



Dafne

**Regenerative technology
for vulvo-vaginal treatments**



Novaclinical a business unit of Novavision Group which designs and manufactures latest-generation equipment, develops cutting-edge biotechnologies in the field of aesthetic medicine, dermatology and gynaecology.

For over 25 years, Novaclinical professionals have been addressing the needs of a constantly evolving sector, allowing the company to retain a major role in the target market.

In addition, the great focus on investing in the research and development of cutting-edge technology makes the company a reliable partner, able to fully meet the requirements of professionals in the industry and end consumers.



Dafne

Complementary **technology**
complementare
to the most common treatments
vulvo- vaginal.





Dafne™

It enhances the body's **natural** response to the most common *vulvo-vaginal* problems.

A perfect synergy between photo-biostimulation (LED), electrostimulation and electro-biostimulation (micro-currents) makes Dafne™ an essential tool for the post-laser treatment of the female pelvic area.

The athermal energy of photo-biostimulation increases the cells' metabolic activity,

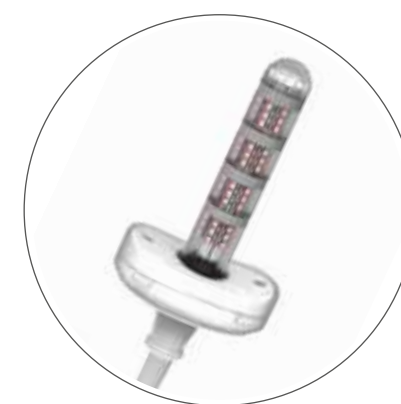
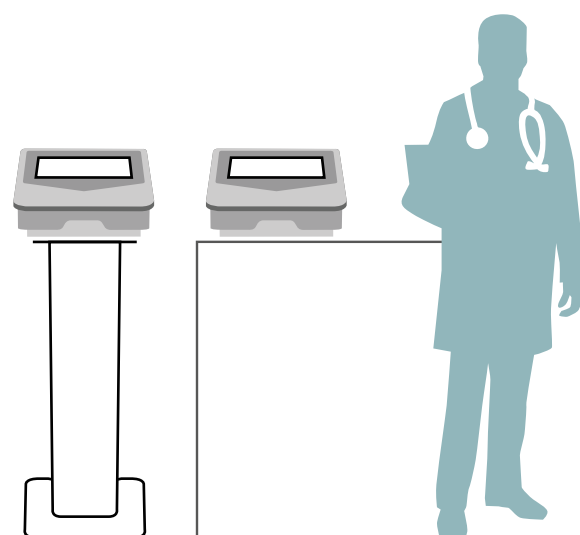
microcurrents enhance collagen production and the healing of post-laser scars, while functional electric stimulation produces reflected mechanisms for the reorganisation of neurophysiological processes.

The simultaneous presence of these three technologies in the same device makes Dafne™ a complete device, including for mono-device therapies, by acting actively against infections, and for post-partum and post-surgery rehabilitation therapies.



Dafne™ is a self-standing device of pelvic floor

Dafne™ is an all-round device whose various technologies can be easily adapted to different intimate health conditions. Designed and produced in Italian laboratories in the form of a self-standing machine, it is easily used thanks to inbuilt, intuitive software that coordinates the various emissions while respecting the treatments provided by the system. A screened cable connects the body of the machine to the handle - a vaginal probe using LED technology at three different wavelengths (red, infrared, blue) and four gold-plated rings for an all-round action.



Vaginal handle

Internal handle with two isolated stimulation channels (4 electrodes) and three specific LED-generated wavelengths.



Vaginal Tip

Single-patient tip built in a biocompatible plastic material and easy to install, it removes the risk of contamination among patients. It's characterised by four gold-plated electrodes, gold being a highly conductive, hypoallergenic material, for the emission of stimulation currents. A safety system guarantees its proper assembly.



