

Science becomes beauty

The new revolutionary treatment for
skin regeneration: LifeTouchTherapy



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bi-one[®]
Lifetouch.Therapy

Science becomes beauty

The **Bi-one® LifeTouchTherapy** is a non-invasive device for skin regeneration and works thanks to a synergy based on electromagnetic fields combined with electro-stimulation and vacuum.

This synergy has shown that we can regenerate our skin by reorganizing its structure. The quantitative and qualitative increase of type III collagen and elastic fibers and cell mitosis are combined with a reorganization of the basement membrane and the recovery of melanocytes functionality.

The Bi-one® LifeTouchTherapy is protected by International patents.

The Bi-one® LifeTouchTherapy device provides an effective and safe treatment. Thanks to its absence of side effects and down-time, a high number of patients can undergo this treatment regardless of season and skin phototype.

ACTIVE PLUS handpiece

The handpieces equipped with Bi-one® LifeTouchTherapy are ergonomic, light and easy to use. They are realized in fireproof resin in class 0 and the surface designed to be in contact with the skin is certified non-cytotoxic ISO 10993. They combine three different forms of energy and are provided with a state-of-the-art diagnostic system.

Handpiece in high-level fireproof certified resin (Class 0).

Two-color diagnostic check-led in real time

Electromagnetic field generator shielded disk

Chamber of air for the production of calibrated vacuum with varying intensity, certified ISO 10993

Group of electrodes for electrostimulation with rotation of the polarity, certified ISO 5832

Disposable cover certified non-cytotoxic ISO 10993



Technological features



Ergonomic and extremely light handpieces, able to work on body, breast and face.



Bi-one® LifeTouchTherapy adopts a dual-microprocessor technology; the first one is operator (I/O), the second is supervisor (CPU) that verifies all the functions of the device.



Advance software with exclusive BIO-FEED-BACK* system, able to set the right quantity of the energy required by the skin tissue to be treated. It automatically assesses intensity and frequency of the electromagnetic fields produced and allows to obtain the maximum potential results without risking that an excessive quantity of energy is supplied.



Biodermogenesi® operative protocols were born from the co-operation with Pisa University (School of Dermatology for stretch marks treatments) and Pavia University (Chair of Plastic Surgery for the scar treatments). The protocols of the treatments are available on-line in streaming on EDU.CARE platform.



Real time diagnostic system with access to the memory of the device.



Technology protected by International patents.



ITALIA DEGLI INNOVATORI
Agenzia per la Diffusione della Tecnologia per l'Innovazione
Presidenza del Consiglio dei Ministri

Biodermogenesi® patent was selected by the Presidency of the Council among 259 Italian patents for the higher technological and innovative content.

bi-one®
Lifetouch•Therapy





Elective treatment for stretch marks

Fields of application:

Red and white stretch marks on every skin phototype.

Treatment program:

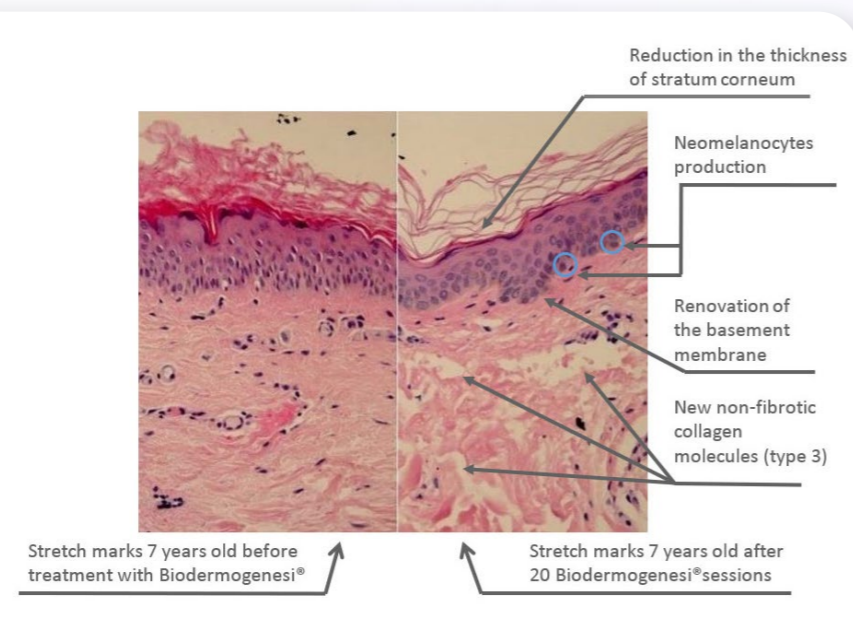
From 6 to 12 sessions once or twice a week; the number is prior defined when filling in the BODYSHAPING evaluation form.

