

Endotine®

Brow Lift

Fast, Adjustable Fixation

MICROAIRE®



Fast, Adjustable Fixation

Endotine® Brow Lift elevates brow lift procedures by providing surgeons with greater control of tissue fixation.¹ The implant features small bioabsorbable tines that provide several contact points to anchor soft tissue. Its versatile design can be applied in both endoscopic and open techniques and can be adjusted until optimal aesthetic outcomes are achieved.^{2,3,4,5}



The Benefits of Endotine Brow Lift:

Fast

Can be applied in less than 2 minutes per side.⁵

Adjustable

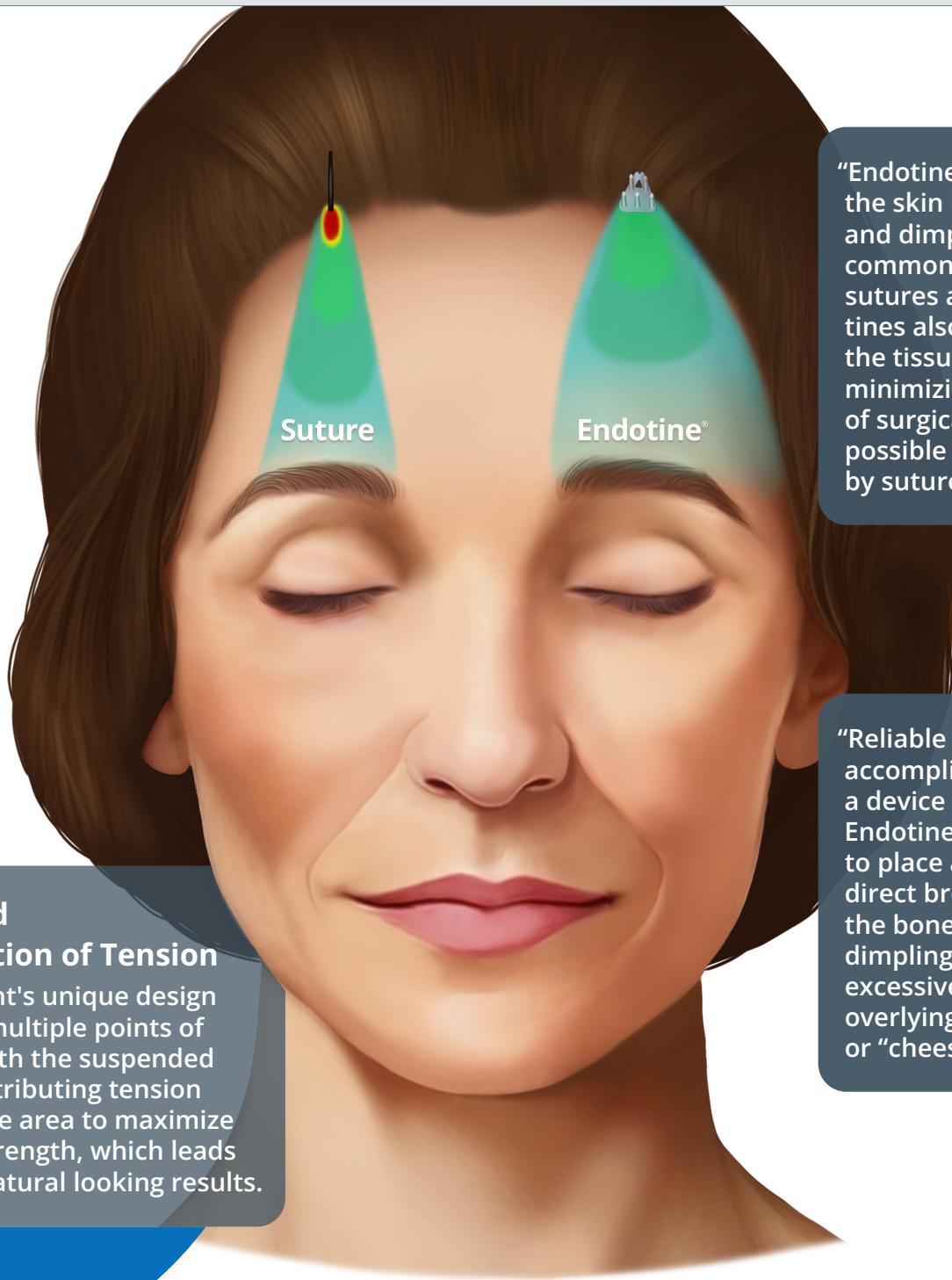
Allows for readjustment of tissue fixation and location during surgery, resulting in predictability and reduced operating time.⁴

