



Novaclinical is the division of Novavision Group SpA 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.







### **e**63

VDR™ technology
Vaginal Dynamic Radiofrequency:
effective, non-ablative solution
for the most common
vulvovaginal diseases.





### The Eva device. Safe, state-of-the-art platform at the service of female intimate health.

simple device would be demeaning as we are talking about an actual platform: multiple protocols, various technologies, safety systems for an effective treatment that is safe for both patients and the very operator.

Presenting Eva™ as a What makes this device truly special is definitely dynamic quadripolar radiofrequency (DQRF™), a technology developed at Novaclinical laboratories which evolved into Vaginal Dynamic Radiofrequency (VDR™) in EVA, to offer an alternative, non-ablative treatment for most vulvovaginal disorders and diseases. Exploiting dynamic quadripolar technology means reaching even the deepest tissues, focusing energy on specific tissue layers and achieving visible results already in the medium and short term.



## Eva™, the device for female intimate *health*.

Designed and manufactured entirely in Italy, Eva™ is certainly one of Novaclinical's leading products.

Featuring minimal, elegant design, the device easily complements the premises where it is installed.

Embedding simple, intuitive software, Eva™ will physically support the operator throughout the treatment.

In line with the ongoing evolution of the IoMT™ world, it will allow you to have an always up-to-date device.

The device uses a cable, designed by the ReD team, which connects the machine body to the tips, thus allowing the operator to work in total safety.

### Vulvar Tip

Special tip with 4 emitters/ receivers to treat the outermost areas.



### Vaginal Tip

The special ergonomic tip is used to treat the innermost areas. Thanks to its four ring emitters/receivers, it ensures a painless, truly pleasant experience for the patient.

The tip can be sterilised after each treatment for a total of 200 applications. The need to replace it will be notified by a software alert. Thanks to the IoMT, Eva is directly connected to Novaclinical laboratories.



### Internal Flat Tip

A new and sterilizable flat anatomical probe, ergonomically developed to adapt itself to the innermost areas. It is specifically designed to concentrate the radiofrequency energy in the complex areas without being invasive thanks to the non protruding rings.



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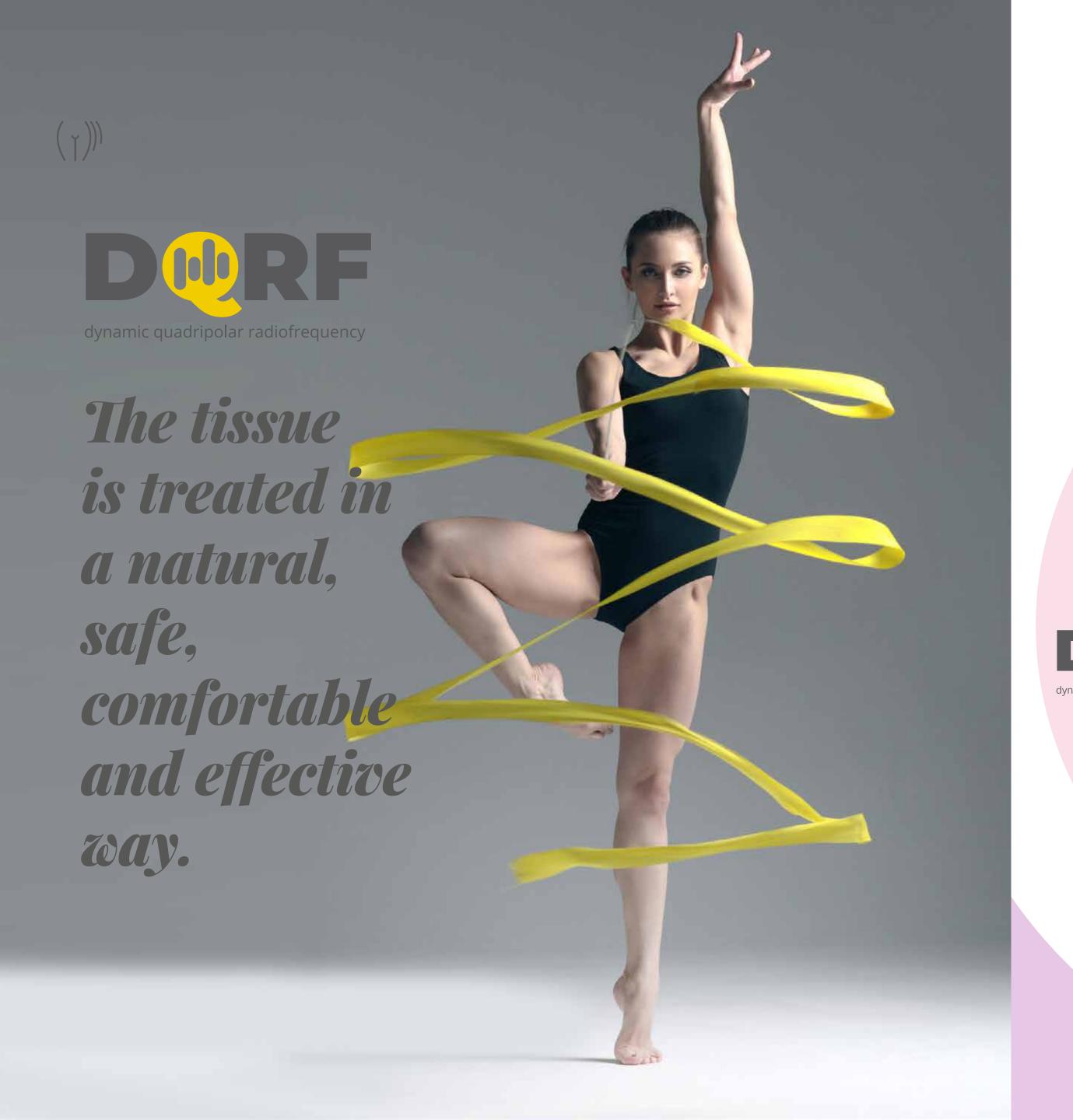