Biofeedback Control

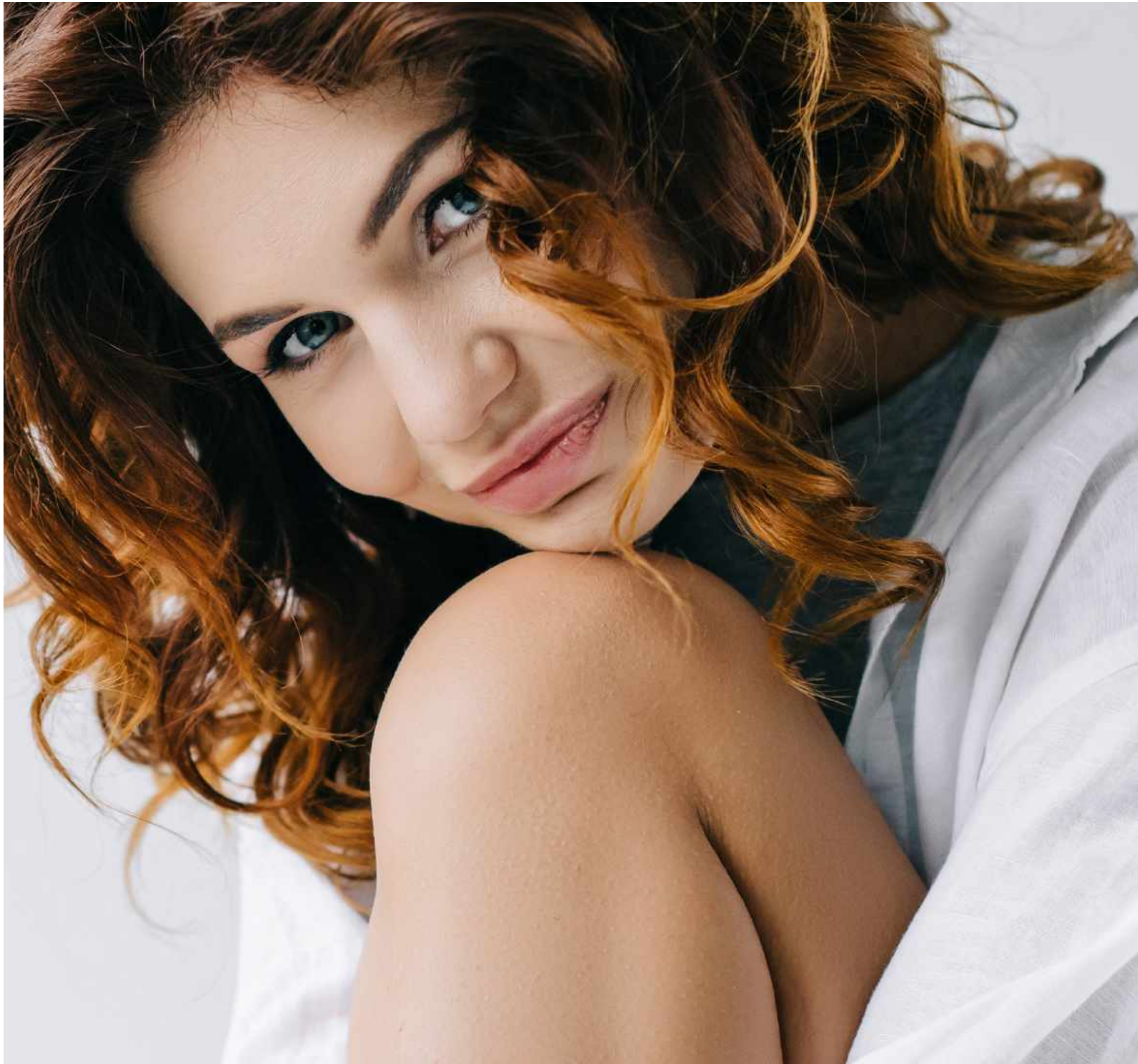
Thanks to an electronic bracelet, the user can stop the treatment, taking active part in the session.



Novavision Group safeguards itself while safeguarding you

NOVACERT is an authentication system to safeguard the Novavision Community and the Group itself.

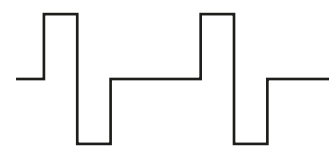
Each Dafne device and component is equipped with a system based on NFC tags which allow you to access a webpage that certifies the authenticity of the product/ component as well as its origin and maintenance status.



