

Introducing the first and only FDA-approved surgical adhesive for drain-free tummy tucks

TECHNOLOGY THAT TRANSFORMS YOU

TissuGlu® elevates the tummy tuck experience like never before, with advanced technology that helps eliminate drains and drain-related scars.



TissuGlu®

TRANSFORMING REALITY™

What is a tummy tuck?

A tummy tuck (abdominoplasty) is a procedure where excess skin and fat are surgically removed to create a smoother, firmer stomach area. After surgery, fluid can build up between the tissue layers and interfere with the healing process. To prevent fluid accumulation—the #1 complication after a tummy tuck—doctors typically insert drains at the time of surgery.³ These drains may be left in place as long as 2-3 weeks, and are then removed during an office procedure.

What are drains?

A drain is a clear tube that is placed through a short incision below your main incision. The tube comes out of your body and ends in a small container about the size of a lemon. The container is designed to collect fluid. You may have 1 or more drains after surgery. While drains have been the standard of care for years, there is a lot of anxiety about the pain and maintenance they entail after surgery. Research has shown that 100% of patients complain about the pain and discomfort associated with drains after abdominoplasty.¹

Post-tummy tuck with drains



Why are drains used?

During a tummy tuck, a large flap of tissue is detached from the underlying tissue and muscle, then pulled tight and reattached. However, pockets of unattached tissue remain. These areas are prone to fluid buildup that may separate tissue layers and interfere with healing.

What are the challenges associated with drain management?

Most patients find drains to be inconvenient and uncomfortable during recovery. For example, drains must be pinned to binders or undergarments. This can be awkward and cumbersome and can make hiding them under everyday clothing difficult. Drains may also interfere with a good night's sleep, since movements can tug on the stabilizing sutures. Additionally, drains can be messy, because they need to be emptied multiple times a day and may leak onto clothing. Some patients require postoperative drains for up to 3 weeks, significantly interfering with their ability to return to work.

Do I have to have drains?

Not necessarily. There are alternatives, such as TissuGlu[®], that may allow you to have a drain-free tummy tuck experience. TissuGlu helps transform your tummy tuck into a less invasive, more comfortable experience by freeing you from the burden of drains. You'll be able to get back to being you more quickly, which means getting back into your routine (showering, driving, returning to work) sooner than if you had traditional drains.¹ Best of all, you won't have to deal with ugly, awkward drains that require special care and cleaning while you're healing from a major surgery or with the scars they leave behind.

Please see Important Safety Information on the inside back cover.

Why TissuGlu?

TissuGlu® is the first synthetic surgical adhesive of its kind, combining strength and safety to give you the advantage of a drain-free tummy tuck. TissuGlu is much stronger than other products tried in the past—10X stronger than fibrin sealants, which are used in surgery to control bleeding.¹

During the tummy tuck procedure, TissuGlu drops are applied in a precise grid pattern with a special applicator. Once applied, TissuGlu creates a strong bond to hold layers together, reducing spaces between layers where fluid may collect. Each drop of TissuGlu is strong enough to hold about 10 pounds of shear force, which is the force your body exerts when you bend or twist.¹

TissuGlu helps prevent fluid buildup by minimizing the space between tissue layers where fluid collection could lead to a “seroma.” Reducing the space helps your body resorb and process fluid naturally, without drains. In clinical studies, 93% of those who used TissuGlu had no need for drains.² About 73% of TissuGlu patients had no fluid management issues at all, with just 1.6 days of treatment required vs 7.3 days for those with drains.^{1,2}

Please see Important Safety Information on the inside back cover.

Get the TissuGlu advantage

Talk with a Drain-Free Certified specialist today about potential benefits of a tummy tuck with TissuGlu.



Return to your everyday routine more quickly



Avoid the pain and discomfort caused by drains. No drain emptying, fluid measurement, cleaning, or maintenance required—less stress and burden on you and your caregiver during recovery



Reduce anxiety about the procedure and aftercare related to the removal of drains



No worries about additional scarring caused by drain insertion and removal



Peace of mind knowing your risk of drain-related infection is eliminated

Drain-free tummy tuck recovery

You may feel so good after your tummy tuck that you want to do more than your healthcare provider has recommended, but remember you just had major surgery and your body needs time to heal. Adhere strictly to your healthcare provider's recovery instructions.

