

Fractional Pulsed Crown RF

diatermologie®



**Reticular fractional technique
with crown TIP + cooling system.**
Great benefits for skin tightening.

diatermologie®





Imperium Matrix Cool

new **Fractionated Radiofrequency system**,
the **non invasive** alternative for skin tightening.

Imperium Matrix Cool is entirely manufactured by Brera Medical Technologies, a company recognized as leader in the field of cosmetic medicine and physiotherapy.

After three generations and 30 years of know-how, Brera still combines traditional Italian creativity and intuition with advanced technology to meet the needs of people in the field of beauty and medicine.

"We really are proud to be among the few companies to design, develop and produce entirely our devices. This includes us among the leading companies in designing OEM for other companies in the sector".

www.brerammedical.com



NON INVASIVE TREATMENTS

In Brera we believe that every customer deserves to benefit from what is best in the world: non-invasive treatments that are both pleasant and safe, as well as the achievement of results satisfactory and lasting in the quickest possible way.

A great opportunity to achieve this objective is the newest device Imperium the most advanced workstation that has given a boost to the area where the actual level of technology and knowledge (and innovation) is still low and usual.

- No Downtime.
- Immediate visible results.
- Absence of bleeding.
- Long lasting results.
- Absence of pain.

Imperium Matrix Cool is the combination of three forms of energy for outstanding results against:

- **Microroughness.**
- **Acne scars.**
- **Medium, moderate Wrinkles**
- **Stretch Marks.**
- **Enlarged pores.**

The main pillar in Brera is the research, carried out by a team in close collaboration with universities and private institutions. Development and innovation address more and more research needs to and in full compliance with the highest customer satisfaction.

diatermologie®



IMPERIUM THERAPY

IMPERIUM differs from other devices because it uses the system Triac - Turbo Flow Amplified Energy.

The Push-Pull high frequency generated by the system, promotes an intense endogenous tissue heating.

Not a classic one but an Amplified medium-frequency RF technology (AMF), in association with the exclusive geometry and composition of the actuators, which ensures, in human tissues, an High Quality Flow energy (HQF).

The treatments must be performed by qualified operators, giving the possibility to offer to the clinic the latest innovation for the skin tightening.

The Innovation

Imperium FPC (Fractional Pulsed Crown) Cool is the new fractional handpiece, with 225 micro-needles on a square area of 1.2 x 1.2 cm. The handpiece is designed to perform the treatment with **tips at controlled pressure** (through an exclusive cushioning system).

It allows to create micro holes at various depths in a uniform way, reducing pain and eliminating any chance of bleeding.

The handpiece is equipped with a **system of local cooling**, used during the treatment, that brings great benefits to the patient. The only system of its kind.



Our unique **FPC Cool** doubles the effectiveness of therapy with Fractionated Radio Frequency in less time, reducing the side effects on the surface of the skin and the downtime.

