



INDIBA® Deep Care gives you technology that not only bases its effects on thermia but also on biostimulation and regeneration, unique effects derived from application without an increase in temperature in the tissue (subthermal).

INDIBA® Deep Care can be used as a primary treatment or as an integral part of aesthetic medicine treatments in order to improve results and the patient's overall experience.

Our technology is complementary to both surgical and non-surgical procedures, and its use in conjunction with existing techniques allows multiple treatment combinations for the benefit of patients. The technology is safe, versatile, comfortable and intuitive for use by medical professionals.

Use of INDIBA® Deep Care can reduce the recovery time for other procedures, as well as improve the patient's quality of life. It is non-invasive, painless and safe. Clients benefit from treatments with INDIBA® Deep Care, and the results can be seen from the first session.



Unique 448 kHz frequency



Over 35 years of experience



+25k devices worldwide

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Specialized training INDIBA® Academy



Extensive bibliography of clinical studies



Tested, proven, safe and effective

## Our history

In 1983, José Calbet began to study electromagnetic currents in therapeutic applications and launched our first INDIBA® device. It was formerly known as CET, TEC or TECAR, and later as TECAR THERAPY treatment. Today, the scientific community refers to our technology as CRET (Capacitive Resistive Electric Transfer) or CRMRF (Capacitive Resistive Monopolar Radiofrequency).

After that first device, we continued developing our technology at approximately 0.5 MHz until, finally, thanks to scientific investigation, we have been able to define the most stable and effective frequency on the market in biological terms: 448 kHz.

Having perfected our technology over 35 years, eventually obtaining 12 patents and developing 25 different models (6th Generation), our technology has been recognized and awarded internationally throughout our history.

## Technological evolution

**MD 510, 530, 570** CAP-RES: TECAR



Elite NS, RGN Continuous Modulation Aesthetic gynecology pack Gynecology treatments



#### **Gold Medal**

"International Exhibition of Invention"

Geneva



#### Silver Medal

"Eureka Invention Exhibition"

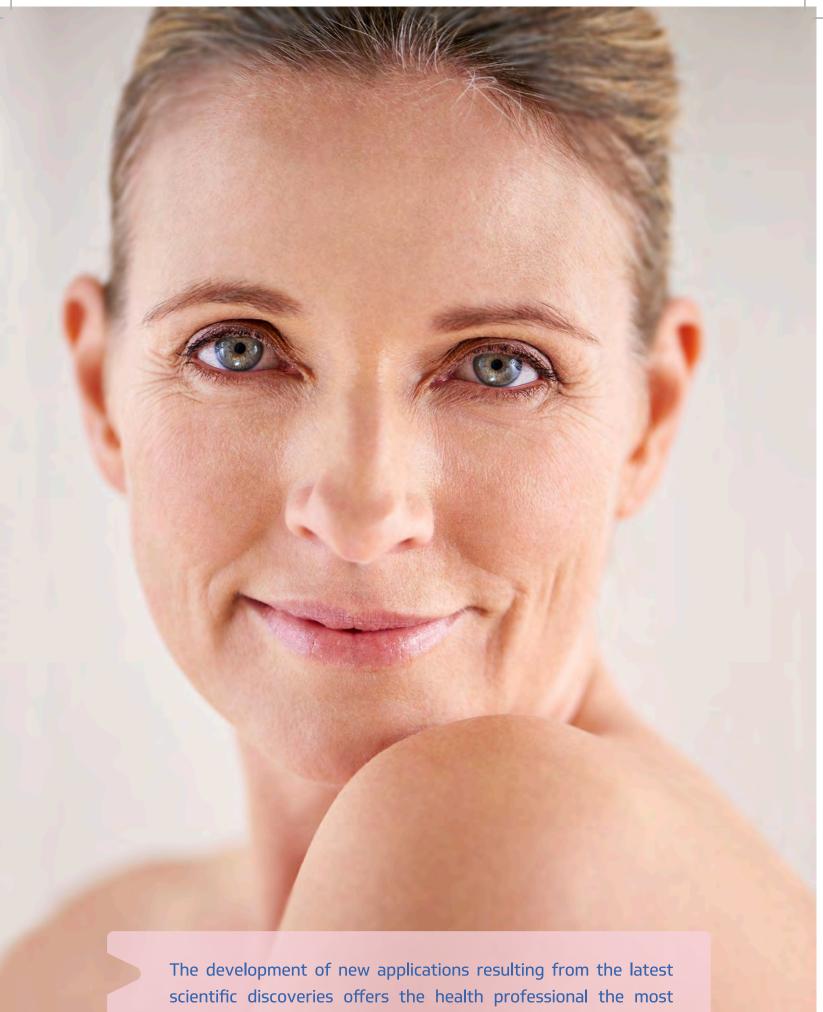
Brussels



#### **Gold Medal**

"Exposición Internacional de Inventalia"

