

THE POWER OF DC PLASMA



NOW AVAILABLE IN AUSTRALIA AND NEW ZEALAND, THE JETT PLASMA LIFT IS OFFERING NON-SURGICAL BLEPHAROPLASTY IN AS LITTLE AS 30 MINUTES.

THIS UNIQUE PORTABLE TOOL IS ESPECIALLY SUITED TO NON-SURGICAL BLEPHAROPLASTY OF THE UPPER AND LOWER EYELIDS.

Blepharoplasty remains one of the most popular cosmetic procedures in the world, but the development of a new non-surgical alternative is quickly gaining traction with patients and practitioners alike.

Manufactured in Europe and distributed throughout Australia by Cryomed Aesthetics, the Jett Plasma Lift is a patented medical device used in ablative and non-ablative surgery, aesthetics and dermatology. While this unique portable tool is especially suited to non-surgical blepharoplasty of the upper and lower eyelids, it can also be used to reduce the appearance of wrinkles, stop small capillary bleeding, remove small warts, treat patches of unwanted pigment and smooth out scars.

The Jett Plasma Lift uses a high frequency electric current known

as plasma exeres technology to destroy target tissue. The device produces a sequence of spark discharges that are generated by DC voltage. These discharges are formed between the tip of the device and the conductively interconnected skin of the patient with the tip hovering up to four millimetres over the skin. This distance means the target area is visible to the practitioner throughout the treatment.

Because DC voltage is used instead of AC, the surrounding healthy tissue is not damaged. Maximal voltage is 7,000V, maximal power 1.8W and maximal current is 1mA. Generally, the best outcome is reached with 50-60 per cent of the current.

Each device is equipped with four silver tips suitable for non-invasive procedures and lifting. With

these tips it is possible to create a lifting effect on the face, neck, belly and arms. Plasma discharge helps to open nutrition channels thus nutrient rich water is able to get through the membrane into the cell. Plasma discharge also helps to separate ions of potassium inside the cell and sodium outside the cell, which restores the original electrical potential of the cell.

The Jett Plasma Lift also comes with a special gold tip. This tip accommodates the use of greater power and facilitates a stronger plasma spark for wrinkle removal and non-surgical blepharoplasty treatments.

UNDERLYING MECHANISMS

The membrane of each cell is characterised by its potential – that is the difference of electric potential between the two sides of the membrane. The inner side of the cell membrane is negatively charged and the outer side carries a positive charge.

Ageing of the skin results in an uneven distribution of electric charge (potential) along the cell membrane thereby causing a change in the voltage of the membrane. This leads to the closing of these channels and lack of exchange of sodium and potassium ions.

The plasma discharge is used to open these channels by membrane depolarisation, thus water and ions are able to pass through the membrane of the cell. The plasma discharge also allows the separation of potassium ions within the cell and sodium outside the cell, thereby restoring the original electrical potential of the cell.

With Jett Plasma Lift the electrical potential of the cell membrane is restored, the cells are hydrated again and the skin becomes firmer.

THE PATIENT EXPERIENCE

After local anaesthetic cream is introduced to the treatment area, patients will experience some heat from the spark created, but most people tolerate it well. As a result of the electric voltage, a cascade of physiological processes occur which result in the cell membranes tightening. When the majority of cells in the treatment area tighten up, the result is visible to the naked eye.

Depending on the size of the treatment area, the procedure

MAIN INDICATIONS

- Blepharoplasty upper eyelid
- Blepharoplasty lower eyelid
- Fibroma molle
- Verrucae
- Lentigo
- Telangiectasie
- Keratosis
- Hemangioma
- Xanthelasma
- Scar correction



takes approximately 30 minutes to perform. The side effects are immediate and may include swelling, bruising and reddening of the treated area for two to three days. The healing process will include crusting (which should be left to fall away naturally) over the course of about a week.

Treatments can sometimes lead to more prolonged redness and swelling while the skin recovers, and this is more likely when the eyelids or areas close to the eye are treated. It can take up to seven to ten days to fully recover for some individuals.

Exposure to sunlight is forbidden for at least two weeks post-procedure. If it is unavoidable it is necessary for the patient to apply SPF+50 sunblock, wear sunglasses and a head cover. Makeup can be

applied as cover where needed, but should not be worn for 24 hours after the treatment. The healing process can cause some mild discomfort but over-the-counter pain relief can be taken to help.

After healing, results are instant and improve over the next two to four weeks as collagen regenerates, improving skin texture. Final results are usually seen in three months. Most people will respond effectively after one session and see an effect immediately, but for some, up to three sessions may be needed. **AMP**

For more information, call 1300 346 448 or visit www.cryomed.com.au