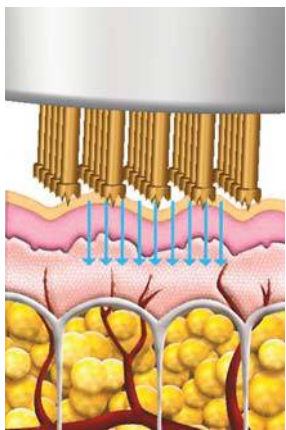
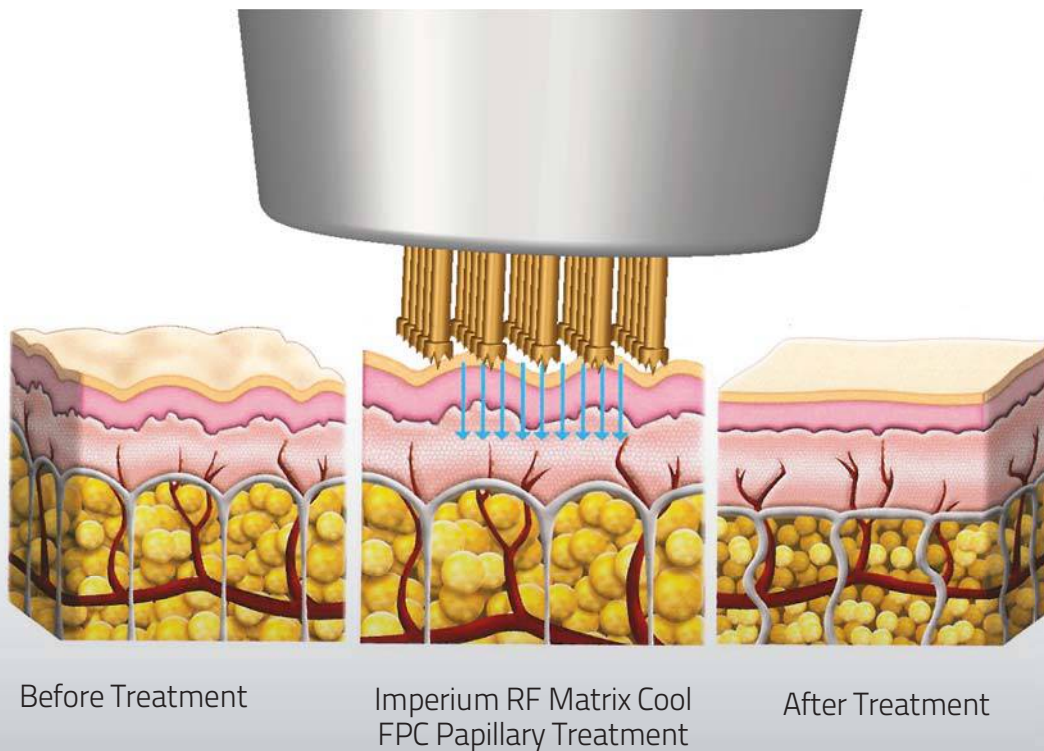


**NO Burnings, Bleeding,
Local anesthesia and Pain**



**Double energy > Double effectiveness.
No side effects on the surface, with
double of the power.
Volumizing - Natural filler Effect.
Non-Surgical Lifting Effect.
Wrinkles Reduction.**

A COMPARISON AMONG THE MOST COMMON TECHNIQUES.



Imperium Therapy

The FPC emitter of **Imperium RF Matrix Cool** is equipped with interchangeable heads with 225 micro-needles and a special cushioning to follow any profile of the face. The FPC tip triggers regenerative reactions in the supporting tissues, resulting in a

remodeling of the collagen fibers with increase in their tensile strength and stimulation of the proliferative phase.

The new cooling feature has been developed with the aim to preserve the superficial layer of the skin even with the maximum power. This process involves safely the deep layers of the dermis for better results and great benefits for the patient.

The tissues are regenerated in a completely natural manner, with an immediate return to the social life.

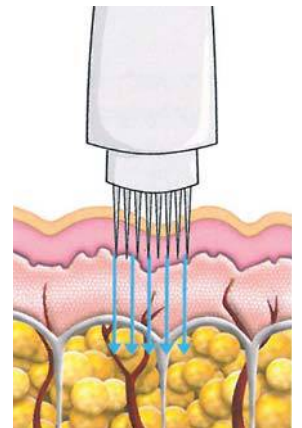
The therapy is painless and has no side effects, does not require anesthesia and recovery time.

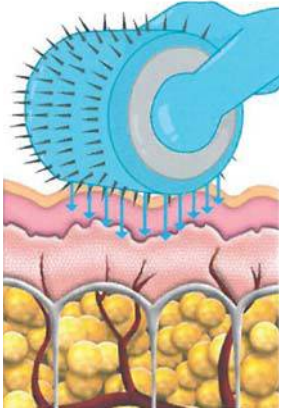
The results will be immediately visible and will be highlighted in the weeks and months that follows.