# Novavision Group safeguards itself while safeguarding you.

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

Each Eva™ device and component is equipped with a system based on NFC tags which allows 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, never invasive technologies fully respecting the human body's natural physiological processes, to obtain effective and comfortable treatments.



Vaginal Dynamic Radiofrequency



RSS™

Radiofrequency Safety System



UPR<sup>TM</sup>—

**VDR**<sup>TM</sup>

Ultrapulsed Radioporation



IoMT<sup>TM</sup>—

Internet of Medical Things





### **VDR**<sup>TM</sup>

### Vaginal Dynamic Radiofrequency

EVA™ integrates the VDR™ technology, an evolution of the Dynamic Quadripolar Radiofrequency developed at Novaclinical laboratories, for vulvovaginal treatments.

What makes this technology really revolutionary is certainly its dynamic component: the emitters turn into receivers, change their charge within specific time spots, each time modifying the magnetic field, focusing it and obtaining:

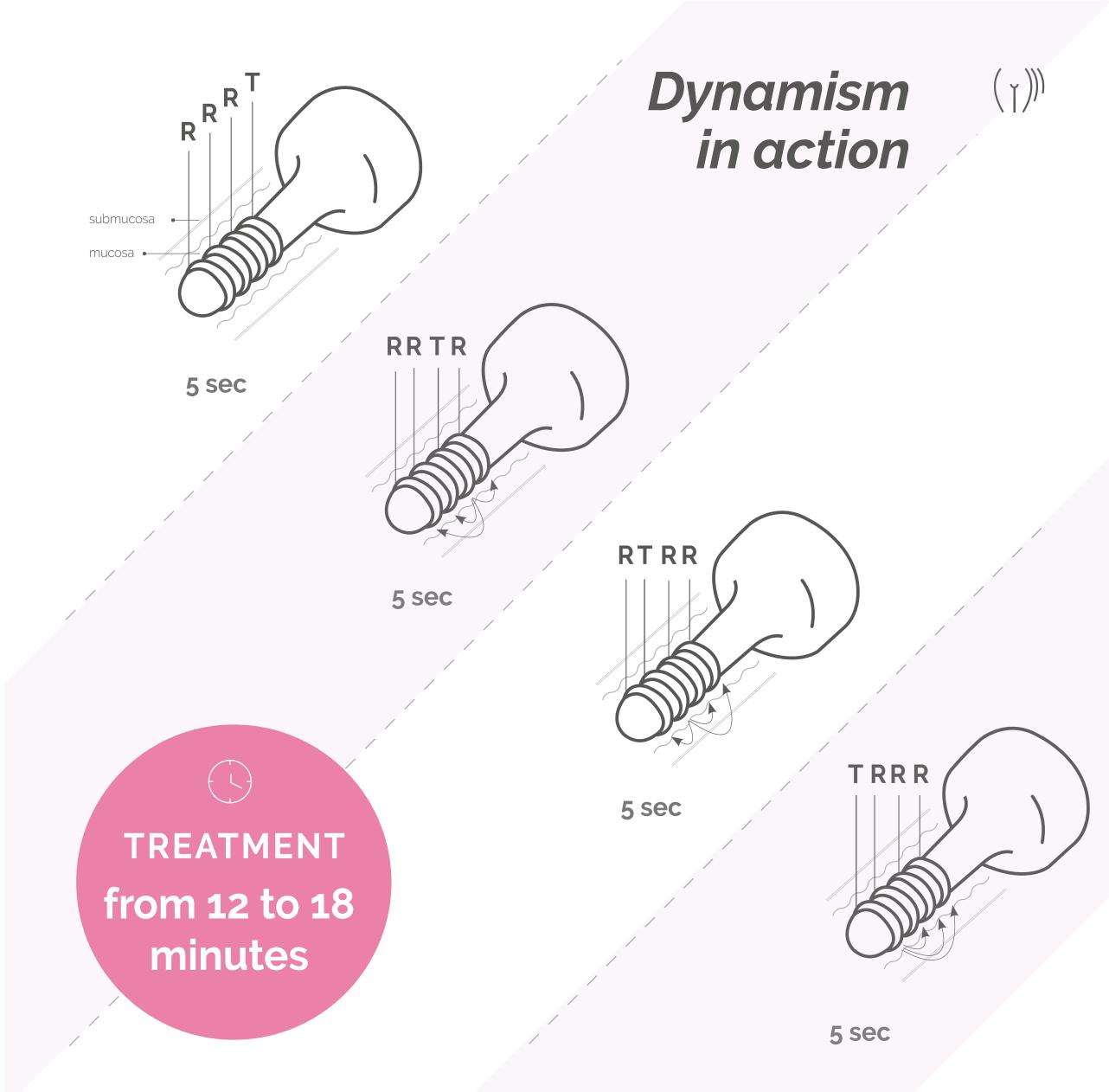
•waves that can penetrate even the deepest tissues without overheating those that are not involved in the treatment.

•amplified common RF action in total safety

no energy dispersion

The exclusive VDR™ (Vaginal Dynamic Radiofrequency) technology makes it possible to focus the thermal effect on the epithelial and sub-epithelial layers of the vagina as selectively as possible. Indeed, this technology is able to ensure total configuration flexibility, starting from protocols able to adapt the treatment to the patient's needs, precisely choosing the penetration depth and specific tissue target.

Using this technology results in visiblyimproved hydration, reactivated microcirculation, stimulated collagen and elastin neogenesis: all these actions are essential to relieve annoying GSM-related symptoms and vaginal laxity, and in the vulvar rejuvenation process.