Nova Technology

We develop highly specialised technologies stimulating the human body's natural physiological processes for *safe, effective* safe, effective treatments.

Electrotherapy

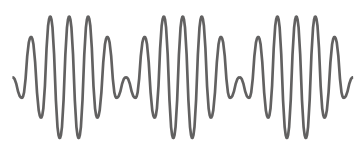


Elettrobio stimulation

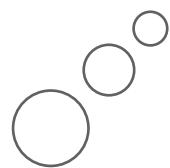


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Interferential
sine wave
electrostimulation



Photobio stimulation

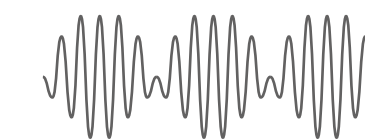
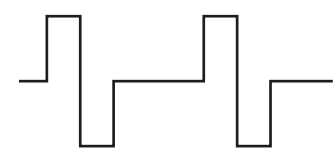


Elettroporation



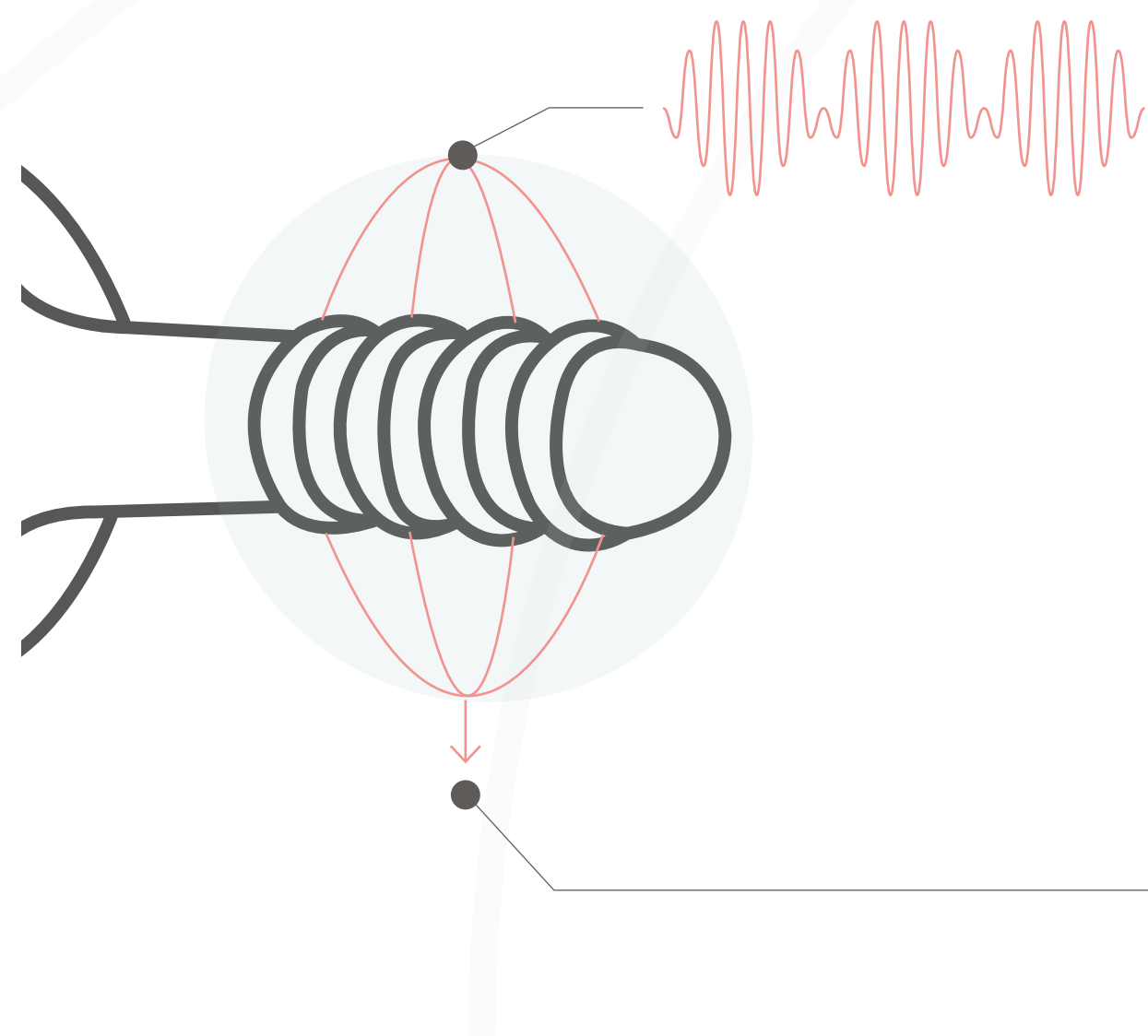
Bio-Feedback Control





Electrostimulation

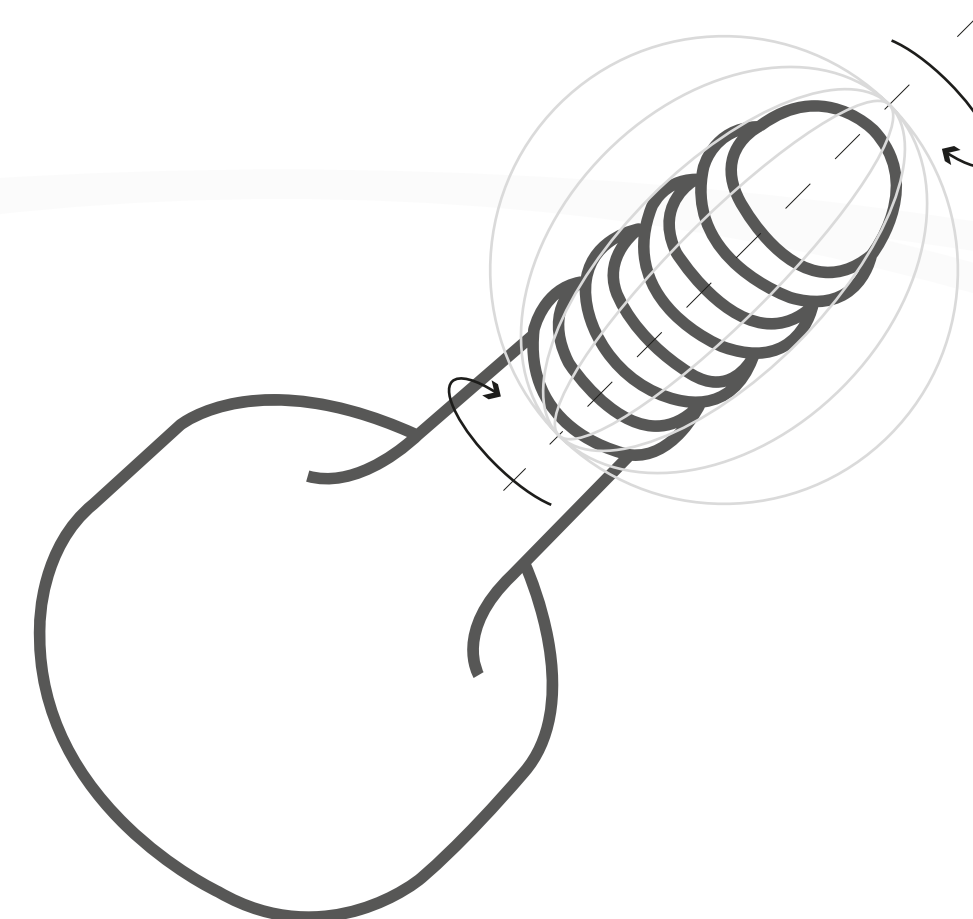
Electrical Stimulation (ES) therapy consists in the use of electric currents for therapeutic use. Depending on the programme selected, specific effects are generated on the tissues, namely on excitable structures (nerves and muscles).



Interferential sine wave electrostimulation

The body perceives a comfortable stimulation due to the interference between two medium-frequency sine wave generators which merge at muscle level and generate the contraction at the desired frequency. Electrostimulation generated in this way is able to forcibly stimulate muscles such as those of the pelvic floor, which would otherwise be difficult to be included.