Micro-needling RF

This technique, although very common, does not allow, however, the frequency adjustment of the needles according to the resistance of the skin. It operates accordingly with irregular and unequal perforations. The result is therefore not always homogeneous.

The micro-needling is generally characterized by a head with a lower number of needles that allows it to operate over a limited area of the skin surface. Some modules, moreover, do not include a guide and the needles can undergo lateral deviations or even obliquely positioned during treatment, in this way causing skin trauma. Needles too long are used for the face causing perforations in the dermis, and the consequent effect of bleeding. Most of the techniques of micro-needling employ local anesthesia to decrease the sensation of pain, but this does not eliminate the unpleasant effect of bleeding. Not always to be used for the eye contour.





Needle Roller

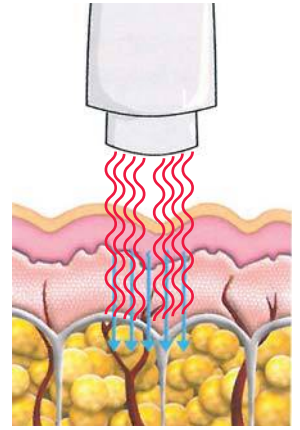
This technique involves the use of a cylinder with multiple needles that are passed manually on the skin. The needles operate small perforations on the skin, stimulating the natural mechanism of self-repair. This manual processing does

not allow to control the depth of action of the needles. A higher pressure or excessive involves deep drilling, pain and possible scarring under the skin. If the pressure is too light, it causes surface perforations that have no effect.

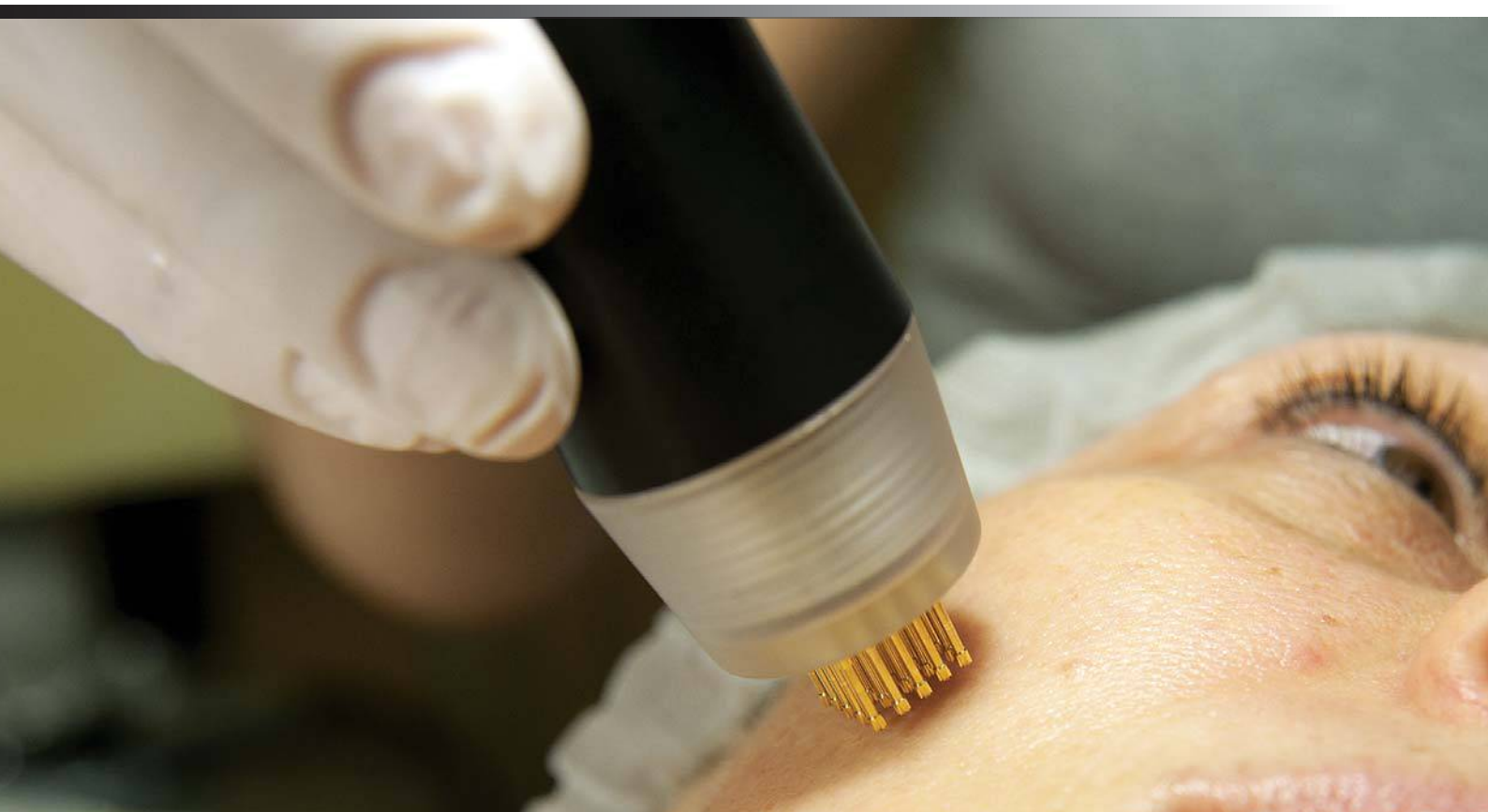
This technique does not have the combined use with RF, so it is only a mechanical type approach.

