

Endotine™ Forehead Lift

Endoscopic Brow Lift Procedure with the ENDOTINE™ Forehead Fixation Device

An endoscopic brow lift, also called a forehead lift, surgically corrects drooping eyebrows and softens worried or angry expressions that result from frown lines. During the procedure, commonly performed on men and women between the ages of 35 and 70, the surgeon elevates the skin and underlying tissues of the upper face, and may remove part of the muscle that causes frown lines between the brows. The result is a more youthful, relaxed, and refreshed appearance.

Am I a brow lift candidate?

If you have sagging eyebrows that create a tired or sad appearance, deep horizontal creases across your forehead, or frown lines or furrows between your eyebrows, you may be a good endoscopic brow lift candidate. To get a glimpse of the potential results, you can try a simple test on your own.

Place your fingertips at the outer edges of your eyebrows and gently raise the skin upwards. This will give you a good indication of what the procedure might do for your appearance. Of course, the best way to determine if an endoscopic brow lift is right for you is by a thorough consultation with your plastic surgeon.

How is an endoscopic brow lift performed?

The endoscopic brow lift technique uses a small, pencil-like camera device connected to a television monitor. The endoscope is inserted into several small, one-half-inch to one-inch incisions placed just behind the hairline, providing the surgeon with a clear view of the muscles and tissues beneath the skin.

The surgeon then inserts another instrument through one of the small incisions to lift the skin and remove or alter muscle, if necessary. During an endoscopic procedure, the eyebrows and forehead can be lifted and secured at the optimal height through the use of a new, sutureless mechanism called the ENDOTINE™ Forehead fixation device.

A brow lift procedure can also be performed using a traditional 'open' method, where an incision is made slightly behind or at the natural hairline, beginning above the ears and continuing toward the top of the head. The surgeon works through the incision to secure tissue and modify or remove excess skin and parts of the muscle that cause wrinkling and frown lines. The incision is closed with stitches.

Endotine Forehead Lift Because of the smaller incisions, endoscopic brow lift patients usually experience less of the itching sensation and temporary scalp numbness felt by patients who have had the open technique. In addition, endoscopic brow lift patients may feel ready to return to normal activities sooner.

In some cases, a combination of endoscopic and open techniques may be used. In either case, the procedure typically takes between one-to-two hours, and is usually performed in the surgeon's office-based facility or an outpatient surgery center under intravenous sedation or general anaesthesia.

Benefits of an Endoscopic brow lift procedure vs. the Traditional 'open' method:

- smaller incisions, less scarring.
- less scalp numbness.
- reduced areas of hair loss.
- less pain, swelling and bruising.

The ENDOTINE™ forehead solution for effective brow elevation

The ENDOTINE™ Forehead devices offer a novel and elegant solution designed specifically for elevating the forehead tissue in brow lift surgery. Its unique structure provides multiple points of contact with the elevated forehead tissue in order to create a more even and gentle distribution of holding strength. Other options such as screws and sutures typically provide only one point of contact which may tear through the soft tissues, adversely affecting brow lift reliability.

Other advantages of the ENDOTINE™ Forehead devices include:

- no metal screws protruding through the scalp that can cause wound irritation and hair loss.
- no sutures that can pinch the hair follicles, also leading to hair loss.
- no need to remove, since the ENDOTINE™ Forehead devices absorb over time.

An experienced surgeon can effectively place the ENDOTINE™ devices in less than one minute in a simple procedure.

Once the eyebrows are raised to their desired height during endoscopic brow lift surgery, the ENDOTINE™ devices are inserted under the scalp tissue, securely holding the tissue in place.

The incision is then closed, and the ENDOTINE™ is left in place, where it eventually absorbs.

After surgery, the ENDOTINE™ Forehead devices can be adjusted if necessary, allowing the surgeon to continue to shape and contour the forehead. This provides you - and the surgeon - greater aesthetic control of your brow height and shape.

Be sure to ask your surgeon about use of the ENDOTINE™ Forehead devices for your endoscopic brow lift procedure.

What results can I expect after surgery?

Immediately after surgery, you will experience some temporary swelling and bruising in your eyebrow and forehead areas, which may last for up to 10 days. The first night, it's important to rest with your head elevated. You can use a cold compress to help control swelling. You may also experience mild discomfort at the surgical site, which is typically controlled with doctor-prescribed oral medications.