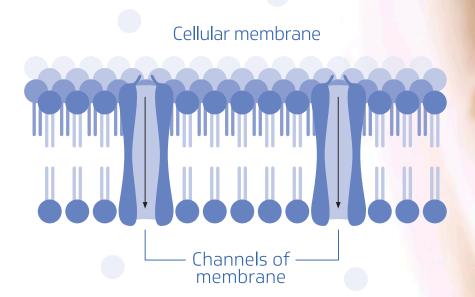
Madrid



# Our technology

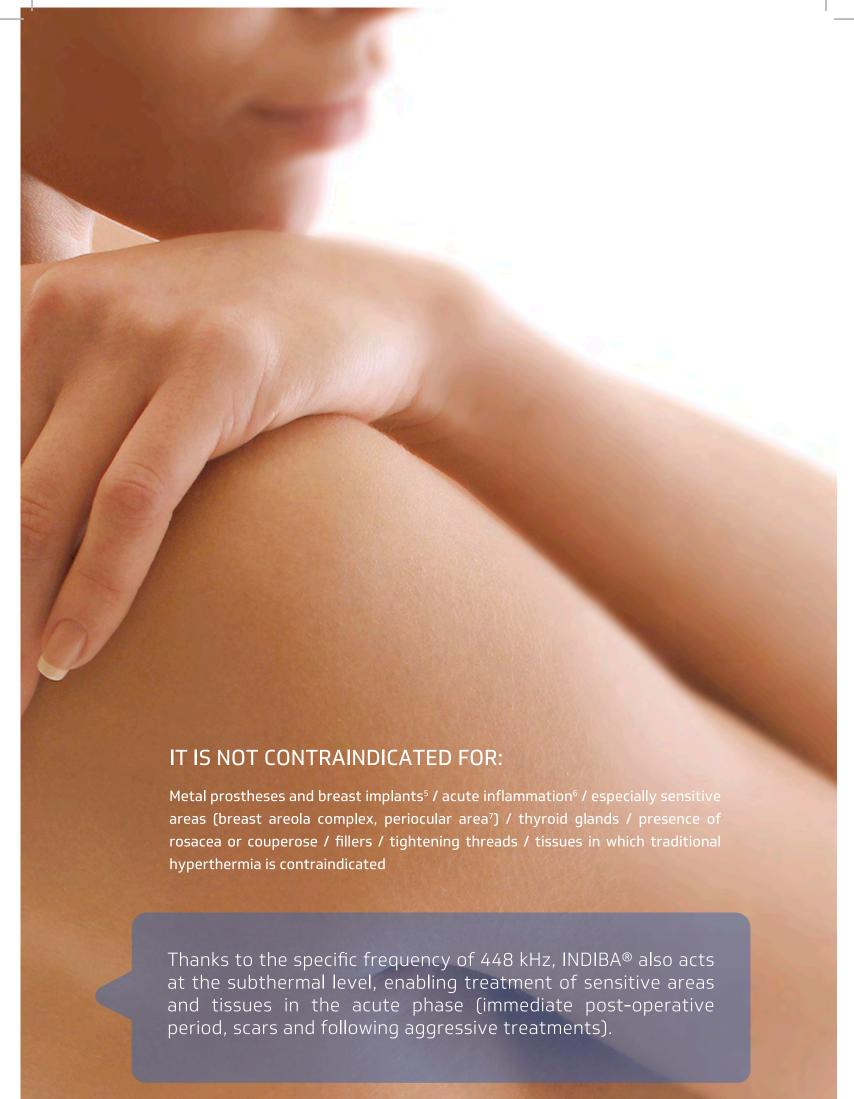
INDIBA® Deep Care technology is based on the proven CRET® system. By working at a frequency of 448 kHz, three biological effects are generated: biostimulation, vascularization and hyperactivation.