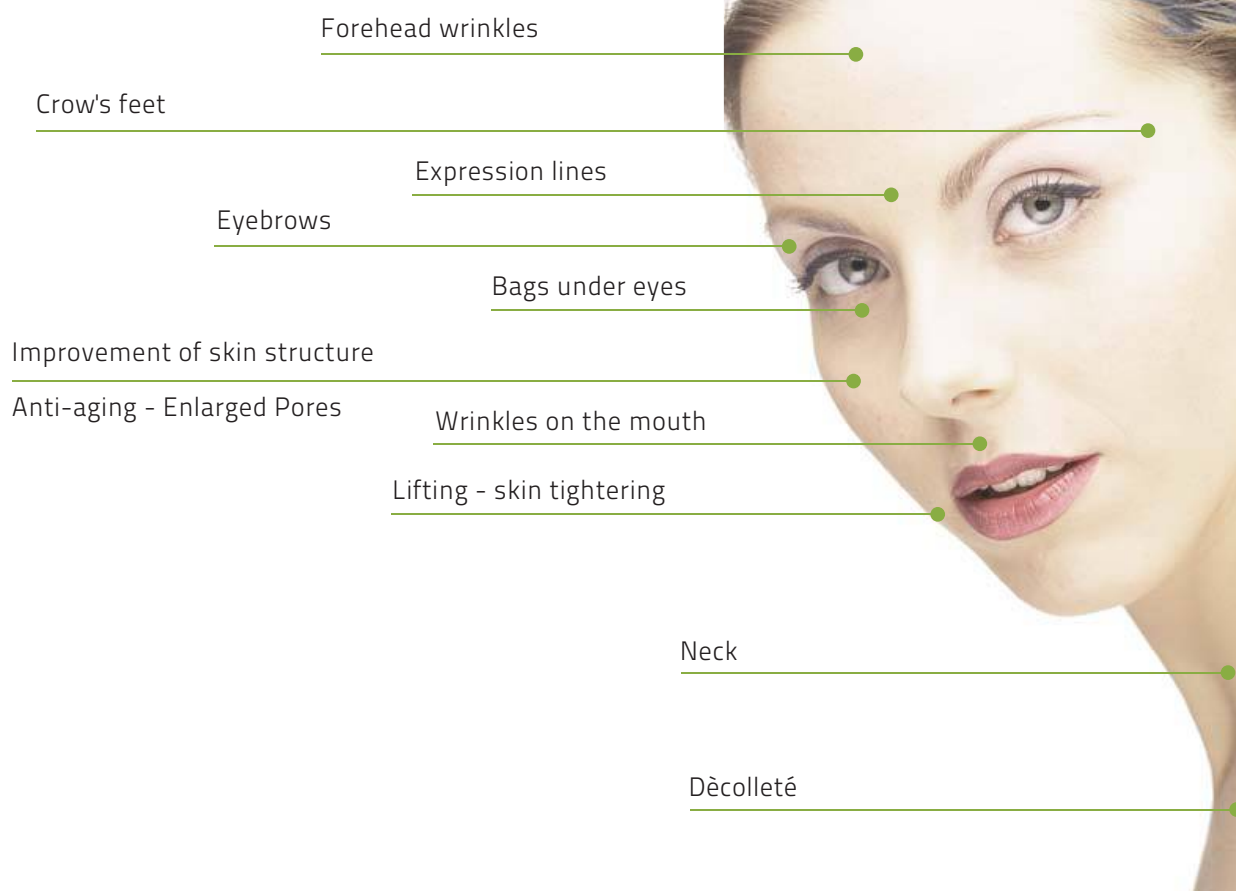
Fractionated Laser

The fractionated laser creates tiny areas, such as pixels, in the depth of the dermis, pushing out the old damaged skin. Each treatment replaces approximately 15-20% of sun-damaged skin, aging or dehydrated. This triggers a natural healing



process of the body by accelerating the production of collagen and producing new healthy cells. The results also depend on the type of skin problem. If the treatment consists of repeated courses you need to wait until the end of the cycle, even 5 months before to have satisfactory results. It is often necessary to apply local anesthesia with special creams at least 1 hour before the treatment in order to reduce the pain. Sometimes it is also necessary to apply a numbing eye drops for the