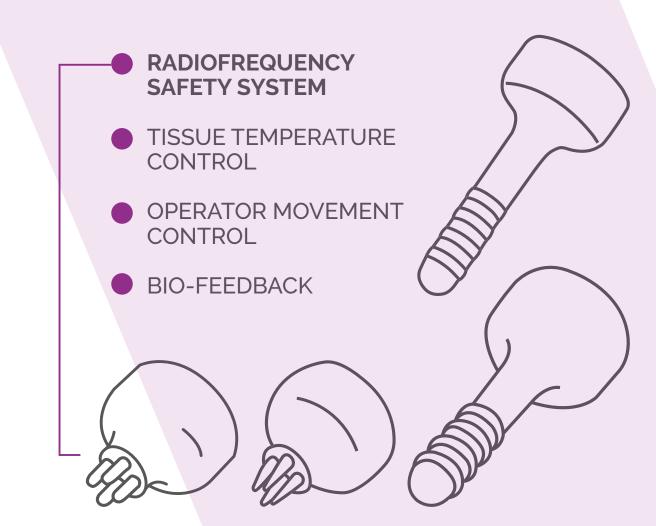


### RSS™ Radiofrequency Safety System

RSS<sup>™</sup> is the safety system that makes Eva<sup>™</sup> treatments really safe for both the patient and the operator. This is possible thanks to two systems studied in the Novavision laboratories, which act simultaneously:

- A special system that controls the movement of the handpiece, guaranteeing total safety in operations, preventing incorrect movements and thus avoiding the prolonged administration of energy to the tissue, which would be harmful.
- A tissue temperature sensing system that allows the operator to verify that the proper degree of heat has been reached for effective treatment, while protecting against overheating.

RSS™ technology also directly protects the patient, who will be in full control of the session: thanks to Bio-Feedback you can stop the therapy with a simple button, becoming an active part of it.



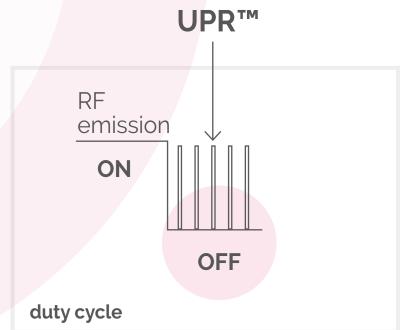
technologies



\*Relevant publication data on page 34.

### UPR™ Ultrapulsed radioporation

UPR™ is the most innovative technology which, by using high energy micro-pulses, makes it possible to increase cell membrane permeability as well as opening aqueous channels, thus conveying the active substances





# IoMT<sup>™</sup> 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, Eva 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.



### Scientific publications

### VULVOVAGINAL ATROPHY



EVA STIMULATES cell regeneration, thus reducing vulvovaginal atrophy symptoms (dryness, itching, burning and intercourse pain).

### VAGINAL LAXITY



EVA IMPROVES e lasticity and c ompactness of the vaginal canal, stimulating

### **VULVAR REJUVENATION**



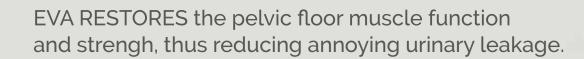
EVA COUNTERACTS the atrophy of vulvar tissues improving their aesthetic appearance and function.

#### **VULVODYNIA**



EVA ACTS as a modulator of the deficit of peripheral neurological mechanisms.

### **STRESS URINARY INCONTINENCE**



### SYMPTOMS OF LICHEN



EVA RELIEVES the most common symptoms such as intimate itching and burning.

#### SEVERE STENOSIS



EVA REDUCES tissue inflammation.

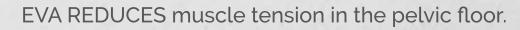
### FECAL



INCONTINENCE

EVA ACTS on the control of the rectal muscles reducing involuntary discharge.

#### HYPERTONE OF THE PELVIC FLOOR







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

### Zero downtime with 100% comfort

VDR<sup>™</sup> 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 completely painless procedures and in total comfort for the patient, no anaesthesia is required. In addition, the user has total control on the treatment thanks to the Bio-Feedback system.

#### Non ablative solution

VDR™ technology stimulates physiological cell regeneration without damaging the treated areas.





### **e**6a

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

### Simple procedures effective protocols

Novavision proprietary technologies assure ease of use.

### No energy dispersion

Thanks to the VDR technology embedded in the device, the target area can be treated with lower energy dispersion on the tissues that are not involved in the treatment.

#### **Safe Operator**

Eva™ protects the patient as well as the operator, who can perform treatments throughout the day, with no time limits and in total safety.

### Training in equipment use

Novavision provides constantly updated training material, multimedia supports on how to properly use the equipment, and ongoing training with experienced professionals in the field.

