



come on in,
we have a secret
we want to share
with you.



THE NEW FRACTIONAL RADIOFREQUENCY

Imperium **Matrix**

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

Imperium Matrix 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 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.

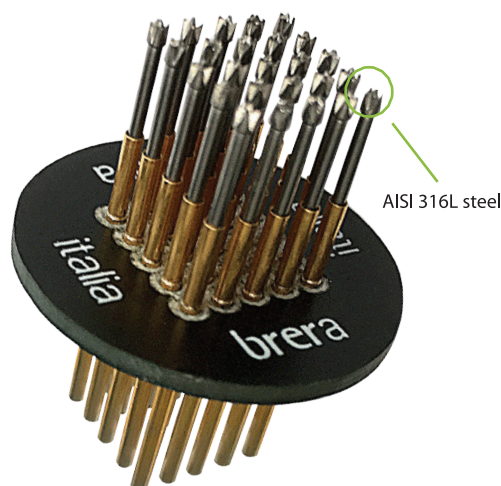
Not a classic one but an Amplified medium-frequency RF technology (AMF), in association with the exclusive geometry and composition of the actuators, which ensures, in human tissues, an High Quality Flow energy (HQF).

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)

Is the new fractional handpiece, with 125 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 FPC Papillary handpiece acts simultaneously on the epidermis and dermis without side effects and without long recovery times after treatment.



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



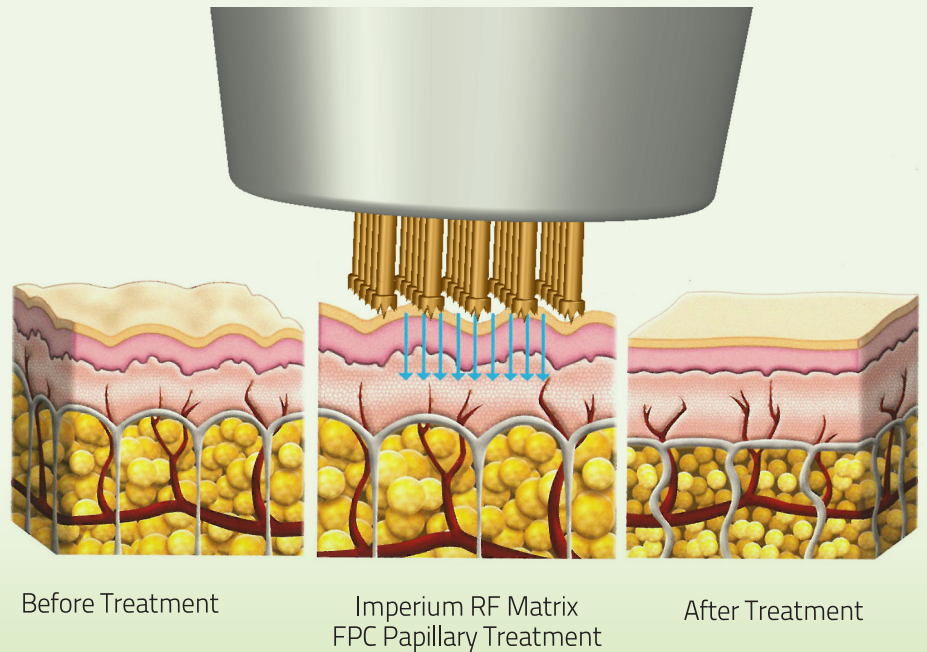
**Volumizing - Natural filler Effect
Non-Surgical Lifting Effect
Wrinkles Reduction**

A COMPARISON AMONG THE MOST COMMON TECHNIQUES

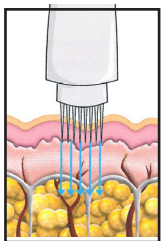
Imperium Therapy

The **FPC** emitter of **Imperium RF Matrix** is equipped with interchangeable heads with **125 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 process involves the deep layers of the dermis, preserving the superficial ones. The tissues are regenerated in a completely natural manner, with an immediate return to the social life.

