

# Advancements in Aesthetic Breast Augmentation

Evaluating the Safety, Efficacy, and Naturalistic Outcomes of SmoothSilk Ergonomix2<sup>®</sup> Implants

Analysis demonstrate that SmoothSilk Ergonomix<sup>®</sup> implants:

- Exhibited enhanced softness and pliability, closely mimicking the biomechanical behaviour of natural breast tissues\*
- Significantly improve the breast contour symmetry and natural feel, with dynamically adaptable outcomes\*\*
- Increase the surgical efficiency with a minor learning curve

• \*Compared to macrot textured anatomical, SmoothSilk<sup>®</sup> Round and Ergonomix<sup>®</sup>.

• \*\* Compared to Ergonomix<sup>®</sup>.

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ORIGINAL ARTICLE BREAST SURGERY

## Advancements in Aesthetic Breast Augmentation: Evaluating the Safety, Efficacy, and Naturalistic Outcomes of Ergonomix2 Implants

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**Abstract**  
*Background* This pioneering study evaluates the safety, efficacy, and Aesthetic outcomes of Ergonomix2 Motiva Ergonomic Implants in breast augmentation. It aims to assess their capability to offer more natural touch and dynamics, delineate the learning curve for surgical techniques, and examine their safety profile compared to Ergonomix1 implants.  
*Materials and Methods* A prospective cohort study was conducted, comparing 31 patients who received Ergonomix2 implants with a control group of 51 patients with Ergonomix1 implants. Eligible patients were those seeking Aesthetic breast augmentation without prior surgeries or chronic illnesses. Detailed documentation of surgical techniques, implant characteristics, and patient demographics was performed. The study assessed surgical learning curve, implant positioning accuracy, and short-term and early complications. Aesthetic outcomes were evaluated using the BreastQ questionnaire and quantitative elastography.  
*Results* Patients with Ergonomix2 implants showed significant improvements in Aesthetic outcomes, including breast contour symmetry and natural feel. The learning curve demonstrated a decrease in surgical time and higher implant positioning accuracy. The safety profile was favorable, with a low complication rate and high patient satisfaction levels. Ergonomix2 implants exhibited

enhanced softness and pliability, closely mimicking natural breast tissue, as confirmed by elastographic analyzes.  
*Conclusions* Ergonomix2 implants represent a significant advancement in Aesthetic breast surgery, offering natural-feeling and dynamically adaptable outcomes. Despite the promising results, the need for specialized surgical techniques and further research on long-term safety and efficacy is emphasized. This study contributes foundational knowledge to the field of ergonomic breast implants and their application in modern plastic surgery.  
*Level of Evidence II* This journal requires that authors assign a level of evidence to each article. For a full description of these Evidence-Based Medicine ratings, please refer to the Table of Contents or the online Instructions to Authors [www.springer.com/00266](http://www.springer.com/00266).

**Keywords** Breast augmentation · Ergonomix2 Motiva Ergonomic implants · Surgical insights · Learning curve · Surgical technical details · Safety profile · Aesthetic breast surgery

**Introduction**  
In the realm of plastic surgery, the quintessential aim has always been to emulate natural beauty, creating a sense of harmony and proportionality within the human body. This paradigm is particularly relevant in the field of breast augmentation, where current trends underscore a surgical endeavor toward perfecting more natural Aesthetic out-

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