### Real-time support

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



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 customization.



### 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

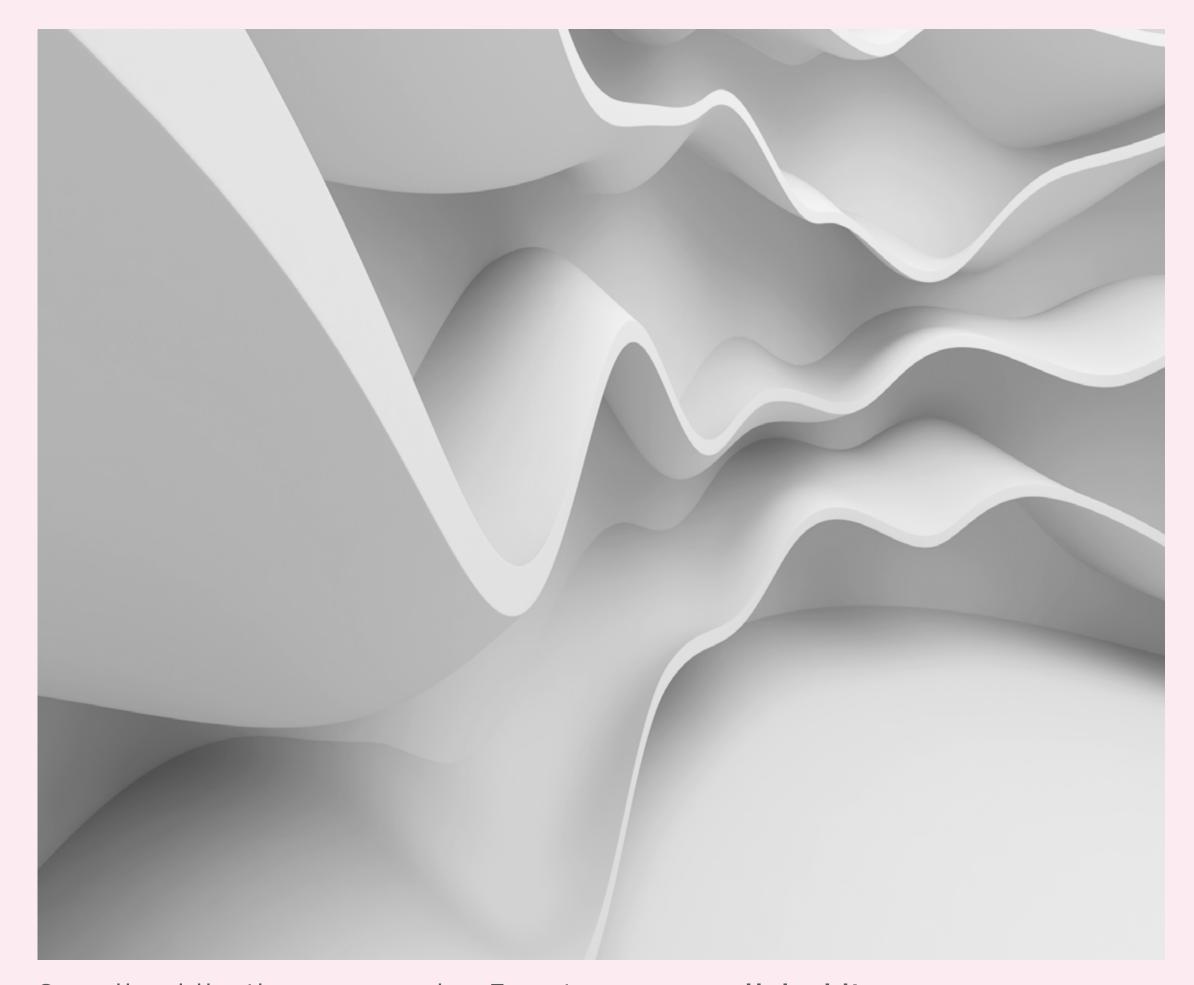
Total made in Italy means Italian design, Italian materials, Italian data sheets and the guarantee of using the highest quality products.

