

ROZINA ALI

E-DERMASTAMP Micro-needling Information Sheet

Micro-needling is used as a skin rejuvenation treatment to improve lines and wrinkles on the face, neck and décolletage, to address ageing issues due to sun damage and to improve acne scarring. It can also be used to treat other scarring such as stretch marks.

Some practitioners also use it to stimulate hair growth in cases of alopecia.

It is suitable for all skin types.

What does the treatment entail?

The E-Dermastamp uses a unique spring-loaded “stamp” with changeable length needle tips. The sterile medical-grade needles are for single-use only. The micro needles enter the skin 50-150 times per second.

This action creates thousands of micro-needle columns in the skin which then close very quickly and initiate the process of skin repair of the tiny damaged areas. The insertion of the needles stimulates the cells in the skin and release of growth factors which encourage the production of new collagen and renew and repair the skin layers. The needles can also easily penetrate isolated scar tissue.

How long does it last?

Noticeable results should be seen in the first few weeks following a treatment session with a brighter complexion visible, but it can take up to six weeks before visible signs of regeneration and skin repair are seen. This process is likely to continue over the following months, alongside the completion of the prescribed treatment programme (4 or more). Top-up or maintenance sessions may then be recommended to ensure a long-lasting effect.

With scarring and stretch marks, reduction in their appearance will become more noticeable as time goes on, although more treatments (6+) are often needed for better results.

Risks and side effects

Treatment with the E-Dermastamp is generally described as pain-free and tolerable due to the speed of the needles. A topical local anaesthetic cream is used to avoid any discomfort during treatment.

Marked erythema or redness of the skin will be noticeable immediately after treatment. This will have an appearance similar to a graze and the skin will feel warm, tight and tingling. This sensation should subside after a few hours with the redness lasting 24 to 72 hours. A downtime of up to 2 weeks must be allowed for if bruising should occur.

Your practitioner will recommend and provide you with anti-inflammatory aftercare cream and advise re sunscreen products to apply following treatment and in the weeks between your planned treatment sessions.

Contraindications

As long as you are generally healthy and don't have any active skin diseases or infections (active acne, cold sores) in the area treated, there are few medical reasons why you should not undergo this treatment.

Tell your practitioner if you have a history of conditions such as cold sores.

Pregnant and breast-feeding women, although not contra-indicated for treatment, you should discuss with your practitioner.

Treatment regime

The time taken for a treatment session will depend upon the size of the area and indication being treated, e.g., face, neck and décolletage etc.; an individual session should last between 20 and 30 minutes.

The number of treatments needed will vary depending on the skin complaint being addressed, however, a treatment programme would normally consist of four individual treatments with approximately 4-6 weeks between them for skin rejuvenation. Treatment targeting acne or other types of scarring may need more sessions. The end point is of course determined by the client, you are welcome to continue treatment for as long as you detect a benefit.

E-Dermastamp micro-needling is an excellent adjunct to most surgical or non-surgical aesthetic procedures and works well as a stand-alone treatment option for improving the quality, elasticity and hydration of skin and treating scarring.

SkinGenuity regenerative solution/growth factors

For the last twenty years there have been transformational changes in medicine, mainly due to the research and understanding in stem cells. Stem cells and the signalling molecules they produce (growth factors and cytokines) are the future of aesthetics and offer tremendous potential.

We lose a significant part of the bodies ability to regenerate new cells as we age. This is a natural part of the ageing process and until now, there was little that could be done about it. The use of growth factors has been proven to be effective, but widespread use has not occurred due to limitations in technology.

Firstly, growth factors are large molecules and as they are larger than 500 Daltons, they should not be able to penetrate the skin without help. Secondly, many growth factors cause inflammation, and chronic inflammation is now thought to be a major contributor to skin ageing. Using inflammatory growth factors would only exacerbate this rather than improving it. Thirdly, growth factors do not work in isolation. No single growth factor can generate new cells, it is a complex and multifaceted process that requires the interaction of focussed and targeted growth factors. Specific conditions need specific growth factors, and it is important to understand which growth factors are needed for different aesthetic conditions. Different growth factors will be needed for skin ageing, hair restoration, vulvovaginal regeneration, etc.

The scientists at SkinGen have spent many years understanding the application of growth factor technology to aesthetic procedures and have developed a range of products that use advanced growth factor technology to help aesthetic conditions under the SkinGenuity range:

- The growth factors used in the range are all nano-encapsulated so that they penetrate the skin.
- The growth factors are human recombinant growth factors and are not from a human source, though they are the same as human growth factors. This means that they can be legitimately sold in the EU but have

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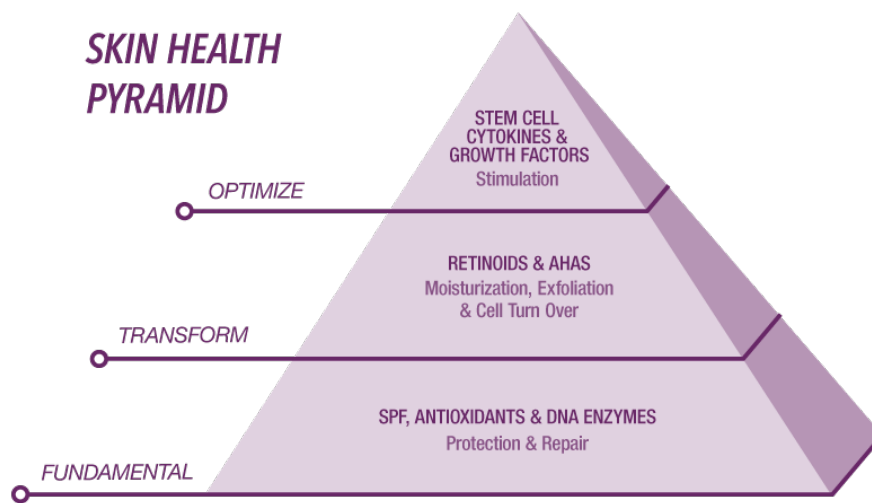
also been chosen for their anti-inflammatory effect. Thus, all growth factors used in the SkinGenuity range are anti-inflammatory.

- The SkinGenuity range all contain a unique combination of growth factors that are targeted and specific for specific conditions. The unique combination ensures that the growth factors work for the specific condition.

- **SKINGENUITY® Regenerative Solution** is used mainly as an adjunct to micro-needling. The concentrated growth factor serum is used before and after needling and can reduce the inflammation caused by needling (and hence down time) and also enhance the effect of the needling.

If you would like to maintain the results at home. Rozina offers a Skingenuity home care pack that includes;

- **SKINGENUITY® Regenerative Serum** and **Accelerator** which are designed to deal with environmental causes of skin ageing as well as to help with the bodies lack of ability to replace the constituents of the skin that make it firm, wrinkle free and youthful looking.



Treatment Record

Treatment 1: Date

Treatment 2: Date

Treatment 3: Date

Treatment 4: Date

Treatment 5: Date

Treatment 6: Date

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