These processes increase cellular metabolism, blood flow and circulation, at the same time as they improve the oxygenation of tissues and cells. The effects of INDIBA® Deep Care also help generate new collagen fibers, detoxify the tissue and increase lymphatic drainage.



Numerous scientific studies have demonstrated the intrinsic properties of the 448 kHz frequency, including normalization of cell function, its regenerative, anti-inflammatory, anti-algic and anti-adipogenic action, and its stimulating effect on stem cells.<sup>1,2</sup>

These properties along with its safety and harmlessness<sup>3,4</sup> have made INDIBA® Deep Care the most versatile technology in the medical field.





# Developed by engineers, designed for you





#### TRUSTED

Thousands of clinics and doctors worldwide trust and work every day combining its treatments.



#### SAFF

Contact detection control, maximum reliability and safety during treatment.



#### EASY TO USE

Intuitive software and electrodes adapted to each treatment zone. Software version upgrading and new functionalities via WiFi.



#### ROBUST

Tested in the most demanding work environments. High quality in all accessories and components.



#### **PRECISE**

Maximum precision in energy output.



## VALIDATED AND CUSTOMIZABLE APPLICATION PROTOCOLS

Clinical practice guides endorsed by experts, for proven, homogeneous and reproducible results.



#### **VERSATILE**

Extensive selection of accessories for different anatomical areas and medical specialties.



#### **CUTTING-EDGE DESIGN**

Independent and integrable device and stand. Intuitive touch screen. Return plate heater.



#### CONTINUOUS MODULATION (PATENTED)\*

Greater electrical intensity with no increase in the temperature of the tissue.



#### MONITORING SOFTWARE

Storage and management of patients' clinical data.

<sup>\*</sup>Patent: (N°:2 658 762 / ES 2 658 762 B1)

## Our treatments

INDIBA® Deep Care treatments are safe, painless and non-ablative. There is no limit to treatment duration or sessions, and the results are visible from the first session.

Our application protocols have been validated by our medical department and specialized training team, and by leading experts in the field. The clinical practice guidelines provide a reliable method for obtaining excellent, reproducible results.

Treatment with INDIBA® stimulates tissue repair and, in combination with manual therapy and other techniques, it can produce immediate and unparalleled results.

Using the 448 kHz frequency, INDIBA® produces a subthermal and thermal effect that:

- Provides an analgesic effect
- Increases the volume and intensity of blood flow in the tissue
- Increases the supply of oxygen and nutrients
- Raises temperature when hyperthermia is desired
- Increases metabolism
- Reduces inflammation
- Normalizes and optimizes cell electrical activity
- Promotes ionic balance
- Stimulates selective cell proliferation (in vitro studies)
- Allows treatment in zones traditionally unsuitable for other frequencies.
- Allows treatment when metal prostheses are present
- Enables treatment when breast implants are present, even on the nipple
- Accelerates healing when used to treat the wound perimeter or surgical staples



### Contraindications

- Use of pacemakers or other electronic implants
- Pregnancy
- Thrombophlebitis

- Broken skin (open wounds or recent burns). Work under these conditions can be performed using specific protocols.
- People suffering from lack of sensitivity (congenital insensitivity to pain, nerve damage, paraplegia or pharmacological treatments that reduce sensitivity to pain or heat).