It reaches the deepest tissue levels.



All-round action.

Ring-shaped electrodes allow for a comprehensive action.

Two-phase compensated stimulation

Dafne™ also acts on pelvic muscles by means of low-voltage electric impulses aiming at treating painful conditions (tens). This type of current is capable of resetting the nociceptive system responsible for the sensation of pain and of stimulating the production of neuropeptides and neuro-mediators exerting an analgesic action.

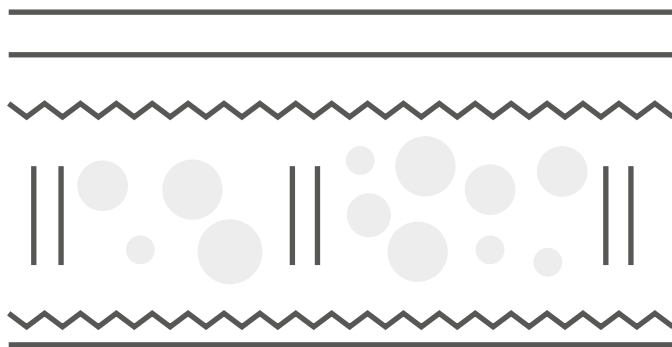




Electrobio stimulation

Dafne™ electrotherapy also uses a non-conventional technology for electric stimulation: microcurrents, or **MENS**. These are low-intensity currents in the order of micro-amperes, i.e. below the threshold perceived by the patient. The advantages of this technology include tissue generation, also thanks to the ability to stimulate the production of new collagen.

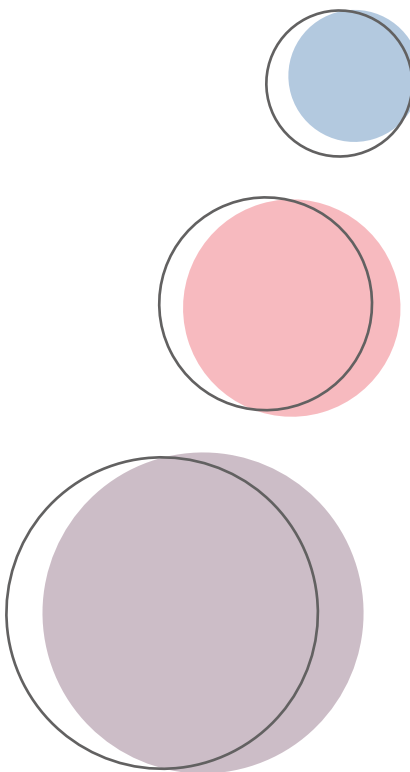
PRODUCTION OF NEW COLLAGEN



Photobiostimulation

The strength of leds regenerates cellular activity

Athermal energy from a light source activates natural biological processes. The energy of the LEDs is received by the body by means of photoreceptors that absorb its photons and give rise to an increase in the cells' metabolic activity, which starts to produce ATP. Depending on the administered wavelength, different biological effects can be obtained.



Blue Light 420 nm

The action of the blue light produces an antibacterial and anti-inflammatory action at the outermost levels.

Red Light 630 nm

The red light stimulates, heals and regenerates damaged vulvo-vaginal tissues, increases the blood flow and the foxygenation of epithelial tissues, and stimulates lubrication.

