



Plexx®

by

G M V



MADE IN ITALY





WHAT IS PLEXR[®]

PLEXR's technology has been developed by GMV and is patented internationally. The methodology/technique of use has been thought by Prof. Fippi and developed by him and other experts in several years of researches and clinical studies, in Italy and Worldwide.

When asked “what is PLEXR (PLasma EXeResis)?”, the answer is: “it’s a plasma generator”

Plexr is neither a laser, nor a radio scalpel, nor a radio frequency device.

From the physical point of view, “**Plasma**” is defined as the **fourth state of matter** (in addition to solid, gaseous and liquid), and it can be thought as a “**liquefied gas**”, according to physicists. It is actually a **ionized gas**, in which its ions are free to move, a highly volatile set of electrons and ions globally neutral.

The “ionized” term indicates that a significantly large population of electrons was torn by the respective atoms, creating an **active radius of microplasma** that, thanks to the electromagnetic potential difference between the device tip and the human tissue, “**deconstructs**” the **components of epidermis (keratinocytes), subliming them**.

Sublimation is the physical term for the direct transition from the solid to the gaseous state. At the same time there is also a bio-stimulation of the dermis, due to the selective and focused heat transfer during the impact of the microplasma beam on the affected tissue.

During treatments, a visible smoke is produced, as a result of the sublimation process. A crust on the treated part will then form, and will fall in about a week, leaving no bruising or scarring, thanks to the very superficial action of Plexr.

Now the **safety of the treatment made with Plexr is immediately clear: it works on the epidermis** (from the outside) and it doesn't pass the dermal papilla layer (unless the doctor wants it).

There is no passage of electricity and no thermal damage. For example in case of periorbital rejuvenation treatments, there is no damage of the optic nerve, nor of the adjacent areas, thanks to the precise and focused action, and the absence of leakage currents.

Plexx®

PATENTED DESIGN®

GIMV

DISPLAY TOUCH SCREEN
Showing settings
and videos.

THREE HANDPIECES

Three fragmented micro-plasmas in different powers and frequencies, for any removal and selective elastic retraction, depending on the type of tissue to be treated. High-capacity lithium-ion batteries.

NEEDLES

Only consumable of the device

WIRELESS

The handpieces work wireless and get recharged simply by placing them on the docking station

CHARGING AND CONTROL STATION

Lithium polymer battery:
high capacity, light and portable.
Effective control of the
handpieces signal.

CE 0051

INTERNATIONAL PATENT



MADE IN ITALY

Plexr

Non invasive Surgery

3 steps:

- The potential difference in the GAP between handpiece and skin.
- Ionization of the gases in the air (Plasma genesis).
- Sublimation of the treated tissues, without heat transfer to other tissues.

G|M|V



“Non Ablative Surgery” is an antithetic definition (oxymoron) given by its inventor to define in a deliberately provocative way an innovative technique that revolutionizes the therapeutic approach in many medical specializations.

Non Ablative Surgery is a medical-surgical practice, which is non-invasive, bloodless, reliable and safe, easy to perform and free of risks, both for the patient and the operator.

Thanks to this new “Non Ablative Surgery” technique, it is possible to achieve excellent results that are comparable with the ones made with traditional surgery. The difference is that with Soft Surgery it is possible to avoid anesthesia, it leaves no scars and non avoidable risks are taken.

APPLICATIONS

Dermatology - Aesthetic Medicine - Oculoplasty - Dentistry - Gynecology

Stretch Marks

Non Surgical

Eyelid Ptosis

Hyper pigmentation

Warts

Spots

Seborrheic Cysts

Keloids

Moles

Hyperkeratosis

Wrinkles

Scars

Coloured Tattoos
(any colour)

Ruby Angioma

Gingivectomy

Hemangiomas

Face, Neckline and Body Lifting

Frenulectomy

Xanthelasma

benign skin neoplasm
in oral cavity

Herpes Simplex

Vulvoplasty

Fibromas

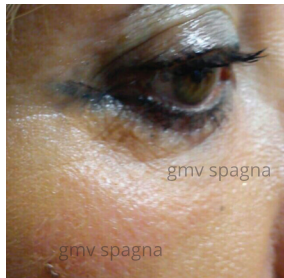
Ectropion and Entropion

Vaginal
Rejuvenation



RESULTS

PERIOCULAR REJUVENATION



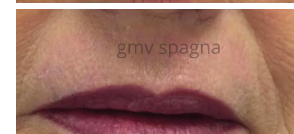
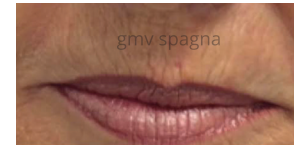
One session before and after one week