Everything you need – from consumables to spare parts – will be shipped directly from our Misinto laboratories, which means immediate support and very fast delivery times throughout the country.





The scientific research that is steadily carried out by **Novavision Group**'s board jointly with innovative national and international Universities validates Eva treatment protocols and applications.



See all publications concerning Eva at www.novaclinical.it

clinical board



## Our influencers... your colleagues and Eva patients

#### **Dr. Franco Vicariotto** (President of the clinical board)

Specialist Consultant at Humanitas - S. Pio X Hospital and at Lower Genital Tract Disease Unit, Buzzi Hospital, University of Milan, both in Milan (Italy). Founder of SIFIOG (Italian Society of Supplements in Obstetrics and Gynaecology), and Member of the Board of SIM (Italian Society of Menopause).

"Patients are satisfied with the comfortable procedure and also happy because there is no downtime and they don't have to stop their daily activities, such as exercise, after treatment".

Eva Feminine Rejuvenation Device Features Novel RF Technology by Jeffrey Frentzen, Executive Editor THE European Aesthetic Guide Autumn 2016

#### Prof. Rosella Nappi

Full Professor of Obstetrics and Gynaecology at the University of Pavia, Department of Clinical-Surgical, Diagnostic and Paediatric Sciences, Medically Assisted Procreation Centre, Gynaecological and Menopausal Endocrinology Unit, IRCCS Policlinico San Matteo, Pavia. Member of the Board of the International Menopause Society (IMS) and of the International Society of Gynecological Endocrinology (ISGE), member of "Top Italian Women Scientists", a Club promoted by O.N.Da, National Women's Health Observatory.

"Eva™ is all about improving the quality of a woman's personal life and sexual relationship. We recognize that the patient's quality of life is very important".

Improved RF Technology Enhances Eva Feminine Rejuvenation Device by Jeffrey Frentzen, Executive Editor THE European Aesthetic Guide 2017-Volume 14

#### Dr. Elena Fasola

Specialist in Microsurgery and Experimental Medical Aesthetic Surgery, Owner of the GyPlast Institute, Milan. Valet Trainer. Creator, Founding Member and Secretary of AIGEF (Italian Association of Aesthetic and Functional Gynaecology), Founding Member and Vice President of Arpleg

(Association of Genital Plastic and Aesthetic Rejuvenation).

"Thanks to the continuous movement of electric charges between the poles, which behave as ricevers and trasmitters, the device uses relatively low energy with DQRF to deliver safe treatment without any risk of burns".

4 Plus System offers Novel Application of RF Technology by Kevin A.Wilson, Contributing Editor THE European Aesthetic Guide 2018-Volume 17

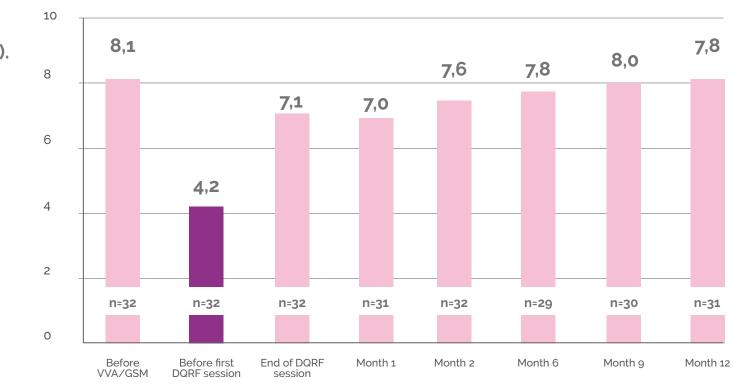


## Dynamic quadripolar radiofrequency treatment of vaginal laxity/menopausal vulvo-vaginal atrophy: 12-month efficacy and safety