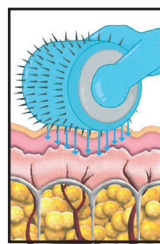


The therapy is painless and has no side effects, does not require anesthesia and recovery time. The results will be immediately visible and will be highlighted in the weeks and months that follows.



Micro-needling RF

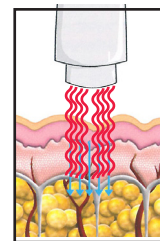
This technique, although very common, does not allow, however, the frequency adjustment of the needles according to the resistance of the skin. It operates accordingly with irregular and unequal perforations. The result is therefore not always homogeneous. The micro-needling is generally characterized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

RF ENDOLIFT

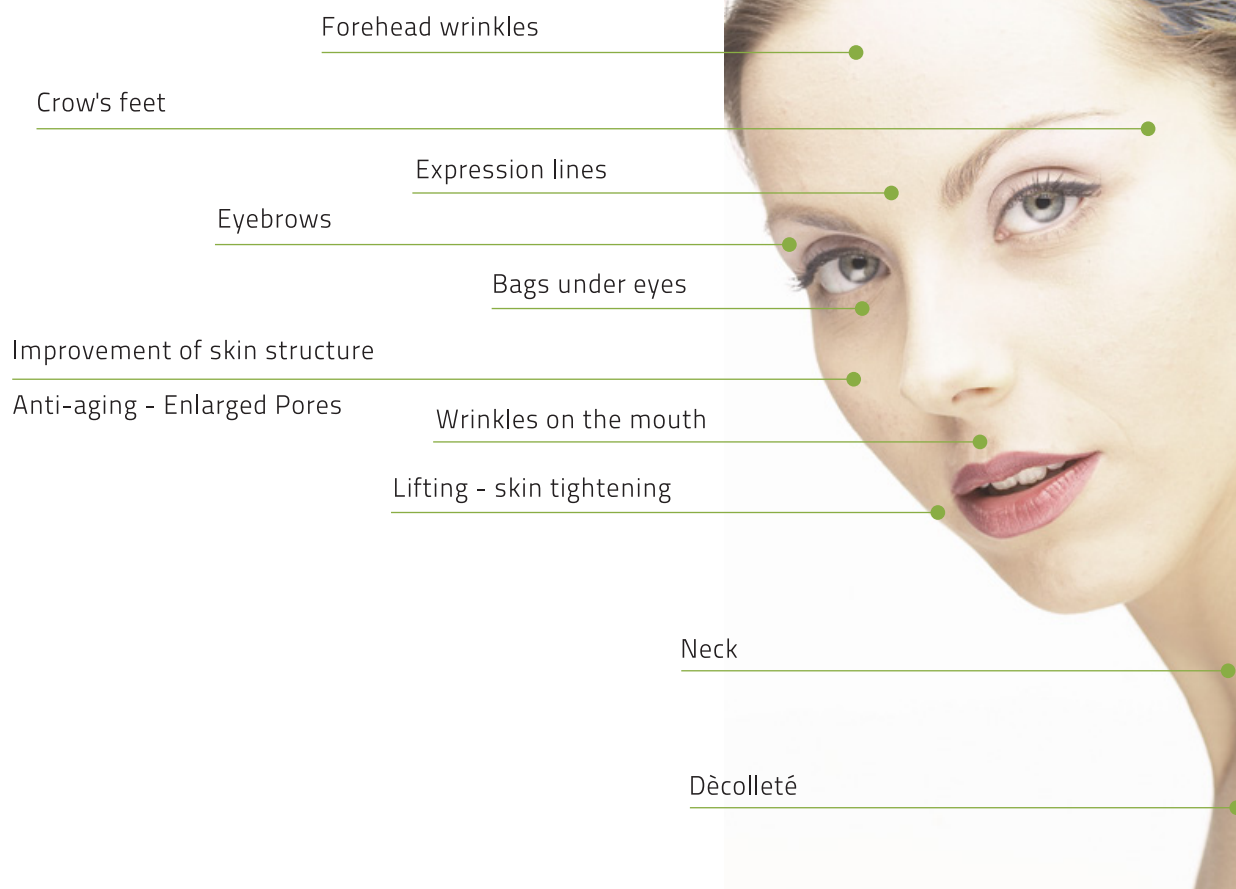
Imperium RF Matrix, in addition to being among the top instruments known, has the distinction of creating significant excitement and stimulation at cellular level in any type of biological tissue in question. This stimulation is enough to obtain an amplification of all its endogenous thermo-therapy effects (vasodilation, analgesic effect, tissue oxygenation, etc.), that on the muscle tissue is manifesting with a maximum and complete contraction either in athermal mode (without heat received) or in thermal mode (heat together with the contraction).