NON SURGICAL BLEPHAROPLASTY



Three sessions one month between each treatment

XANTELASMA



One session before and after one week

BARCODE



No currents
No contact with the
patient
No unwanted heat



Immediate and
longlasting results



No cutting and
stitching
Minimal post
treatment

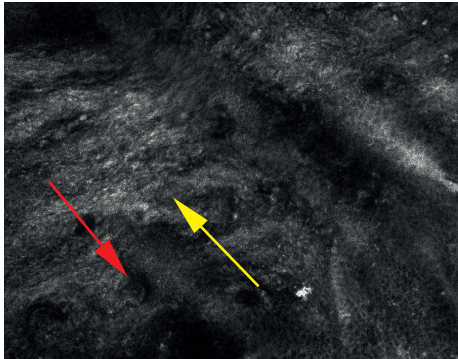
WHAT HAPPENS TO THE SKIN

CONFOCAL LASER MICROSCOPY

(RCM) - VIVASCOPE 3000 MAVIG GMBH-MUNICH GERMANY

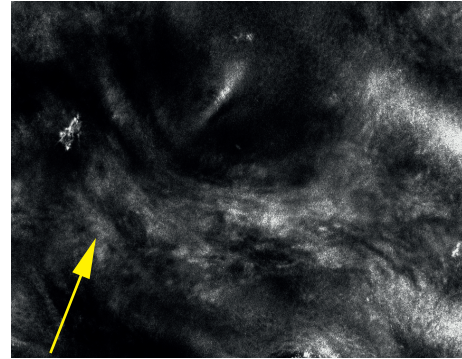
BEFORE

Eyelid tissue
(100-150 microns
deep):
average compact
collagen fibers but
hypo reflective
(yellow arrow),
which characterize a
state of laxity and
skin aging, mixed
with inflammatory
cells and blood
vessels (red arrows).

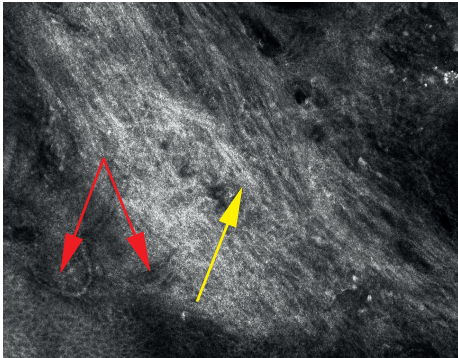


BEFORE

Eyelid tissue
(150-200 microns
deep):
Collagen fibers
typical in skin laxity.
Fragmented, hypo
reflective and
arranged in a
disordered manner
(yellow arrow),
causing a marked
ageing and skin
laxity.

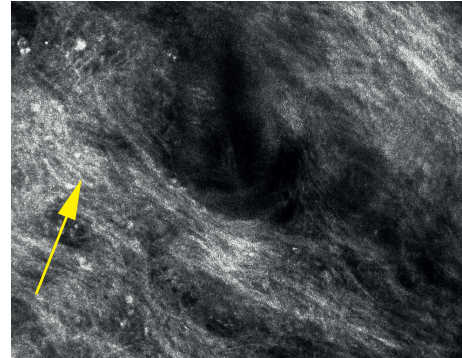


Eyelid tissue
(100-150 microns
deep):
more compact and
hyper reflective
collagen fibers,
typical of the
remodeling process
(yellow arrow) that
justifies the efficacy
of this clinical result;
increased caliber of
blood vessels (red
arrows).



AFTER

Eyelid tissue
(150- 200 microns
deep):
Completely remodelled
collagen. It appears
hyper reflective,
compact and in fiber
bundles (yellow arrow),
corresponding in a
consequent skin tone
increase.



AFTER

*Courtesy of Prof. Pellacani, Dr.ssa Rossi, Dr.ssa Farnetani
Dermatologic Clinic - University of Modena*



ADVANCED TECHNOLOGY FOR AESTHETICS

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