insertion of a contact lens to protect your eyes. In the first 24 hours after treatment, the skin may be sore. It is not recommended when you are undergoing pharmacological treatment with photosensitive drugs, anticoagulants and during pregnancy. Not recommended for very dark skin types.





Before treatment



After treatment



Before treatment



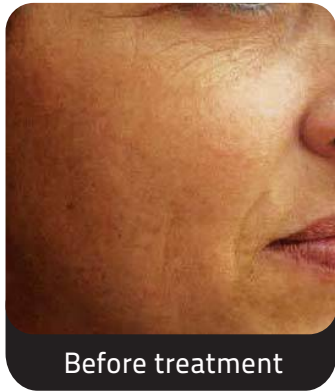
After treatment

TREATMENTS

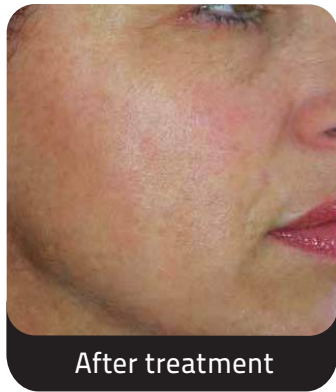
Imperium RF Matrix Cool is a new reticular fractional technique with crown tip, a bipolar configuration with three-dimensional effect.

The unique applicator, which is fitted, creates 225 micro holes in the epidermis, leading to a simultaneous denaturation of collagen in the dermis due to the emission of pulsed radiofrequency.

