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**Rigenera<sup>3</sup>**

The efficacy of **three technologies**  
for face and body treatments



# A system of three technologies

The result of a combined action is better than a treatment carried out with each single technology as individual.

RADIOFREQUENCY

SOFTLASER + LED

VACUUM MASSAGE

- The **vacuum massage** technique improve tissue oxygenation.
  - The **radiofrequency** increases the subdermal temperature and stimulates the collagen production.
  - The combined action of **LED** and **softlaser** provides a photobiomodulation, improving the tissue microcirculation.
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Rigenera<sup>3</sup> takes advantage of 3 high-tech technologies for face & body aesthetic treatments.

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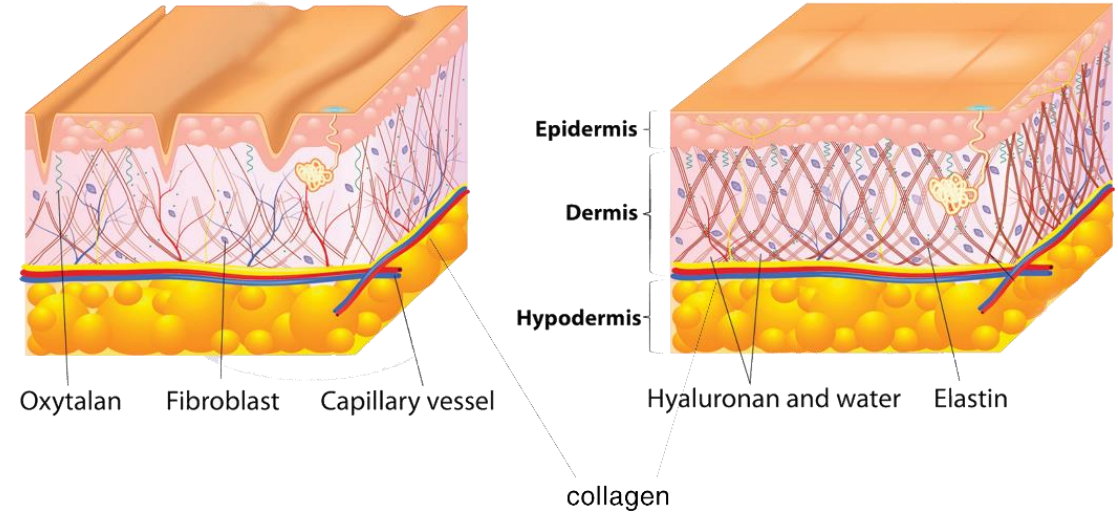
VACUUM MASSAGE



# Radiofrequency

The radiofrequency is based on the emission of high-frequency electromagnetic waves using the heat that the skin tissues produce when hit by the waves (endodiathermy).

Indeed, the diathermy influences the collagen fibers that will become shorter causing a tensor effect in a few sessions, it will induce an action in the derma and, as a consequence, the production of new collagen (neocollagenogenesis).



# Effects of radiofrequency

- Collagen and elastin production (lifting effect)
  - Decrease of the edema
  - Improvement of microcirculation
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# Softlaser

The softlaser in Rigenera 3 is an infrared laser:

- Wavelength: 905 nm
- Maximum power output (peak power): 100 W
- Average power for each diode laser: 100mW

**Face probe  
1 laser diode**

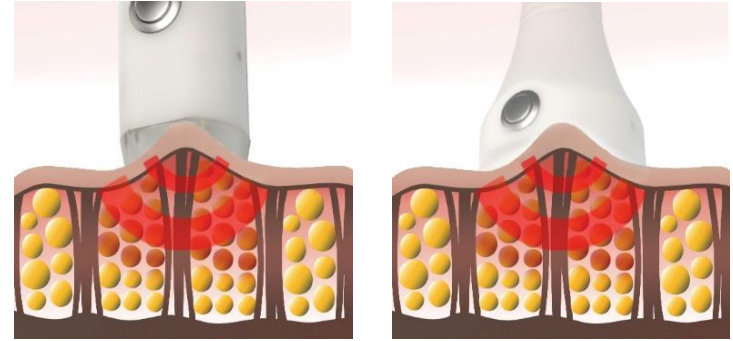


**Body probe  
2 laser diodes**



## Effects

- Biostimulant effect
- Stimulation of connective tissue
- Tissue renewal
- Proliferation of fibroblasts
- Enzyme photoactivation
- Improvement metabolic and cellular respiration processes