Franco Vicariotto
Francesco De Seta
Valentina Faoro
Mauro Raichi

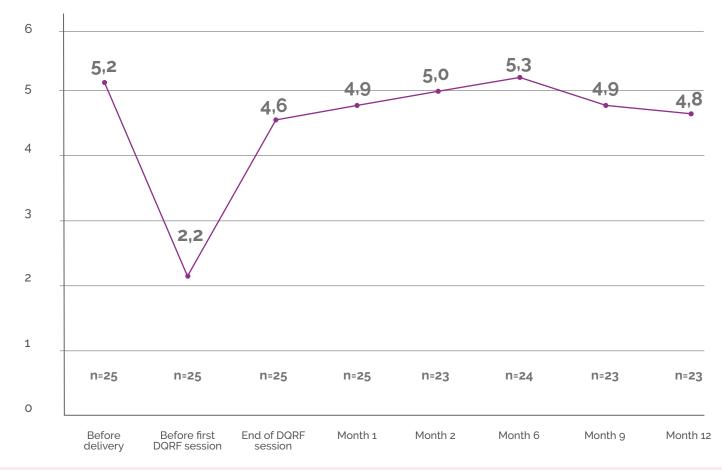
Overall satisfaction with sexual life, selfassessed mean scores ± SEM (10-cm VAS).

Women's estimate before developing VVA/GSM ("before VVA/GSM") and evaluations immediately before the first and the last DQRF tratments ("before first DQRF session", "end of DQRF sessions") and at follow-up visits 1,2,6,9 and 12 months after the last DQRF session.



Vaginal Laxity Questionnaire (VLQ) 7-level ratting scale (very loose=1 to very tight=7), mean scores ± SEM.

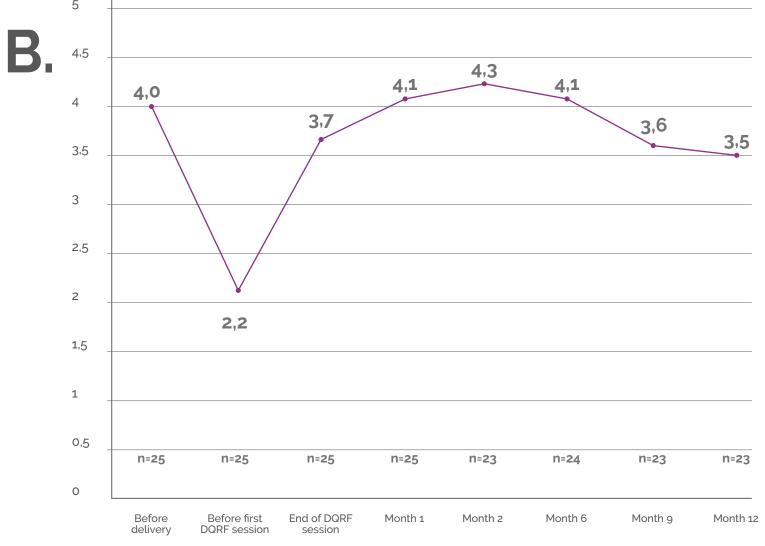
Women's estimate before developing vaginal laxity ("before delivery") and evaluations immediately before the first and last DQRF tratments ("before first DQRF session", "end of DQRF sessions"), and at follow-up visits 1,2,6,9 and 12 months after tha last DQRF session.



A) Pelvic Organ Prolapse/ Incontinence Sexual Questionnaire, short form (PISQ-12) and B) Sexual Satisfaction Questionnaire (SSQ) 6-point rating scale (none=1 to excellent=6), mean scores ± SEM.

Women's estimate before developing vaginal laxity ("before delivery") and evaluations immediately before the first and last DQRF tratments ("before first DQRF session", "end of DQRF sessions"), and at follow-up visits 1,2,6,9 and 12 months after the last DQRF session.





