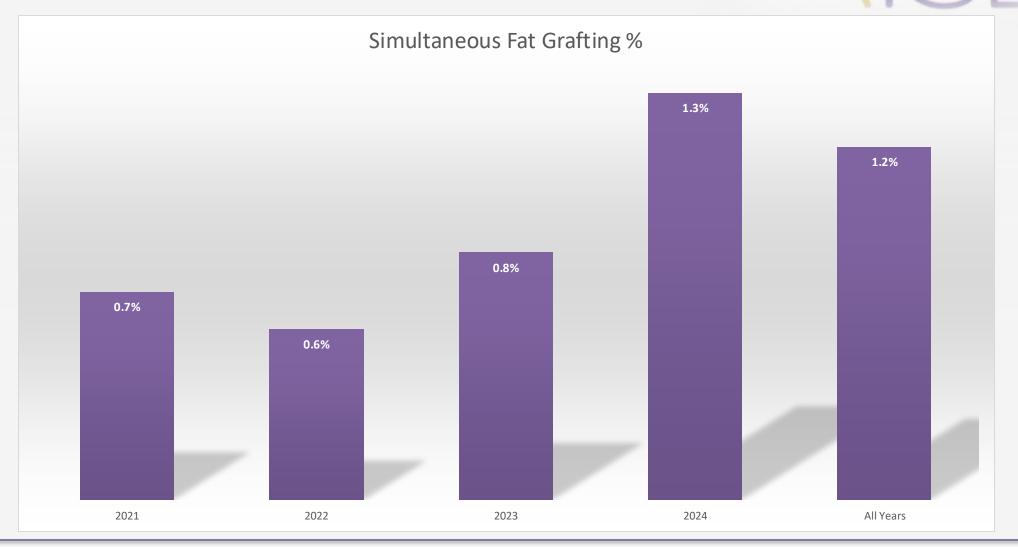
Other:
Stock dilute Hypochlorous Acid
Stock dilute Chlorhexidine

#### Registry Data: Use of Soft Tissue Support- ADM and Scaffolds

Allergan-AlloDerm™ Allergan-Stattice™ Medline-Allomax<sup>®</sup> MTF-FlexHD<sup>®</sup> BD-GalaFlex™ Telabio-OviTex® Novus Scientific-Tigr Matrix® Ethicon-Vicryl Mesh®



## Registry Data: Use of Autologous Fat Transfer at Time of Implantation



#### Registry Data: Reason for Revision-Revision Augmentation

Hematoma/infection 0.7%

Implant related 7.9%

Deflation/rupture 8.0%

Capsular contracture 8.0%

Aesthetic 75.4%

Hematoma/infection 0.2%
Implant related 5.5%
Deflation/rupture 10.0%

Capsular contracture 9.7%

Aesthetic 74.5%

Hematoma/infection 0.9%

Implant related 4.8%

Deflation/rupture 13.0%

Capsular contracture 12.1%

Aesthetic 69.2%

2022 2023 2024

#### Registry Data: Reason for Revision-Revision Reconstruction

Deflation/rupture 0.0% Implant related 23.8% Implant related 25.4% Implant related 25.7% Aesthetic 69.8% Aesthetic 73.7% Aesthetic 60.1% 2023 2024 2022

#### Registry Data: Explantation Without Replacement

#### Additional data fields added in 2025

- Name of manufacturer
- ☐ Serial number if available
- Number of years implanted
- Reason for removal: Rupture

Capsular contracture

Textured implant recall

**BIA-ALCL** 

**Breast cancer** 

BII

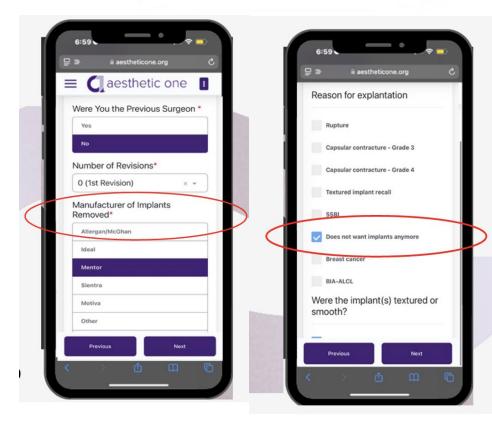
Does not want implants anymore

■ Additional Aesthetic Procedure performed:

Mastopexy

Fat grafting





## **STAR Study**



#### **Purpose:**

Systemic Symptoms Associated with Breast Implants (SSBI) also labeled Breast Implant Illness (BII) is a vague constellation of self-diagnosed systemic symptoms reported by some women with breast implants.

The STAR study is the first prospective clinical study to include validated methodology that pulls data directly from ARISE through the patient interface.

#### Design:

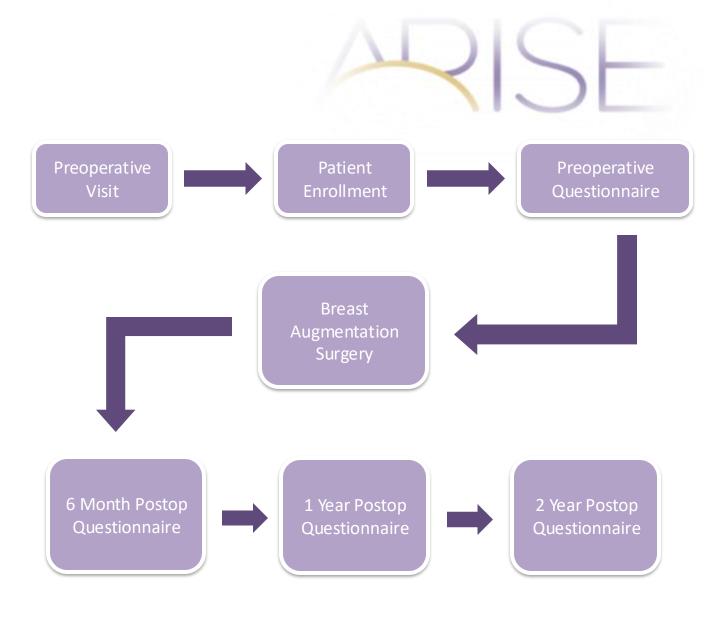
Patients complete all parts of the study electronically and independently allowing investigators to enroll study subjects from multiple sites with minimal administrative oversight.

1000 primary breast augmentation and augmentation mastopexy subjects will be enrolled in the STAR study and followed for 2-years post surgery.

#### STAR Study- Purpose and Design

## Data collection through ARISE includes:

- Demographic details
- Previous health and surgical history
- PROMIS-29 evaluation
- Whiteley Index 6 evaluation
- Michigan body mapping
- Mapping of breast/chest discomfort
- Online questionnaire for questions



#### Registry Collaboration and Expansion



#### **Targets 2025-2026:**

- ☐ The Aesthetic Foundation oversees the ARISE Committee and is tasked with encouraging US surgeons to register breast implants, collect procedural data, and directly communicate with patients, manufacturers, and the FDA.
- ☐ Prepare for 2025-2026 Internal Audit and research publications.
- ☐ Enhance collaboration with other national and international breast implant registries.