# Aesthetic medicine

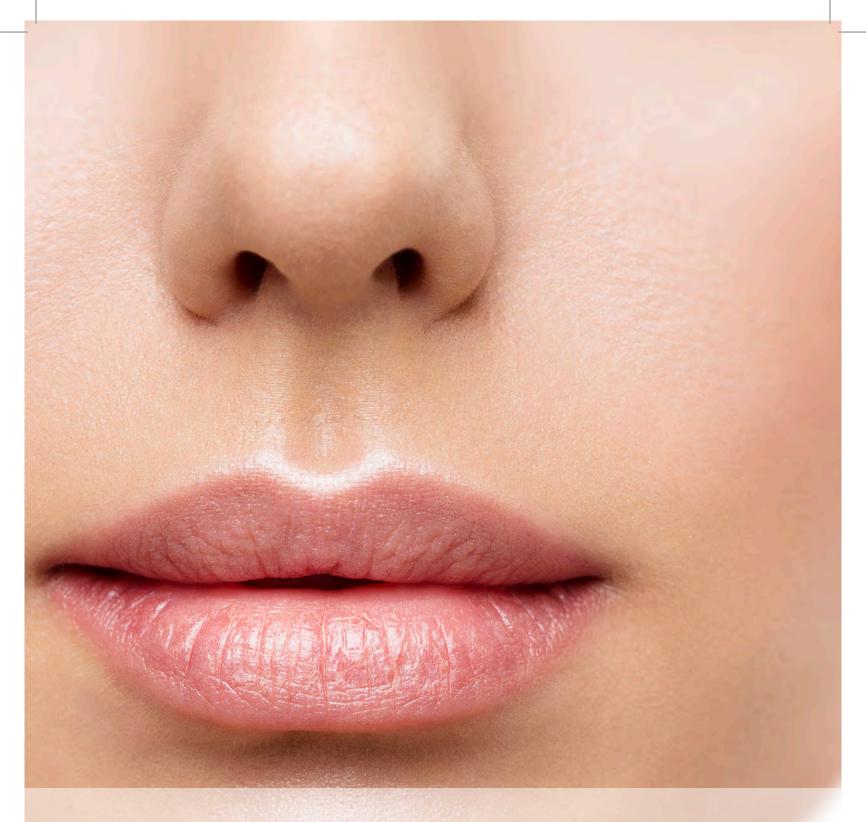
The standard treatments in aesthetic medicine can damage the tissue, activating the body's own recovery mechanisms.

INDIBA® Deep Care does not cause damage, can be combined with other treatments and helps to regenerate tissues damaged in previous treatments.

Thanks to our technology, we offer non-invasive, safe and pleasant treatments for the patient, with no limit on sessions and with visible results from the first treatment.

#### An effective solution for:

- Pain management
- Reducing inflammation and bruising
- Accelerating tissue recovery
- Improving the patient's recovery process



## INDIBA® Deep Care can be used to enhance results as main treatment or in combination (pre/post) with:

- Fillers and reabsorbable tightening threads
- Infiltrations with hyaluronic acid, calcium hydroxylapatite, polycaprolactone, polylactic acid
- Botulinum toxin
- Mesotherapy
- Platelet-rich plasma (PRP)

- Peelings
- Fractional CO<sub>2</sub> laser/laser, fractional ablative RF
- IPL/vascular laser (PDL, KTP Nd:YAG)
- Non-invasive facial rejuvenation
- Face and body firming and contouring
- Cellulite reduction