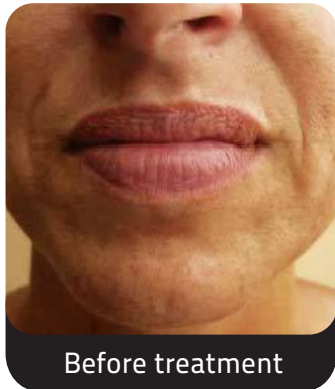
The thermal stimulation of the deep dermis, together with mechanical insult of the perforation, leads to a strong collagen remodeling and a whole series of benefits and advantages:



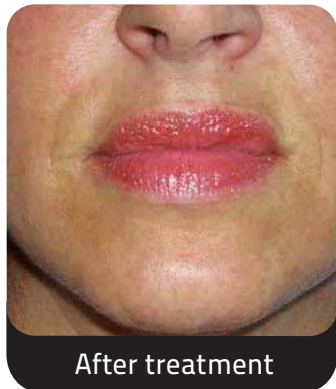
Before treatment



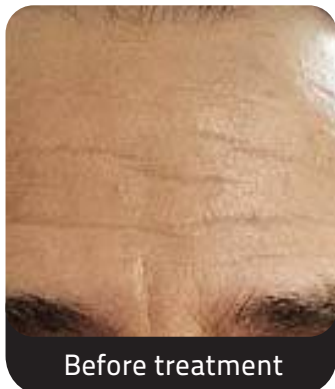
After treatment



Before treatment



After treatment



Before treatment



After treatment

BENEFITS/ADVANTAGES

- . True skin rejuvenation
- . Reduction of deep wrinkles
- . Development of new collagen
- . Firming and remodelling of the dermis
- . Painless treatment, without anesthesia
- . Quick recovery time after the session
- . Absence of an effect on melanin which makes the procedure safe in darker skin types and on lighter targets
- . Effective already since the first two sessions.
- . Few sessions (4-5) spaced by 3/4 weeks for rapid and lasting results

Evaluations conducted at 7 days after treatment show no inflammatory infiltrate or tissue necrosis.

Evaluations conducted at 4 months showed an increase in the density of collagen and a marked effect of skin tightening.

Thanks to the principle of cooling the process involves the deep layers of the dermis, without affecting the superficial ones.

The tissues are regenerated in a completely natural and painless way, with an immediate return to social life.

- COSTS + EARNINGS

With Imperium, you can offer to your patients an exclusive service for the improvement and rejuvenation of the dermis. The Imperium therapy responds to the many expectations of your customers.

The number of treatments can vary, according to the specific conditions. A typical cycle requires 4-5 treatments in total: 3 treatments spaced over 2 weeks of one another, followed by another 1-2 treatments every 3 weeks. Maintenance treatment can be scheduled approximately every 3 months, depending on the needs and the individual response.

Thanks to the incredible results since the first sessions, you can easily offer your product in your study with low running costs and short duration of the sessions, returning quickly in the investment.





newFeatures



IMPERIUM RF MATRIX COOL SPECIFICATIONS

Imperium RF Matrix Cool is produced in accordance with European standards ISO9001 - EN 13485. **Medical Device CE 0434.**

Supply	110- 220 V~ (± 10%) - 50/60 Hz
Consumption	300 VA
Safety Class	Class I type BF, according the following standards: MDD 93/42/CEE e succ. mod (Device class IIa) CEI EN 60601-1:2007 CEI EN 60601-2-5:2001
Dimensions	42x52x105h cm
Weight	25kg
Fuses	2 x T3.15A 5x20mm
Display	Touch screen - Colour TFT 5,7"
Cooling System	Motor Free - Air forced system

RADIOFREQUENCY

RF mode	Bipolar
Frequency	0,5 MHz
Maximum output power	Up to 120 W
Output voltage	Up to 75 Vrms