Benefits:

- Effective on any type of stretch marks and all skin phototypes*
- Stretch marks fill with an average of 83.55%*
- Reduction of the sensation to the touch*
- Tanning of stretch marks on 100% of patients undergoing a complete cycle of sessions*
- Absolute absence of side effects and down time*
- Stable results after follow-up performed over 5 years

* Artigiani A, Cervadoro G, Loggini B, Paolicchi A. - Scuola di Specializzazione in Dermatologia - Università di Pisa. Biodermogenesi®: la soluzione non invasiva nel trattamento delle smagliature.

Bioptical analysis of stretch marks



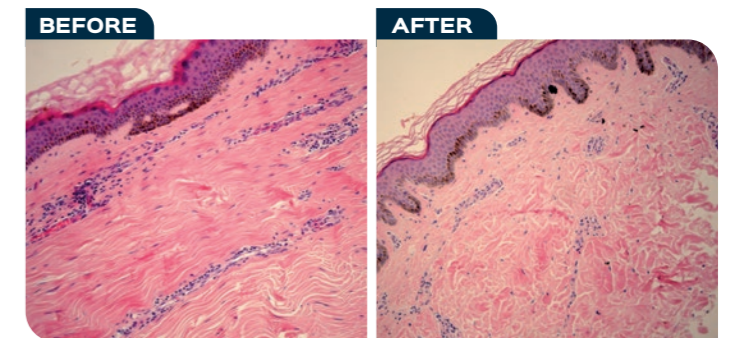
Patient with white, opaque and deep stretch marks over 7 years old. After the Biodermogenesi® treatment, it is clearly visible the improvement of the striae, filled and leveled but also perfectly tanned, consequently became very similar to the surrounding tissue.

Archive: School of Dermatology - University of Pisa



Patient with deep and opaque stretch marks that completely cover the buttocks; after a cycle of Biodermogenesi® sessions and simultaneous sun exposure, we can see the total regeneration of the striae, filled and perfectly tanned, so as to integrate with the surrounding tissue.

Archive: Dr. C. Urbani - Rome



Bi-one® LifeTouchTherapy is the only therapy able to regenerate all types of stretch marks even on phototypes IV, V and VI patients at every time of the year, as demonstrated in the case in question; even on high phototype patients the regeneration occurs in total absence of side effects and without any risk of hyperpigmentation. As shown in the images above, even on phototypes VI the stria regenerates, rises and tans with sun exposure. In addition to the aesthetic evidence of tissue regeneration, the histological findings are also provided, which furnish proof of a perfect cutaneous reorganization even on high phototypes.

Archive: School of Dermatology - University of Pisa

Bi-one® LifeTouchTherapy is effective and free of side effects even on stretch marks on phototypes IV, V and VI.



Scars: aesthetic and functional improvement

Fields of application:

Hypotrophic and hypertrophic scars, keloids and burn scars.

Treatment program:

From 6 to 12 weekly treatment sessions.

Benefici:

- Filling of hypotrophic scars*
- Retraction and flattening of hypertrophic scars*
- Retraction of keloids*
- Reductions in fibrosis induced by scars*
- Reduction of skin discoloration*

* Nicoletti G, Perugini P, Bellino S, Capra P, Malovini A, Jaber O, Tresoldi M, Faga A. – Cattedra di Chirurgia Plastica e Ricostruttiva dell'Università di Pavia. Scar Remodeling with the Association of Monopolar Capacitive Radiofrequency, Electric Stimulation, and Negative Pressure
Photomedicine and Laser Surgery Volume XX, Number XX, 2016 M. A. Liebert, Inc. Pp. 1-13

Even the scars are restructured

- In the double image scanned at T₀, the healthy tissue placed at 3 centimeters away from the scar seen on the left, while in the image on the right there is the emptying and deconstruction of the scar resulting from an appendectomy.
- At the end of the treatment, in T₁, we can appreciate the structural organization of the collagen and elastic fibers of new production that recovers both thickness and the optical properties (absorption, refraction, light reflection) of the healthy skin.