Long-lasting results

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# Vacuum: effective dynamic endostimulation

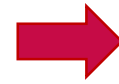
It uses a vacuuming action (principle of suction) of the interested area to facilitate **venous circulation**, to reduce skin imperfection, cellulite signs and localized fat.

The dynamic endostimulation acts on tissue through a continuous movement that can be divided into two phases:

- **Suction phase** (negative phase) causes an oxygen flow in the interstitial spaces with the increase of cellular energetic fuel (ATP).
  - **Release phase** (positive phase) oxygenation and circulatory activation as a consequence.
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## Effects

- Veno-lymfatic reactivation
- Tissue oxygenation
- Draining action
- Stimulation of collagen production
- Volumes shaping



Action on  
**dermostatis**

## Combined usage

The handpieces in Rigenera 3, specially designed to optimize the combination of three technologies, provide in a single treatment several effects to the tissue they work on.

**Radiofrequency** combined with the **vacuum massage** leads to the heating of subcutaneous tissue and causing a denaturation of the collagen fibres and a stimulation of fibroblasts activity; fibrosis ties, skin and adip layer are manipulated for an effective elimination of toxins, improving also blood perfusion and increasing venous flow.

**softlaser** provide energy to the tissue, triggering the photobiostimulation process and the enzymatic photoactivation as a result.

*With this combined usage, ties will tend, cells activate the lypolysis process with subsequent elimination of waste and decrease of volumes and circumferences.*

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# Combination of technologies

Rigenera<sup>3</sup> can be used with the following technology combinations:

<b>RADIOFREQUENCY</b>	<b>SOFTLASER + LED</b>	<b>VACUUM MASSAGE</b>
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<b>RADIOFREQUENCY</b>	<b>SOFTLASER + LED</b>	<b>VACUUM MASSAGE</b>

Or using a single one between:

<b>RADIOFREQUENCY</b>	<b>SOFTLASER + LED</b>	<b>VACUUM MASSAGE</b>
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# Application tips

## FACE

- Ageing
- Wrinkles
- Acne scars
- Edema
- Localized adiposity (under-chin)

## BODY

- Tightening
  - Cellulite (P.E.F.S.)
  - Localized adiposity
  - Body contouring
  - After liposuction
-



*Before and after*

# Before and after



*before*

*after*



*before*



*after*

# Face probe and body probe

Diameter: 3 cm

Perfect for face, neck, décolleté and ganglion areas treatments.

Face probe of Rigenera<sup>3</sup> is equipped with:

- multipolar radiofrequency
- vacuum massage
- 1 softlaser diode and 1 LED diode



Diameter: 8 cm

Specific for body treatments.

Body probe of Rigenera<sup>3</sup> is equipped with:

- multipolar radiofrequency
- vacuum massage
- 2 softlasers diodes and 2 LED diodes



# Features of the different technologies

## Vacuum massage:

- Suction until – 80KPa
- Frequency from CW till 10 Hz (PW)

## Radiofrequency:

- Power: 100W
- Frequency: 455KHz
- Working conditions: CW (continuous) and PW (pulsed)

## Photobiostimulation:

- 1 red LED (face probe)
- 2 red LED (body probe)