Head dressings and drain tubes (if used) are removed within a few days after surgery. You can usually take a shower and wash your hair a few days later.

When healing begins, you may experience numbing and itching at the incision sites. Most patients recover from traditional brow lift surgery in about 2 weeks.

Recovery time can be even faster with endoscopic brow lift surgery. At this point, you may feel the ENDOTINE™ Forehead devices under the skin and experience some increased sensitivity in the area until the bioabsorbable material goes away.

If you're like most brow lift patients, you'll be very pleased with your refreshed and rejuvenated appearance. Although it may take several months to see the final results, you'll probably agree that your new look was worth the wait.

The length of time your brow lift lasts will vary. A number of factors, including heredity and lifestyle, all play a role in your long-term results. Although you will appear younger, remember that you are still continuing to age. In the future, you may also want to make additional surgical improvements.

What are the surgical risks?

Each year, thousands of men and women undergo endoscopic brow lift procedures and experience no complications. Although problems are rare and usually minor, it's best to discuss possible complications with your surgeon. And, remember that you can help minimise risks by following the advice and instructions you receive from your health care professional, both before and after surgery.

Although the ENDOTINE™ Forehead fixation device is designed for endoscopic appearance. brow lift surgery, it's important to understand there are potential risks inherent in this and other medical implants.

For example, you may experience discomfort, infection, and wound healing problems over the implant. In addition, you may be able to feel the device under the skin which may be sensitive to touch.

Much less likely, but possible, is that your skin or hair may become thinner over the device, and you may experience some scarring if there is a wound healing complication around the device. At some point, you may want to remove the implant requiring a minor procedure if your sensitivity to the device is great enough that you don't want to wait until the implant dissolves.

Since the ENDOTINE™ Forehead fixation device and other fixation devices used in endoscopic brow lift surgery are anchored in the bone of the skull, other risks are possible, though extremely rare.

There may be complications from making the bone hole that could lead to serious injury.

There is a possibility of bone infection, or the device may disengage from the bone leading to a compromised surgical result or feeling of a moving implant under your skin. And, although the ENDOTINE™ Forehead fixation device is absorbable, you may experience prolonged absorption time and want to remove the device, especially if you are experiencing discomfort or other problems.

Our services

From your first visit to Aesthetic Plastic Surgery's handsome Harley Street offices, you'll work directly with Consultant Plastic, Aesthetic and Reconstructive Surgeon Mr. Lucian Ion, the practice's director.

Together, you'll explore the possibilities and discuss the results you can expect.

Imaging software will be used to show you how you might look after your procedure and every aspect of your treatment, from evaluation through surgery to post surgical care, will be carefully explained.

Mr Lucian ION, FRCS

An experienced aesthetic surgeon, Mr. Ion trained in both Europe and the UK. He received his medical degree from the University of Bucharest and started his general and plastic surgical training in Paris where he studied in several prestigious hospitals.

He continued his training in Britain and passed the examinations to become a Fellow of the Royal College of Surgeons. His advanced training in plastic, reconstructive and aesthetic surgery was completed in central London plastic surgery units covering all the aspects of the specialty. This training included a fellowship in aesthetic surgery at The Wellington Hospital in London.

Once his training was complete, Mr. Ion successfully passed both the Intercollegiate Board exam in plastic surgery and the European Board exam in the specialty, and was included on the Register of Medical Specialists of the General Medical Council, under the entry, plastic surgery.

Mr. Ion is a member of the British Association of Plastic Reconstructive and Aesthetic Surgeons; the British Association of Aesthetic Plastic Surgeons, and the British Burn Association, as well as an international candidate for the American Society of Aesthetic Plastic Surgeons.

More information

Naturally, there will be many questions you will want to ask before making any decisions about undergoing surgery. Also you will wish to meet your Surgeon - having trust and confidence in one's Surgeon is very important.

Surgery is unique to every patient and a detailed discussion and assessment between you and your Consulting Surgeon is essential in enabling you to make a decision based on correct personal information and advice.

Arranging a medical consultation does not obligate you to anything other than attending the appointment.

There is no obligation to proceed with treatment. This is entirely a matter for your decision, after the surgeon has decided on the feasibility and accepted you as suitable.

If you would like to know more information we will be happy to answer any queries either by email, letter or telephone, so please do not hesitate to get in touch.