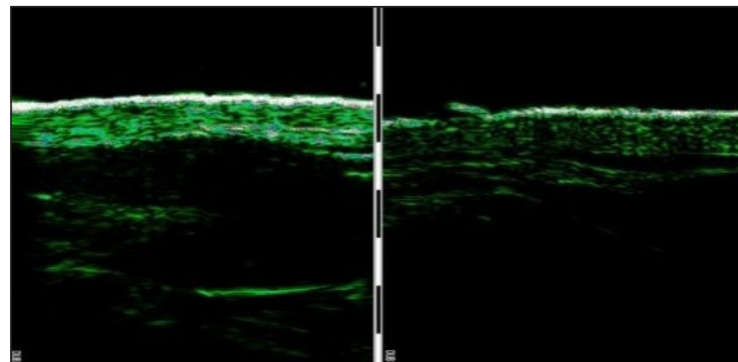


Fig.1 - SX - Echography 1 (healthy tissue T₀), DX - Echography 2 (scar T₀)

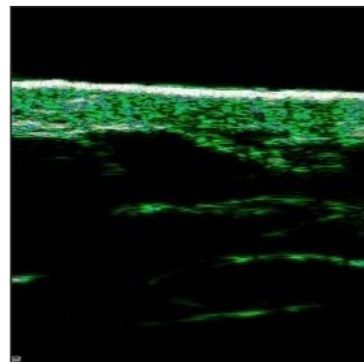


Fig.2 - Echography 3 (scar T₁)



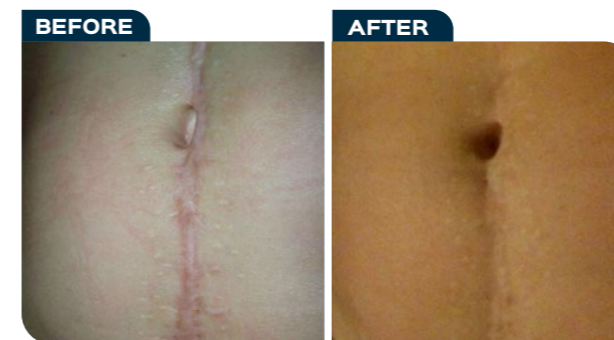
Hypotrophic scar with irregular texture, present on the joint. After having completed the treatments with Biodermogenesi[®], the scar is more elastic and it is improved also chromatically, which makes it hardly visible.

Archive: Department of Plastic Surgery - University of Pavia



Patient with burn scar extended from the mandibular profile up to the shoulder and the breast, with retraction that determines displacement of the axis of the head with consequent reduced motility and chronic headache. After a cycle of Biodermogenesi[®] sessions, we are witnessing the correct cranial axis positioning, total remission of pain and significant recovery of motility, combined with an attenuation of skin discoloration and an improved skin texture.

Archive: Department of Plastic Surgery - University of Pavia



47-year-old patient with 7-year post-surgical keloid after a course of Biodermogenesi[®] sessions in 2 months period. The keloid is completely regressed, the linea alba is visible again. It is pigmented with sun exposure, consequently gained a uniform color with the surrounding skin.

Archive: Dr. P. Castellacci - Milan



In this case an extraordinary reparative action on burn scars is clearly visible. A large burn with significant fibrosis, causing pain when straightening and rotating the arm, treated with 5 weekly sessions of DERMACARE PLUS program. The 9-year-old boy has completely recovered limb motility with pain relief. The posthumous picture was taken 4 months after the last session, during which months we witnessed a progressive regeneration of the burned tissue and a consequent improvement both on functional and aesthetic level.

Archive: Dr. S. Saracoglu - Istanbul, Turkey



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