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WHAT IS IT? _

RIGENERA is a device specially developed for the clinical application of regenerative procedures using autologous micrografts.

In the same session, the patient is a donor and receiver of micrografts, which allows the receptor area to benefit from the regenerative activity of the cellular content and the growth factors extracted from the donor area.

COMPONENTS _____

RIGENERA is a patented technology for the safe preparation of micrografts through mechanical disintegration and automatic filtering of any solid tissue.





RIGENERA MACHINE

Is a compact unit that works with the disposable Rigeneracons and operates at a constant speed of approximately 80 rpm.

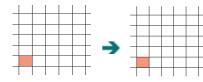
RIGENERACON

Is a disposable medical device with CE and FDA certification. It contains a stationary stainless steel grid of 2.5ml capacity and it is made up of 100 hexagonal holes. Around each hole there are 6 microblades, with a total of 600 microblades designed to efficiently cut hard and soft tissues without damaging their structure.

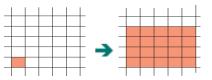
WHAT IS IT BASED ON?

It is based on the Tehory of MICROGRAFT TISSUE. By using HEALTHY HOMOLOGOUS TISSUE (AUTOLOGOUS) + RIGENERA the result is REGENERATION OF DAMAGED TISSUE.

CONVENTIONAL MICROGRAFT



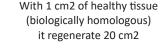
NEW THEORY OF MICROGRAF



1:20 PROPORTION

1:1 PROPORTION

With 1 cm2 of healthy tissue (biologically homologous) it regenerate 1 cm2 of damaged tissue.



IF WE USE HOMOLOGY REGENERATION

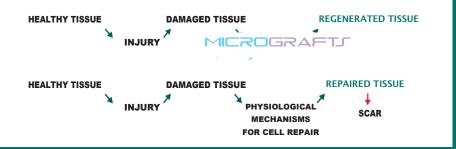
When we extract healthy connective tissue HOMOLOGOUS to the damaged tissue that we want to regenerate, we take advantage of 95% of its:



*Homologous Tissue: Connective tissue biologically equal to the one that needs to be regenerated.

THE RESULT IS 80% REGENERATION AND 20% REPAIR

REGENERATING IS DIFFERENT THAN REPARING



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Skin Rejuvenation

Micrografting helps the dermatologist, aesthetic physician or plastic surgeon to obtain better results in its multiple procedures for the treatment of elastosis, skin aging and healing, as well as a much faster recovery period for the patient.

WHAT DOES THE - MICROGRAFTING -OFFER?

- Contributes to the treatment carried out, growth factors as well as a tissue regeneration in the face of the controlled aggression of the done treatment.
- It is indicated in what degree of skin aging as an adjuvant to the treatment chosen by the specialist.
- It also promotes regeneration and controls the periods of inflammation after performing a surgical suture.

It helps all treatments to improve:



Skin texture



Reduce depth wrinkles



Decrease sunspots and aging



– PROCEDURE _____

Requirement: Once the treatment chosen for skin rejuvenation has been carried out, the micrografting procedure is implemented.

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Perform chosen procedure for skin rejuvenation	The donor sample is obtained by means of a 4 mm punch of the mastoid hairy area
De-epidermalization with laser, dermabrasion etc	With 2 punch of 4 mm is enough to treat an area of 20 cm2
3	4
Process the micrograft by RIGENERA MACHINE	Inject the solution intradermally through mesotherapy, creating papillae in the treated area.
Get 1.2 ml. of solution to inject after 2 minutes of processing the biopsied sample.	Use 1 ml syringe luer lock and 30 G needle.

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