

Custom Made Silicone Implants By Computer Aided Design: A Comprehensive Guide

Breast augmentation has become increasingly popular over the years, with over 300,000 procedures performed annually in the United States alone. While traditional silicone implants have been the standard for decades, advancements in technology have led to the development of custom made silicone implants by computer aided design (CAD). This cutting-edge technique offers a range of benefits, including:

- Natural-looking results
- Personalized implants
- Reduced risk of complications
- Shorter recovery time

Benefits of Custom Made Silicone Implants

Natural-Looking Results

Custom made silicone implants are designed to mimic the natural shape and feel of the breast tissue. This is achieved by using a 3D scanner to create a precise model of the patient's breast. The implant is then custom-crafted to fit the patient's unique anatomy, ensuring that it blends seamlessly with the natural breast tissue.

**Pectus Excavatum and Poland Syndrome Surgery:
Custom-Made Silicone Implants by Computer Aided
Design** by Jean-Pierre Chavoïn

★★★★★ 5 out of 5



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Screen Reader	: Supported
Enhanced typesetting	: Enabled
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Personalized Implants

Unlike traditional silicone implants, which come in standard sizes and shapes, custom made implants are tailored to the individual needs of each patient. This means that the implant can be designed to achieve the desired size, shape, and projection, resulting in a more natural-looking and satisfying outcome.

Reduced Risk of Complications

Custom made silicone implants are less likely to cause complications than traditional implants. This is because the implant is designed to fit the patient's anatomy precisely, which reduces the risk of implant displacement or rotation. Additionally, the use of CAD technology ensures that the implant is manufactured to the highest standards of quality, minimizing the risk of defects or ruptures.

Shorter Recovery Time

Custom made silicone implants typically have a shorter recovery time than traditional implants. This is because the implant is designed to fit the patient's anatomy precisely, which reduces the need for extensive surgery

and dissection. As a result, patients can often return to their normal activities sooner after surgery.

Process of Custom Made Silicone Implants

The process of getting custom made silicone implants typically involves the following steps:

1. **Consultation:** The patient meets with a board-certified plastic surgeon to discuss their goals and expectations. The surgeon will perform a physical exam and discuss the benefits and risks of custom made silicone implants.
2. **3D Scan:** The patient undergoes a 3D scan of their breasts. This scan creates a precise model of the breast tissue, which is used to design the custom implant.
3. **Implant Design:** The surgeon uses the 3D scan to design the custom implant. The implant is designed to fit the patient's unique anatomy and achieve the desired size, shape, and projection.
4. **Implant Manufacture:** The implant is manufactured using CAD technology to ensure the highest standards of quality.
5. **Surgery:** The custom made implant is implanted during a surgical procedure. The surgery is typically performed on an outpatient basis and takes approximately two to three hours.

Considerations for Custom Made Silicone Implants

Before considering custom made silicone implants, it is important to keep the following considerations in mind:

Cost

Custom made silicone implants are typically more expensive than traditional implants. This is because the process of designing and manufacturing custom implants is more complex and time-consuming.

Availability

Custom made silicone implants are not available at all plastic surgery clinics. It is important to find a board-certified plastic surgeon who has experience with this technique.

Recovery Time

While custom made silicone implants typically have a shorter recovery time than traditional implants, it is still important to plan for some downtime after surgery. Most patients can return to their normal activities within a few weeks, but it may take several months for the implants to settle completely.

Custom made silicone implants by computer aided design are a cutting-edge solution for achieving a natural-looking and customized breast augmentation. This advanced technique offers a range of benefits, including natural-looking results, personalized implants, reduced risk of complications, and shorter recovery time. However, it is important to keep the cost, availability, and recovery time considerations in mind before making a decision.

If you are considering custom made silicone implants, it is important to consult with a board-certified plastic surgeon to discuss your goals and expectations. The surgeon can provide you with personalized advice and help you determine if this technique is right for you.

Additional Resources

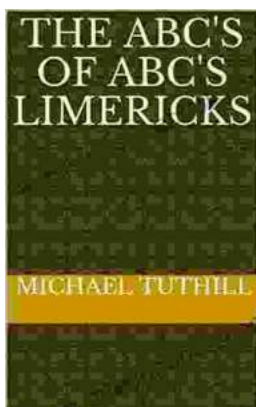
- Breast Augmentation | American Society of Plastic Surgeons
- Custom Breast Implants | RealSelf
- Breast Augmentation Surgery: What to Expect | WebMD



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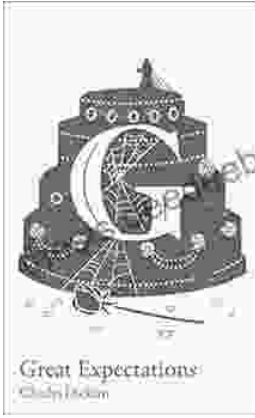
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