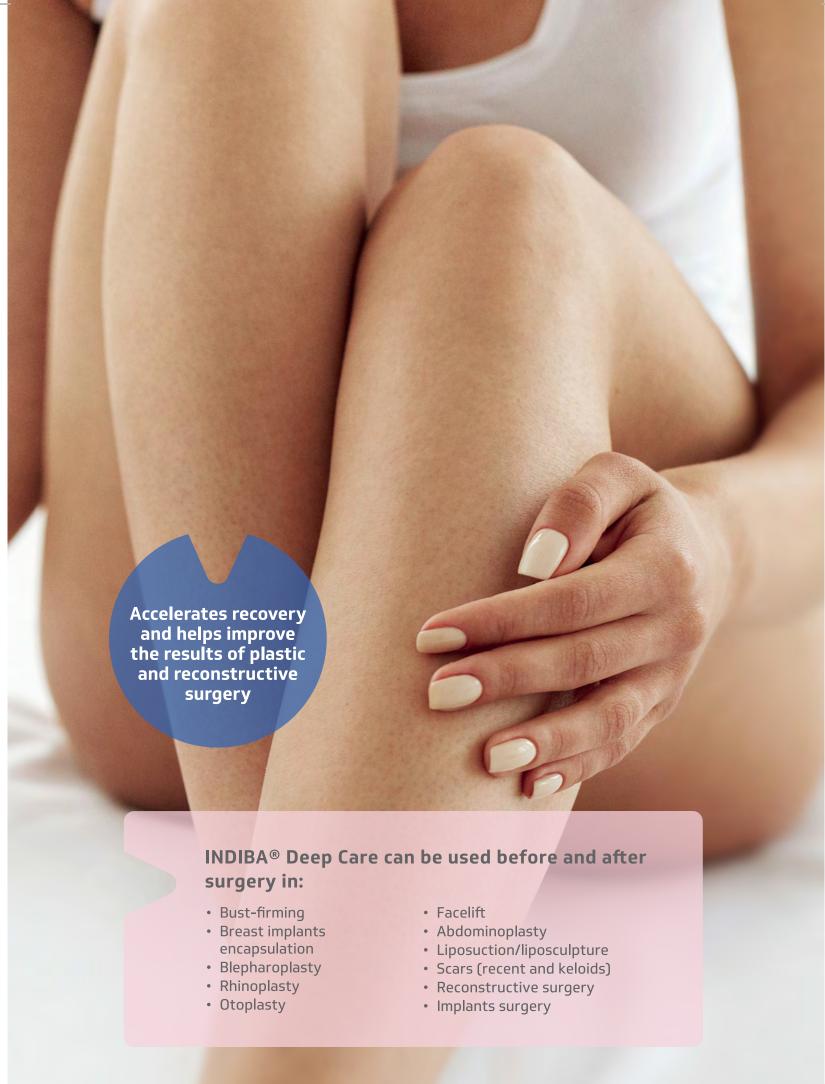
## Plastic surgery

Accelerates recovery and helps to enhance the results of plastic or restorative surgery. Surgical interventions can generate inflammation, pain, edema, bruising and scars. The use of INDIBA® helps to accelerate tissue repair, making recovery faster and less painful and traumatic. Because the INDIBA® technology also acts at the subthermal level, it allows treatment of the zone on the same day as the surgery in subthermal working mode.

INDIBA® Deep Care promotes faster and deeper tissue regeneration, with visible results from the first treatment.

Whether in pre- or post-surgery or maintenance treatments, INDIBA® is an effective solution for:

- Optimizing the condition of the tissue and reducing bleeding
- Reducing bruising and accelerating bruise healing
- Reducing inflammation
- Accelerating the patient's recovery and healing
- Reducing pain
- Diminishing scar visibility
- Enhancing post-liposuction or liposculpture results
- Preventing fibrosis
- Improving fibrotization of scars



## Gynecology

INDIBA® Deep Care supports aesthetic procedures in the genital area to help improve patients' self-esteem and confidence, and it complements the standard invasive treatments to provide rapid and painless results.

#### INDIBA® can be used for:

- Reducing inflammation
- Accelerating recovery and healing
- Reducing pain
- Improving muscle tone and vascularization of mucosa
- Hydrating the tissue

#### INDIBA® can be used in gynecology in:

- Genital rejuvenation (labial, vulvar, vaginal)
- Pre-/post-labiaplasty, vulvoplasty, hymenoplasty, perineoplasty
- Vulvovaginal laxity
- Vaginal atrophy (GSM: genitourinary syndrome of menopause)
- Vaginal dryness
- Urinary incontinence as a coadjuvant treatment

- Vaginismus
- Vulvar vestibulitis syndrome
- Improving scars and adhesions
- Pelvic inflammatory disease
- Orgasmic dysfunction and improvement of sexual function
- Pain, dyspareunia