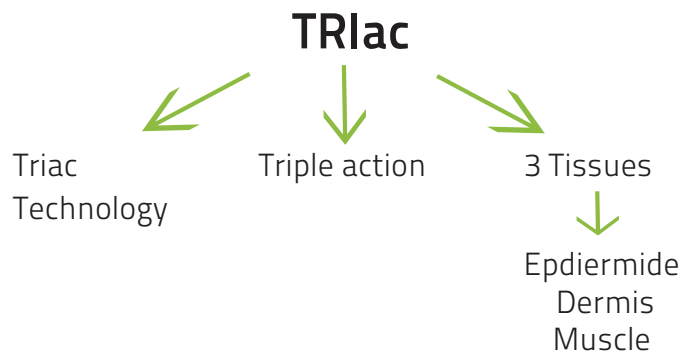
ULTRASOUND

Frequency	1MHz
Mode	Continued (CW) or Pulsed (PW)
Max output intensity	3W/cm2 in PW CW 2W/cm2
ERA (Effective Radiating Area)	5 cm2
BNR (Beam Nonuniformity Ratio)	Max 6

The BMT S.r.l. reserves the right to change or modify equipment or accessories without prior notice.

THE SMART COMBINATION OF THREE FUNCTIONS

New generation technology, unique in the world, the treatment of for skin tightening.



FPC Cool

Innovative fractionated handpiece, with 225 micro-needles on a square area of 1.2 x 1.2 cm. The handpiece is designed to perform the treatment with tips at controlled pressure (through an exclusive cushioning system). It allows to create micro holes at various depths in a uniform way, reducing pain and eliminating any chance of bleeding.



Mesowave

The emitter implements the technology of high frequency ultrasound (MHz) to allow the delivery of any active ingredient (SONOPHORESIS). The penetration of the active ingredients is supported by the creation of "micro channels" generated by the mechanical action of the FPC handpiece and for the increased skin permeability due to the ultrasonic action.



RF Endolift Cool (patented)

This unique device emits bipolar radiofrequency combined with passive contraction of the muscles of support.

This technique, defined **DIATERMOCONTRAZIONE®**, allows, in addition to the effects of the radiofrequency on the tissues (biostimulation of collagen and elastin), to improve muscle tone and to promote a marked "lifting" effect of the face.



IMPERIUM JALURONIC GEL +DNA Natural Elements

The treatment with Mesowave of **Imperium RF Matrix Cool** is performed with the use of **Imperium Jaluronic GEL + DNA**.

Its proprieties favor anti-free radicals; effects antioxidants anti-elastas, anti-aging effects and a strong relaxing and soothing effect.

Recommended for dry or aged skin; effective for skin damaged by the sun, pollution and tobacco, and for sensitive skin.

The **natural production of hyaluronic acid** decreases with age and the skin loses volume and elasticity, favoring the development of wrinkles.

The Hyaluronic acid is a substance naturally present in the skin and capable of retaining a quantity of water equal to thirty times its volume, making the skin resistant and compact.

In this way, fine wrinkles disappear and the skin regains health and shine.

It is suitable in the treatment of mesotherapy and RF of

Imperium Mainly used during the treatment sculpture of fine lines and signs. No need to remove the product after treatment because it is easily absorbed by the skin.

Thanks to the combined therapy with Imperium and Jaluronic GEL, the water balance of the skin is reactivated, wrinkles and creases fade and the bags under the eyes appear less visible. Hyaluronic acid is also important for many cellular processes such as defense against infection, the stimulus to the renewal and healing of wounds. Also used in the treatment of scarring and skin damage.

+ DNA

in cosmetics prevents degradation of macromolecules of the connective tissue by blocking elastase activity.

VEGETABLE DNA: anti-aging cosmetic ingredient that promotes the preservation of the elasticity of the skin.

This product, under the form of gel, is a perfect conductor for the use of RF+US energy of this equipment.



Biorève

CONCENTRÉ VITAL

DERMOCOSMETICI tested for efficacy

Our strength is to have developed a complete working method to be proposed to the study of Aesthetic Medicine to address and resolve major imperfections.

Our line of products, based on plant extraction, was developed in close collaboration with cosmetologists, biologists and physiologists with specific expertise in the natural world.

In particular, **Concentré Vital** is a system consisting of two separated shock fluids, from whose union is obtained a phytoliposomic pre-emulsion, that under the effect of elastic waves energy, is processed in a true emulsion, allowing to provide to epidermis the active principles incorporated in it and in parallel to convey valuable lipid substances (cute-homologous phospholipids with high content of unsaturated fatty acids) that can synergize the functionality of the specific treatment.