Fixation

Over 6x the load capacity of 3-0 PDS suture.⁶

Endotine® Brow Lift: Bioabsorbable Fixation

Endotine Brow Lift is an improvement over non-dissolving sutures, which remain implanted long after they are needed.⁴ It is composed of a polylactic acid and polyglycolic acid polymer which has a proven track record of performance and reliability. Endotine Brow Lift typically takes 30-60 days to completely attach to its new position on the skin. Then, the Endotine Brow Lift implant gradually dissolves until it is completely absorbed by the body.^{4,9}



Suture

Endotine®

"Endotine can reduce the skin irregularities and dimpling that commonly occur when sutures are used. The tines also distribute the tissue forces evenly, minimizing the chance of surgical failure and possible injury caused by sutures."¹

"Reliable fixation is best accomplished with a device such as the Endotine. This is easy to place and provides direct brow fixation to the bone. There is no dimpling of the skin, excessive pull of the overlying soft tissues, or "cheese-wiring."^{1,2}

Balanced Distribution of Tension

The implant's unique design provides multiple points of contact with the suspended tissue, distributing tension over a wide area to maximize fixation strength, which leads to more natural looking results.

Fast, Adjustable Fixation

Endotine Parts and Accessories



Manual Surgical Drill

The manual surgical allows for high torque with minimal effort and fits a variety of drill bit sizes. Its design provides enhanced comfort and control for drilling.

Instrument Kit

For use with Endotine Brow Lift and Ultratine Brow Lift implants. Kit includes sterilization case, two cranial drill bits with depth stop and implant insertion tool.

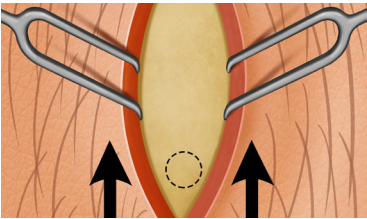


For more information on our Endotine Brow Lift training labs or to request a quote please visit microaire.com.

Endotine Brow Lift Procedure

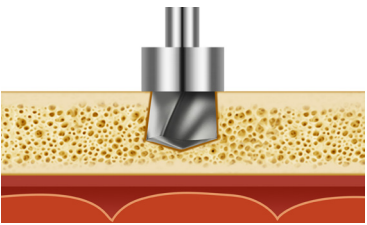
1. Make the Incision

Make a sagittal, paramedian incision in the usual fashion. Perform the dissection, making sure to achieve adequate release.



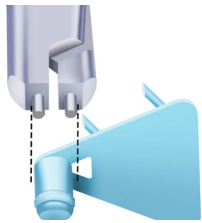
2. Determine the Drill Hole Site

Lift the brow to the desired position. Plan the cranial hole so that the implant will ultimately lie under the hair-bearing scalp.



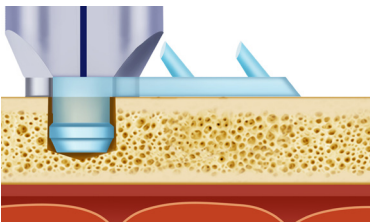
3. Drill the Hole

Use the Endotine drill bit to create a hole at the drill site. The hole should be located medial to the temporal fusion line and anterior to the coronal suture. Drill all the way to the bit sleeve. Suction the hole to remove all debris.



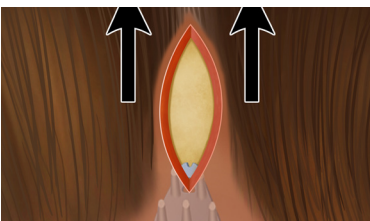
4. Grasp the Implant

Use the Endotine Insertion Tool to grasp the implant and remove it from its packaging. One needle-like tip of the tool fits into the hole in the Endotine platform and the other end grasps the implant post.



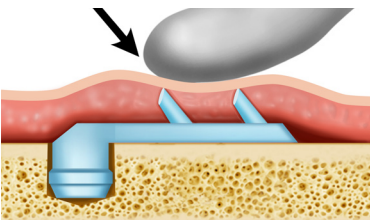
5. Place the Implant

Insert the Endotine implant into the drilled hole. Push until the platform is flush with the cranium. Release the Insertion Tool from the implant.



6. Elevate the Tissue

Elevate brow tissue to desired position. The implant may lie either anterior or lateral to the incision.



7. Secure the Tissue

Apply digital pressure to ensure penetration of the tissue by the implant tines. Close the incision. A gentle pressure dressing is recommended to prevent dislodgement.