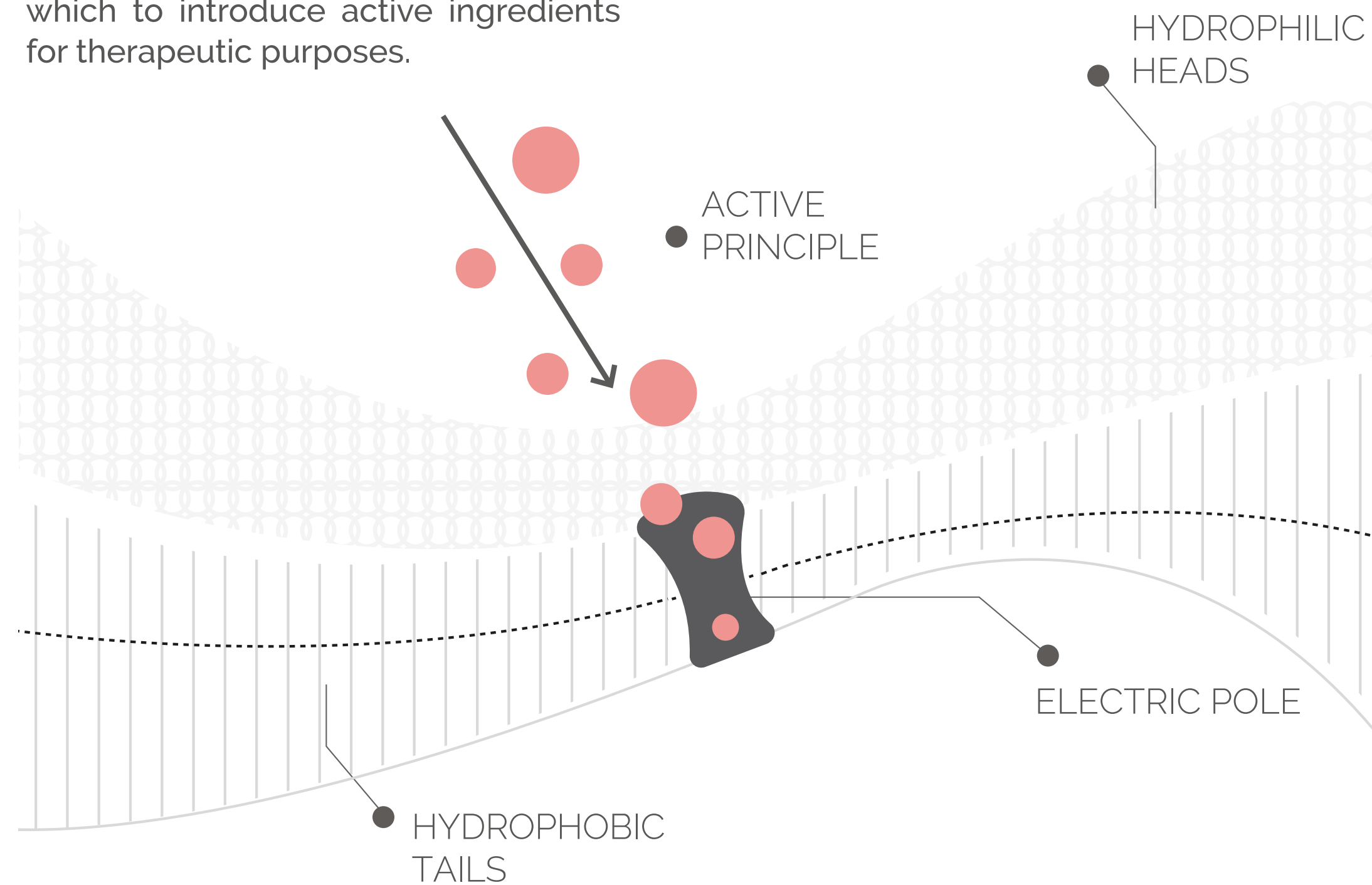
Infrared Light 870 nm

NIR (Near InfraRed) lights stimulate anti-inflammatory and tissue-regenerating actions, which are perfect for post-laser treatments and to reduce the feeling of pain.



Electroporation

Ad-hoc controlled-intensity electric impulses stimulate the opening of trans-membrane channels through which to introduce active ingredients for therapeutic purposes.



Bio-Feedback Control

The safety of treatments is a priority in all of Novaclinical products, including Dafne™, increasing the comfort levels of the treatments carried out by the operator. The patient is given a bracelet with a Bio-feedback button that enables them to have full control over the emissions of the device, thus playing an active part in the treatment.





IoMT™

Internet of Medical Things

In a rapidly changing and increasingly networked world, Novavision firmly believes in the creation and development of the IoMT concept. With a view to offering you a device that is always up-to-date, Dafne™ is set up for continuous upgrades of the Internet of Medical Things.