The electric field of diathermy, appropriately modulated with trains of pulses of specific power, has the ability - through the action of excitement and stimulation of the muscle tissue - to produce a maximal muscle contraction.

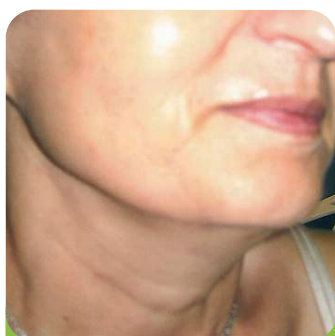
This innovation excites the muscle spindles and increases the sliding speed of action and myosin filaments; it activates and accelerates the calcium ion pump of the fiber cells and their production of ATP as a response resulting in muscle contraction. Moreover, if we consider the thermal effect of diathermy and the effectiveness of the heat, it follows easily that the muscle contraction obtained is certainly useful for an immediate recovery. This is because it is produced aerobically with fatigue reduction and the elimination of waste products such as lactic acid, with increase in tendon extensibility and elasticity of muscle tissue.

This makes **Imperium RF Matrix** a unique instrumentation, broadening its range of applications and significantly reducing regeneration time compared to the conventional equipments, facilitating by far the mode of application thanks also to a series of actuator of advanced technology.

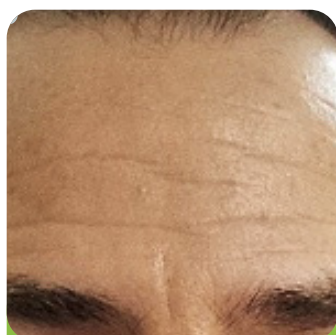




Before treatment



After treatment



Before treatment



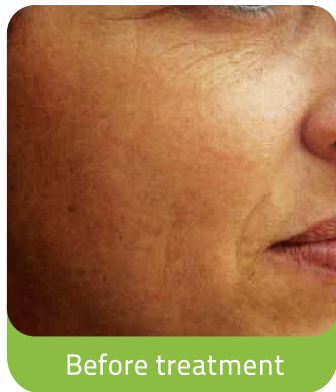
After treatment

TREATMENTS

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

The unique applicator, which is fitted, creates 125 micro holes in the epidermis, leading to a simultaneous denaturation of collagen in the dermis due to the emission of pulsed radiofrequency.

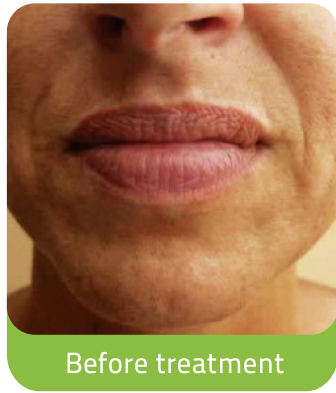
The thermal stimulation of the deep dermis, together with mechanical insult of the perforation, leads to a strong collagen remodeling and a whole series of benefits and advantages:



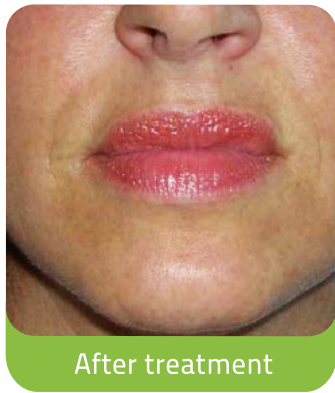
Before treatment



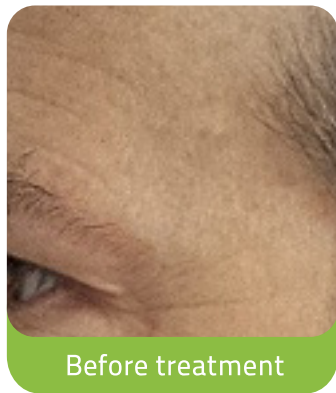
After treatment



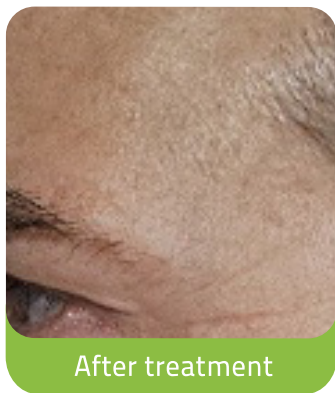
Before treatment



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 effects of skin tightening.

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.

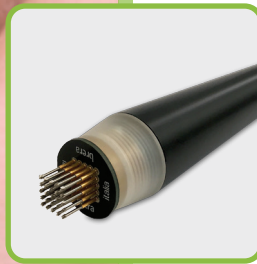
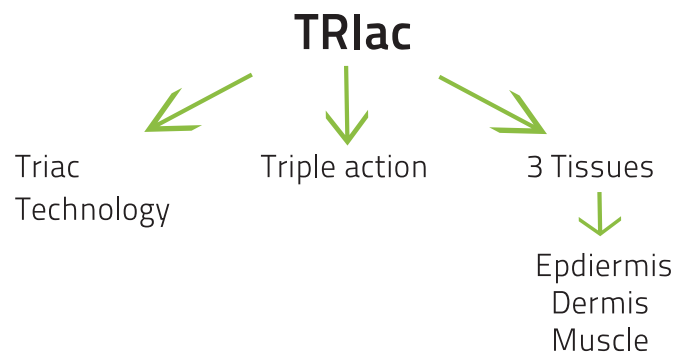
Thanks to the incredible results since the first sessions, you can easily offer your product in your study with low running costs and short duration of the sessions, returning quickly in the investment.

WHY CHOOSE IMPERIUM RF MATRIX:

- 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
- Unique and innovative treatments for your customers
- Incredible results and satisfied customers
- Training / Manuals
- Tools and products that are safe and certified

THE SMART COMBINATION OF THREE FUNCTIONS

New generation technology, unique in the world, for the treatment of Skin Tightening.



FPC (Fractional Pulsed Crown)

Innovative fractionated handpiece, with 125 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 (patented)

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

This technique, defined **DIATERMOCONTRACTION®**, 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.

SPECIFICATIONS

Supply	110- 220 V~ (± 10%) - 50/60 Hz
Consumption	300 VA
Safety Class	Class I type BF, according the following standards: CEI EN 60601-1:2007 CEI EN 60601-2-5:2001 MDD 93/42/CEE (Device class IIa)
Dimensions	45x35x15h cm.
Weight	7,5 Kg.
Fuses	2 x T3,15A 5x20mm

RADIOFREQUENCY

RF mode	Bipolar
Frequency	0,5 MHz
Maximum output power	Up to 120 W

ULTRASOUND

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

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



the carriage is for demonstration purposes only

IMPERIUM RF MATRIX

The treatments are performed with the device **Imperium RF Matrix**, an innovative platform for the use in the field of aesthetic medicine with a new incredible fractionated needle tip, an handpiece for transdermal vehiculation and a bipolar radiofrequency treatment for endogenous facelift.

Imperium RF Matrix is produced in accordance with European standards ISO9001 - EN 13485.

Medical Device CE 1370.



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WE THOUGHT OF THE
FUTURE OF YOUR CENTER

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medical technologies

COMPANY WITH CERTIFIED QUALITY MANAGEMENT SYSTEM
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Patented n. 0000275485

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