Concentré Vital Antiageing:

is a treatment based on natural high and very high concentration of active vegetable substances. The high content of polyunsaturated fatty acids and phyto plant, together with substances in the natural hydro-lipid mantle of the skin, allow to normalize those deficiencies that are the primary cause of a gradual loss of softness and hydration of the skin resulting in a loss of tone.

Concentré Vital Akned Plus:

is a treatment with concentrated active ingredients of plant origin for oily skin with a tendency to impurities and processes with acne. These active substances allow us to obtain optimal aesthetic results, in perfect harmony with the physiological mechanisms of the skin. Details phytocomplexes have been shown to rebalance sebum secretion, while other aromatic type have proven effective in protecting the skin from septic processes, due to the impurities.

Concentré Vital Clearing:

is a lightening treatment based on a special combination of natural products and harmless to the skin. These principles have been shown to be able to intervene effectively in reducing skin spots (melasma and solar lentigo).

Concentré Hydra Plus:

is an intensive treatment, based on concentrated active ingredients, with strong moisturizing and repairing functionality.

To restore cosmetically skin hydration has taken place on several levels: Restoring the skin of those substances whose decline has triggered the "defiance" in physiological biochemical mechanisms responsible to maintain it in good working order cosmetic.

Act on several levels skin with substances that make deep hydration, and make a surface hydration always with hyaluronic acid, water and liposome propanediol, which acts by lowering the surface tension of water and encouraging the diffusion and the wetting of the stratum corneum.

Concentré Vital Lifting:

is an intensive treatment, based on concentrated active ingredients, capable of restoring its natural constituents in the skin tissues. The basis of this treatment is the Eleutherococco of Siberia, a plant that has been shown to have a marked action bioattivatrice skin and to be able to fortify the soil epidermal, counteracting the negative effects that lead to premature aging.

All products in the line are clinically tested.

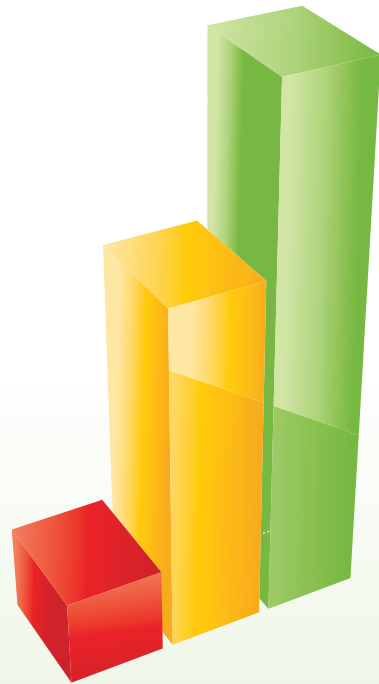


IMPERIUM RF MATRIX COOL

The new **fractional radiofrequency**

WHY TO CHOOSE IMPERIUM RF MATRIX COOL:

- Easy to use
- Low cost of ownership and rapid return on investment
- Complementary use of botulinum toxin
Cosmetic and dermal fillers
- Fit into an interesting growing market
- Contact a target 20-75 years
- Unique and innovative treatments for your customers
- Incredible results and satisfied customers
- Training / Manuals
- Tools and products that are safe and certified
- Proven reliability of the Italian **Brera Medical Technologies company**, acting since 1979.



CONTACT US NOW

+390974 19.36.516

info@breramedical.com

WE THOUGHT OF THE
FUTURE OF YOUR CENTER

brera[®]
medical technologies

COMPANY WITH CERTIFIED QUALITY MANAGEMENT SYSTEM
UNI CEI EN ISO 13485:2012 - UNI EN ISO 9001:2008
Patented n. 0000275485

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MADE IN ITALY

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