This new approach makes the company available anytime and

anywhere for its customers: services, remote support, training and online protocols, updates, data storage. At the same time, as a result of becoming members of the IoMT community, users can leverage the continuous support of the scientific board, and share experiences with colleagues around the world (customised protocols, special cases, medical history, follow-up data). The professional user can thus offer their patients unique advantages, such as access to procedure logs, wearable devices, advice, suggestions on treatments, and personal reminders.





Fields of application

- POST-LASER WOUNDS
- POST-SURGERY WOUNDS
- VULVO-VAGINAL INFECTIONS
- PELVIC FLOOR REHABILITATION
- VULVO-VAGINAL DISORDERS
- URINARY INCONTINENCE





Dafne

Why is Dafne™
the *right solution*
for your
patients?

Zero downtime

DQRF treatments do not involve recovery times, which means no change to one's daily habits.

“Lunchbreak” sessions with visible results

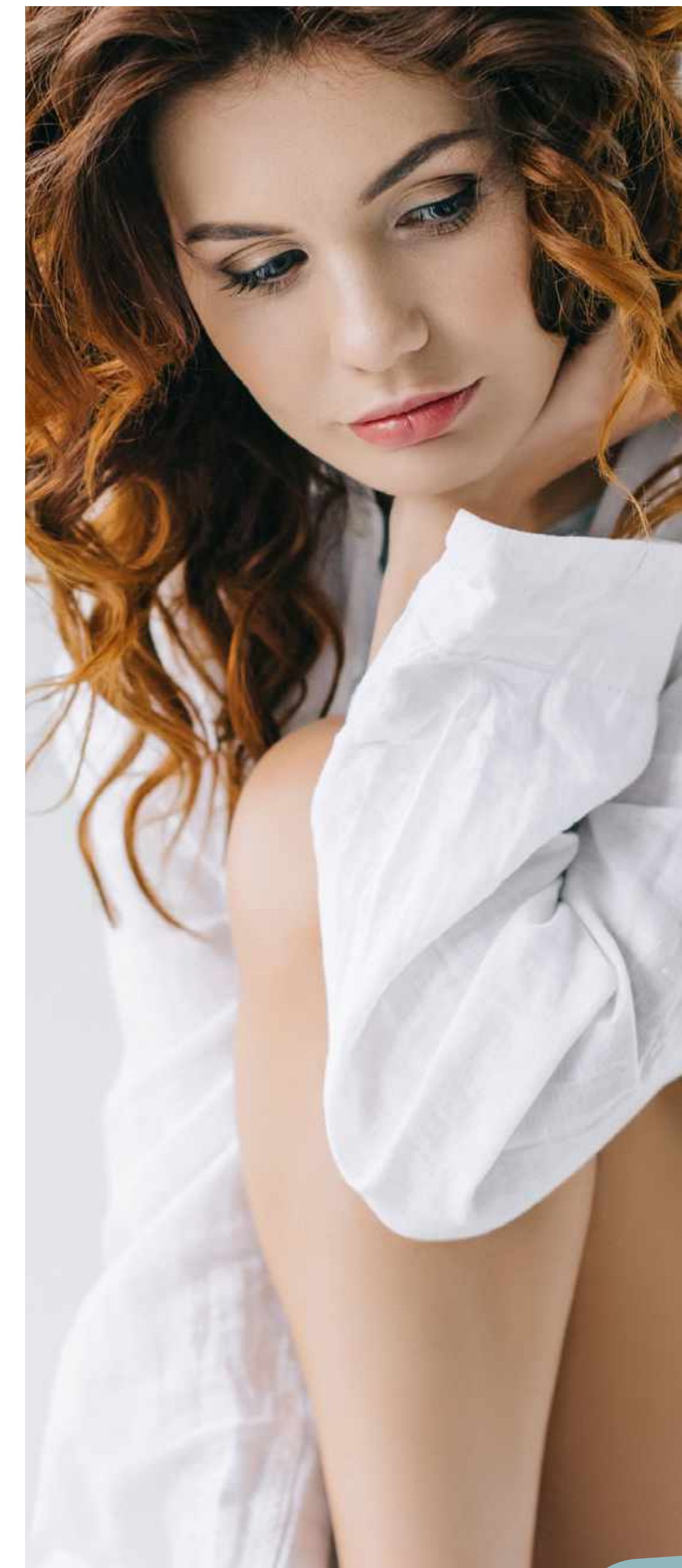
Short sessions that can be easily scheduled accommodate both the patient and the operator's needs and provide immediately perceptible results.