Important TissuGlu® Surgical Adhesive Safety Information

INDICATION

TissuGlu® Surgical Adhesive is indicated for the approximation of tissue layers where subcutaneous dead space exists between the tissue plane in abdominoplasty.

CONTRAINDICATIONS

Do not use in patients with known or suspected allergies to urethane-based or isocyanate-containing products.

WARNINGS

- Do not use TissuGlu® Surgical Adhesive in patients who have had prior exposure to TissuGlu®. Immunological response associated with repeat TissuGlu® exposure has not been studied.
- The effectiveness for the treatment of patients with BMI > 28 has not been established. Higher BMI patients have a propensity for fluid accumulation and may have an increased risk of seroma formation.
- Effectiveness was not observed in weight loss patients undergoing abdominoplasty. Weight loss patients have a propensity for fluid accumulation and may have an increased risk of seroma formation and aspiration.

BENEFITS

TissuGlu® may reduce the need for drains after surgery. By using TissuGlu® instead of drains, you may:

- Return to normal activities more quickly
- Experience less discomfort and pain than when drains are used
- Have fewer invasive treatments for fluid management. The results showed that 73% of TissuGlu® patients had no treatments after surgery. However, some patients did require additional invasive treatments including reinsertion of drains.

RISKS

Clinical studies were performed using TissuGlu®. There were no increased safety risks with the use of TissuGlu® than when drains were used. Potential complications associated with the use of the device and the tummy tuck procedures include seroma (fluid) formation. These complications may require treatments such as drain placement and/or fluid removal by needle, which may be performed in the operating room. Additional potential complications include wound healing issues, rash/redness, surgical site or incision infection, scarring, hematoma (bruise or swelling), incision separation, and immunological reaction.

SAFETY INFORMATION:

For full safety information please visit <http://tissuglu.com>, contact your doctor, or call Cohera Customer Support at 1-800-641-7458.

DISCLAIMER:

TissuGlu® Surgical Adhesive is currently approved for sale in the United States for the approximation of tissue layers where subcutaneous dead space exists between the tissue planes in abdominoplasty. TissuGlu® Surgical Adhesive received European CE Mark in 2011, where it is approved for large flap surgical procedures such as abdominoplasty. TissuGlu® Surgical Adhesive is not approved for sale in any other region. Any questions related to the indication for use should be directed to your Cohera Medical Account Manager or to Cohera Medical Corporate Clinical Affairs. Refer to the complete TissuGlu® Surgical Adhesive Directions for Use for prescribing and usage information.



If you decide to have a tummy tuck, you'll want to prepare ahead of time. Here are some questions to ask your doctor.

How is a tummy tuck with TissuGlu® different? Is the procedure different?

How do postsurgical drains work?

Are you Drain-Free Certified?

How soon after my surgery can I shower if I have drains instead of TissuGlu?

What are the benefits and risks of using TissuGlu?

Is TissuGlu an option for me?

What should I expect with TissuGlu?

Please see Important Safety Information on the inside back cover.

References: **1.** Data on file, Cohera Medical, Inc. **2.** Hunstad JP, Michaels J, Burns AJ, et al. A prospective, randomized, multicenter trial assessing a novel lysine-derived urethane adhesive in a large flap surgical procedure without drains. *Aesthetic Plast Surg.* 2015;39(4):616-624. **3.** Smith MM, Lin MP, Hovsepian RV, et al. Postoperative seroma formation after abdominoplasty with placement of continuous infusion local anesthetic pain pump. *Can J Plast Surg.* 2009;17(4):127-129.



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TissuGlu® Surgical Adhesive is covered by one or more of the following US Patents: 8,182,647; 8,652,293; 8,950,629. Other Patents Pending.

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