Fast, Adjustable Fixation

An Improvement Over Sutures

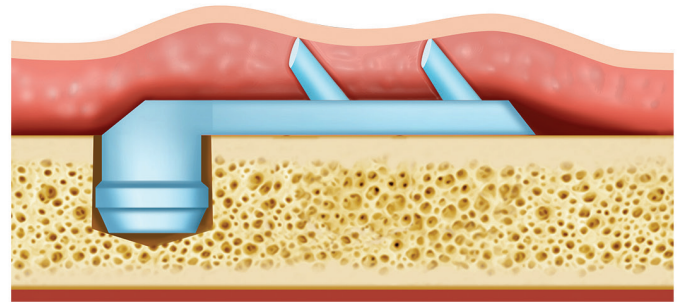
Sutures

- Cheese-Wire Effect⁸
- Not Easily Adjusted⁹
- Dimpling⁸



Endotine Brow Lift

- Sutureless Multipoint Fixation
- Adjustable
- Broader Surface Area Coverage¹⁰



Ultratine Brow Lift

Ultratine Brow Lift is composed of a similar, yet uniquely different polylactic acid and polyglycolic acid polymer blend. The material's structure rapidly softens, resulting in reduced palpability and sensitivity for the patient after 3 months, significantly improving the post-operative experience.



Endotine Brow Lift Mini

The Mini provides the predictability of Endotine Brow Lift to patients who are not currently candidates due to concerns around palpability, visibility, sensitivity, or prolonged absorption and it can be confidently placed below the hairline. With one-third the mass of an Endotine Brow Lift, the Mini will absorb more quickly to an impalpable size, greatly enhancing the patient's post-operative experience.

Endotine Brow Lift and Ultratine Brow Lift come in both 3.0 mm and 3.5 mm tine lengths to match specific patient needs such as issues of palpability and sensitivity.

References

To order, call toll free **800.722.0822**

| REF | Product Name | Description | Qty. |
|--------------|----------------------------------|---|--------|
| CFD-22202 | Endotine Forehead 3.0 | Bioabsorbable brow fixation implants, 3.0mm tine height. | 2-Pack |
| CFD-22102 | Endotine Forehead 3.5 | Bioabsorbable brow fixation implants, 3.5mm tine height. | 2-Pack |
| CFD-23202 | Ultratine Forehead 3.0 | Bioabsorbable brow fixation implants, 3.0mm tine height. | 2-Pack |
| CFD-23102 | Ultratine Forehead 3.5 | Bioabsorbable brow fixation implants, 3.5mm tine height. | 2-Pack |
| CFD-010-0167 | Endotine Forehead-mini-3.0 | Bioabsorbable brow fixation implant, 3.0mm tine height. Includes disposable drill bit (2.97 mm x 3mm) and insertion tool. | Single |
| CFD-010-4320 | Endotine Forehead Instrument Kit | Endotine Forehead insertion tool, drill bits (2) (3.92mm x 3.95 mm) and sterilization tray with lid. | Single |
| CFD-899-4000 | Manual Surgical Drill | Manual surgical hand drill. | Single |

Additional Endotine® Products/Indications Include:

Transbleph (Direct Browpexy) | Midface (Cheek) | Ribbon (Neck & Jowl)

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3. Corinne E. Horn, MD, MS, J. Regan Thomas, MD, Subgaleal Endoscopic Browlift with Absorbable Fixation *Otolaryngol Clin N Am* 40(2007):267-281
4. Sharmin Chowdhury, M.R.C.Ophth., Raman Malhotra, F.R.C.Ophth., Roger Smith, M.Chir., F.R.C.S., and Peter Arnstein, F.R.C.S.(Plast.) Patient and Surgeon Experience With the Endotine Forehead Device for Brow and Forehead Lift, *Ophthalmic Plastic and Reconstructive Surgery* Vol. 23, No. 5, pp 358–362
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6. United States Pharmacopeia and National Formulary (USP 29-NF 24). Rockville, MD: United States Pharmacopeial Convention; 2006 p 2775 – Single Suture Endotine Forehead provides 6X the load capacity of 3-0 PDS Suture, Endotine Forehead-mini provides over 4X the load capacity of 3-0 PDS Suture.
7. R. Langsdon, Transblepharoplasty Brow Suspension With a Biodegradable Fixation Device, *Aesthetic Surgery Journal* 30(6) 802 –809
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9. R. Laurence Berkowitz et al, Midface lift positioned for takeoff *Cosmetic Surgery Times* (1)(2005).
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Endotine® Brow Lift



Learn more about our products, including the Endotine® Brow Lifts at www.microaire.com.

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LIT-ENDOTINE-BROWLIFTS Rev A

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