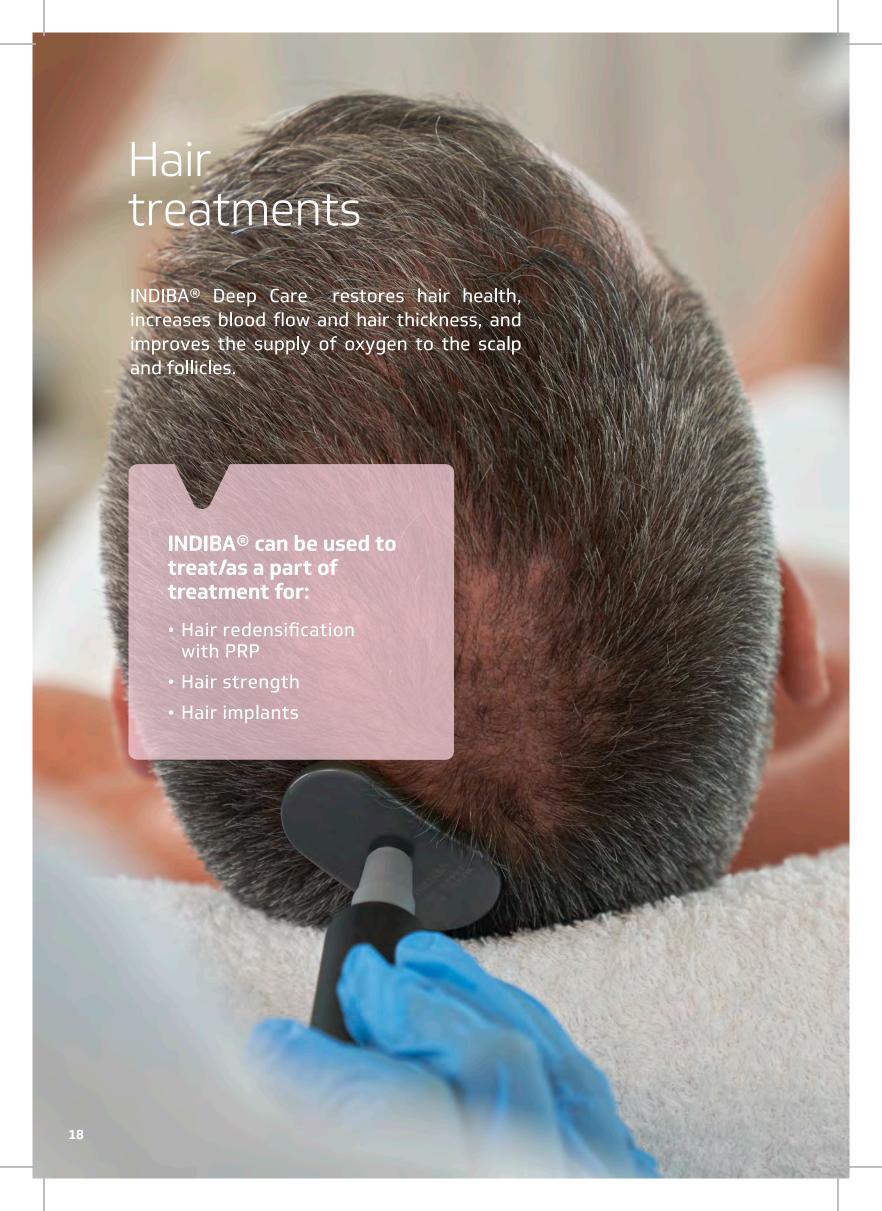
## Dermatology

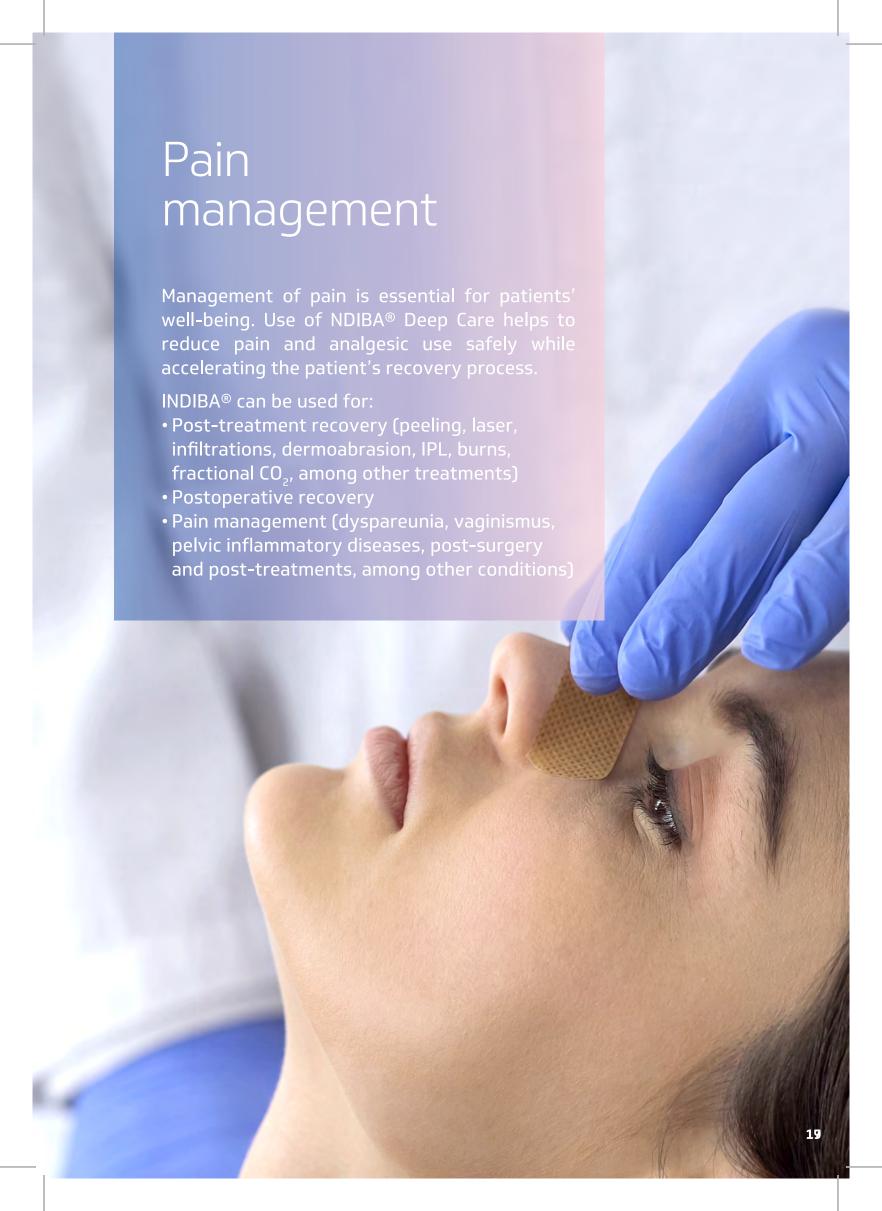
INDIBA® Deep Care enhances the skin's natural health and beauty. It can be used in combination with standard dermatology treatments to optimize results, which are visible from the first session.