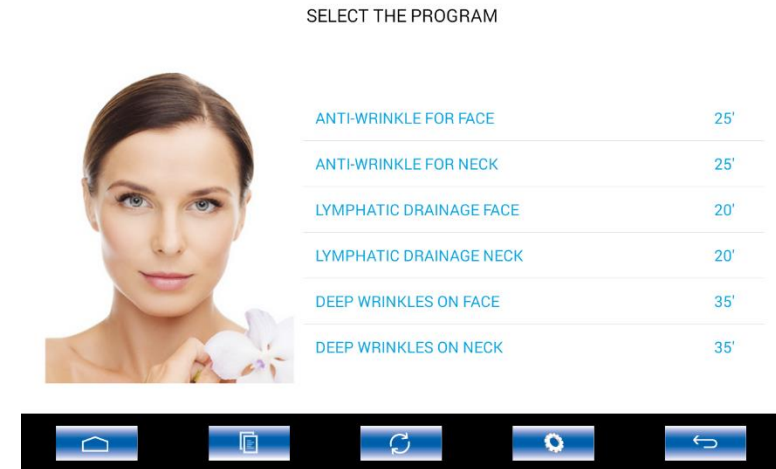
## Softlaser:

- 1 diode 905 nm (face probe) 100mW/cm<sup>2</sup>
- 2 diodes 905 nm (body probe) 100mW/cm<sup>2</sup>



# Software features

- **3D software with step by step tutorial videos**
- **Colour graphic display 10.1" touch screen**
- **Preset protocols**
- Possibility of storing protocols on the USB memory + internal memory
- Possibility of creating a list of favorites programs
- All-in-One device for face and body treatments



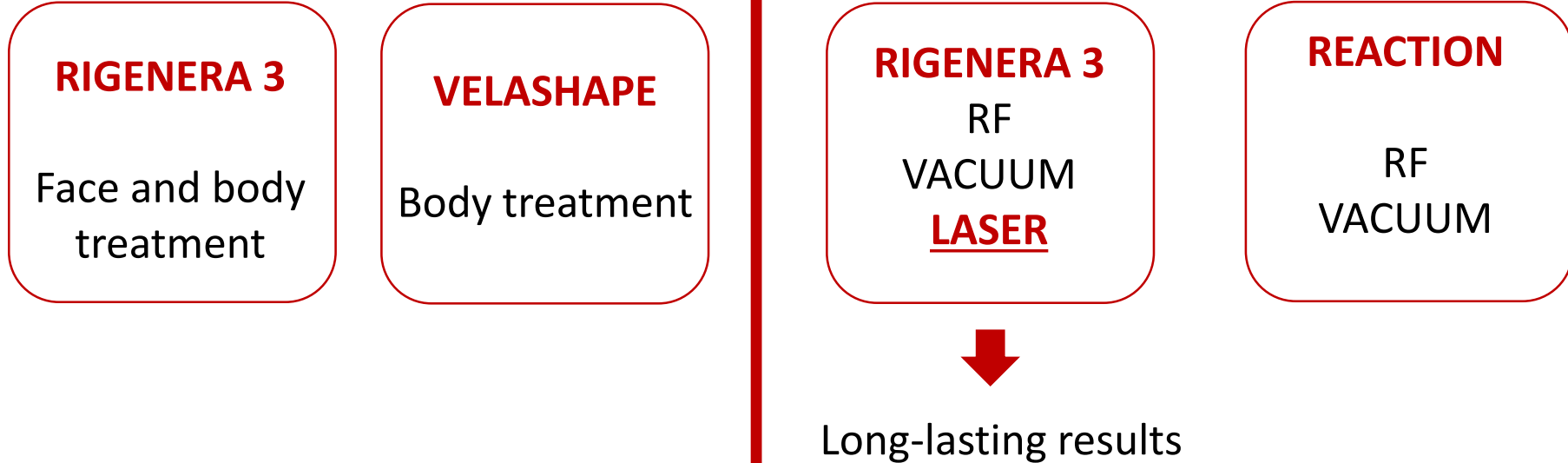
# Strenghts

- 3 technologies in 1
- A unique device to treat face and body
- Non-invasive rejuvenation alternative to HIFU, fractional RF and filler
- Long lasting results thanks to the action of the laser
- 3D software with tutorial videos
- Programmed and guided treatments for a simple use
- Possibility of working with a single or combined technology
- Possibility of storing programs for each client
- Software upgrade by USB
- 100% Made in Italy technologies



# Comparison

Rigenera 3 is an effective alternative to VelaShape and Reaction devices



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## estetica

  
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