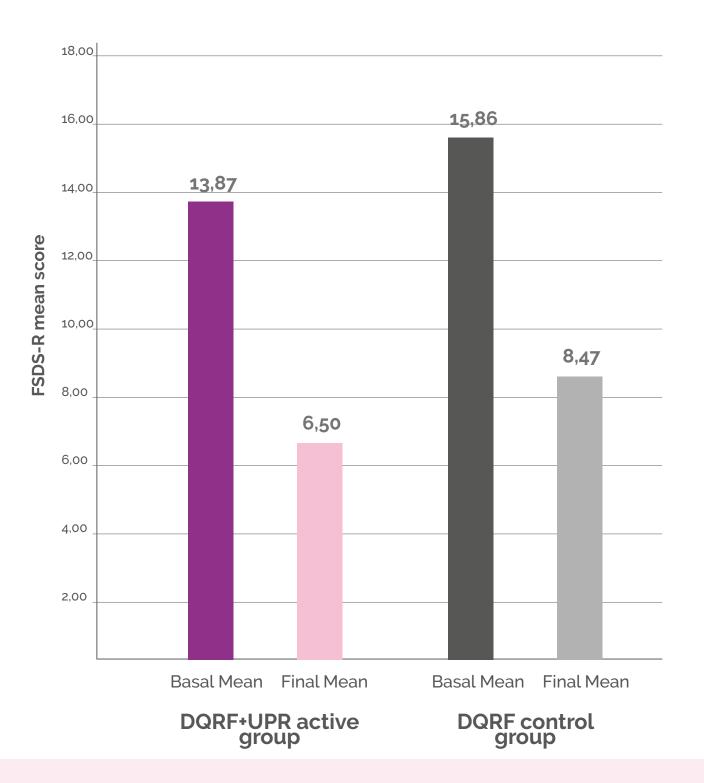


# Ultra-Pulsed Radioporation further enhances the efficacy of Dynamic Quadripolar RadioFrequency in women with post-menopausal vulvo-vaginal atrophy

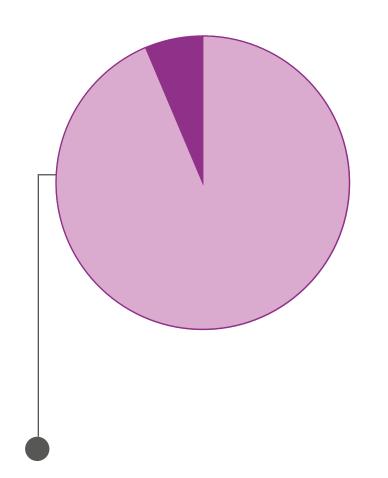
Rosario Tranchini Mauro Raichi

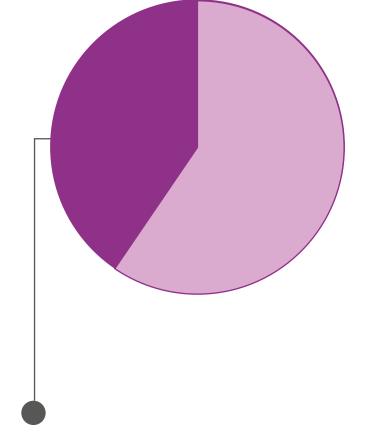
Sexual dysfunction-related distress before and at the end of the double-blind treatment program.

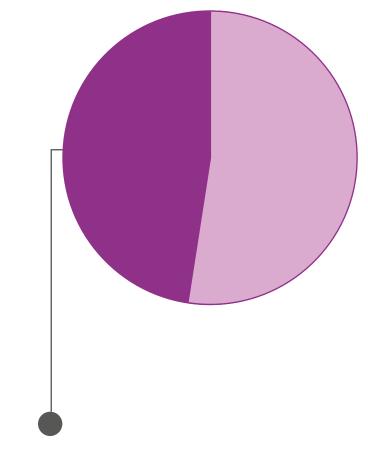
Illustrates how the women's personal distress related to sexual disfunction evolved in the "DQRF<sup>TM</sup>+UPR<sup>TM</sup>" treatment group and in the "DQRF<sup>TM</sup>" control group. FSDS-R basal mean score more than halved in the active group (-57.3%); the women of the "DQRF<sup>TM</sup>" control group showed a tendency towards a somewhat less dramatic improvement of sexual distress (-49.6% vs. mean basal score), with a marginally significant difference between the two treatment groups.



### The patients claimed:







95%
After just two treatments the area is rehydrated and humidified.

73%
Find a
significant
improvement
in sexual
satisfaction.

68%
Witness
a clear
reduction in
stress-related
incontinence
leakage.











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