No pain treatments

Thanks to painless procedures and with total comfort for the patient, no anaesthesia or cooling systems are required.

Bio-Feedback Control

Thanks to an electronic bracelet, the user can stop the treatment, taking active part in the session.





Dafne

Why is **Dafne™**
the *right solution*
for your
office?

Autonomous device

Dafne™ is a self-standing device, programmed to carry out its treatments in complete autonomy: the doctor will only have to define the patient's medical history and choose the most suitable treatment among those available.

Training for device users

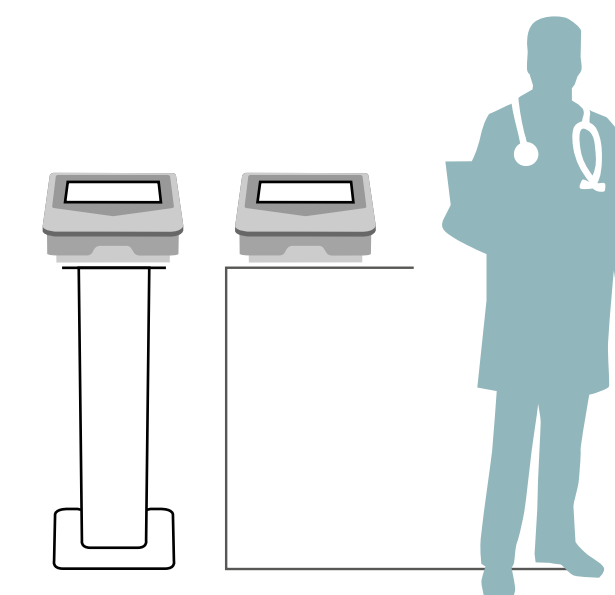
Novavision provides constantly updated training material, multimedia contents for the proper use of the machines and continuous training with experts in the sector.

Real-time assistance

Thanks to IoMT technology, each device is directly connected to the parent company, allowing the Novavision team to provide real-time remote support.

Minimum occupied space

The device has been designed to optimise the room available in your study, so it comes in two versions: on wheels and bench-type.





Novavision Academy is Novavision Group's team dedicated to training and scientific courses for the group's community.

Every year, a team of professionals defines a schedule of refresher courses on topics such as electrophysiology, applied pathophysiology, as well as specific training in the use of the device and protocol customisation. The courses will be held on our hq or through online webinars.

WHAT IS IT?

The Novavision Group offers its community the opportunity to take part in scientific courses on prominent topics in the medical field and on the use of the device.

HOW DOES IT WORK?

Every year the team defines a schedule of meetings that can be viewed on novavision.net. To learn more, just contact our offices and book a position for the chosen course.

WHAT DOES IT OFFER?

A team of experts will train you in the various topics, supporting you with multimedia material and/or real time demos, and you will receive an official Novavision certification.

Total Made in Italy

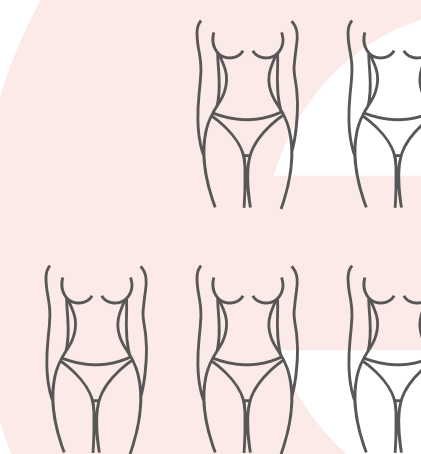
100% made in Italy means Italian design, Italian materials, Italian data sheets and the guarantee of using the highest quality products.

Everything you need – from consumables to spare parts – will be shipped directly from our laboratories, which means immediate and effective support.



Roi

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With just **20* protocols/patience.**
you can fully recoup
the investment!



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