#### INDIBA® helps with:

- Increasing blood flow and the supply of nutrients to tissues
- Hydrating the tissue
- Stimulating collagen production







# Training. INDIBA® Academy

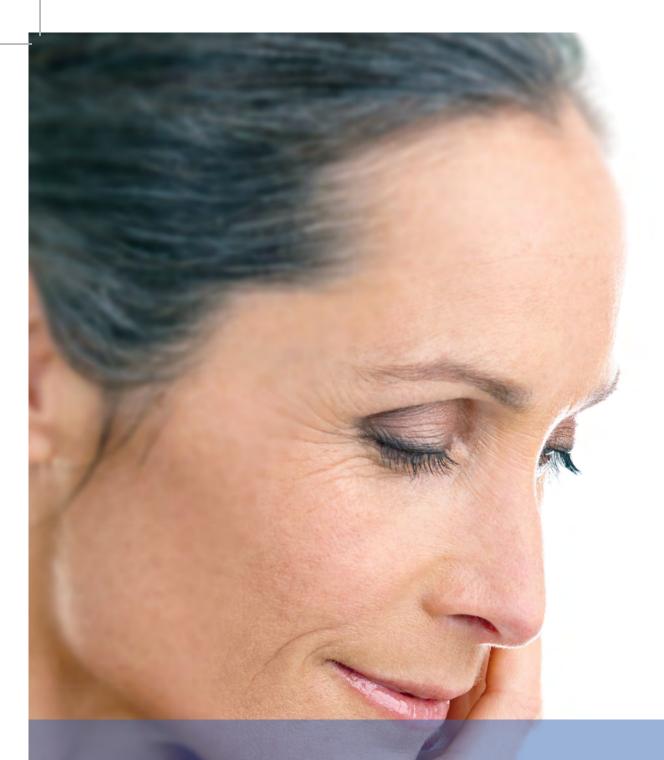
INDIBA® technology is a medical tool that promotes application in combination with the most common techniques in the field of aesthetic medicine, surgery, dermatology and aesthetic gynecology.

Its foundation is the regeneration of altered or damaged tissue, significantly reducing recovery times and improving the health of the treated tissue.

With a good understanding of the principles of action by the doctor to prescribe the most appropriate treatment, precise application of the treatment achieves superlative results.

That's why at INDIBA®, we believe that training is a fundamental part of our method.

Training is the base to get top results



INDIBA® is much more than a device; it's a working method.

With our training program, we help you to expand the possibilities and offer more comprehensive and lasting results.

The training program consists of:

- Initial and advanced training
- Group training
- Aesthetic Medicine Module
- Aesthetic Surgery Module
- Aesthetic Gynecology Module
- Hair Module
- Pain Management Module

Our educational program evolves continuously to implement new application techniques and share treatment experience worldwide.

Being an expert on INDIBA® techniques will enable you to develop your own treatments and differentiate yourself with the reliability of a technology that has been pioneering for 35 years.

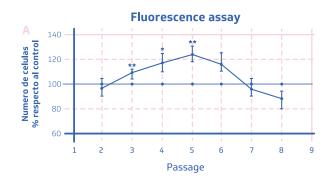
## Scientific evidence

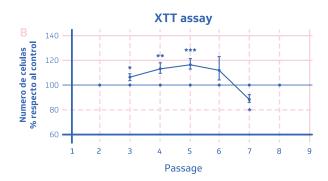
Collaboration with prestigious universities, hospitals and research centers has led to over 300 scientific references to INDIBA® and generated indexed articles and master's and doctoral theses that demonstrate the effectiveness and safety of our technology.

Research supports the use of the 448 kHz frequency to achieve three effects: subthermia (biostimulation), thermia (vascularization) and hyperthermia (hyperactivation) and their results: improved tissue regeneration, increased cell trophism and increased collagen and elastin synthesis.

#### REGENERATION

Studies by the Bioelectromagnetism Department at Ramón y Cajal University Hospital (Madrid, Spain) have demonstrated the proliferative effect induced by the 448-kHz current on mesenchymal stem cells<sup>1</sup>.



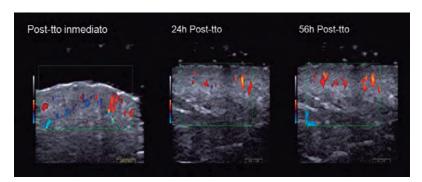


#### **INNOCUOUSNESS**

Anti-proliferative effect on certain tumour lines <sup>3,4</sup> No harmful effects on healthy cell populations.

#### INDICATED IN INFLAMMATORY PROCESSES

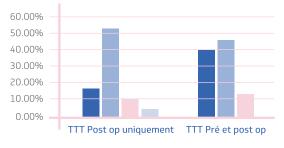
INDIBA® Deep Care in postoperative use immediately following fractional laser treatment enables control of inflammation and oedema, reducing postoperative recovery by 4 days 1.



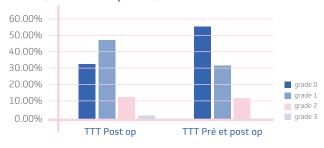
#### PRF- AND POST-SURGERY

En In a study with 87 patients, it has been demonstrated that pre- and post-surgical use of a monopolar current at 448 kHz, as opposed to post-surgical use alone, significantly reduces the presence of bruising and oedema on the third day following a blepharoplasty procedure8.

#### Post-Q TT vs Pre & post-Q TT / D3 - Hematoma



#### Post-Q TT vs Pre & post-Q TT / D3 -- Oedema



#### **HEALING OF BURNS**

Unilateral application INDIBA® Deep Care of facilitates extension of the treated arm (A), while the scarring on the control arm (B) remains contracted. The work protocol enables a significant reduction in the healing time for wounds, and limits disabling secondary scarring effects9.



- 1. Hernández-Bule, ML; Paíno CL, J; Trillo, MA, Úbeda, A. Electric stimulation at 448 kHz promotes proliferation of human mesenchymal stem cells.Cell Physiol Biochem
- Hernández-Bule ML, Martínez-Botas J, Trillo MA, Paíno L, Úbeda A. Antiadipogenic effects of subthermal electric stimulation at 448 kHz on differentiating human mesenchymal stem cell. Molecular Medicine Reports. DOI: 10.3892/mmr.2016.5032.
- 3. Hernández-Bule ML, Roldan E, Matilla J, Trillo Á, Úbeda A. Radiofrequency currents exerts cytotoxic effects in NB69 human neuroblastoma cells but not in peripheral blood mononuclear cells. Int J Oncol 2012; 41:1251-1259.
- 4. Hernández-Bule ML, Trillo MA, Úbeda A. Molecular Mechanisms Underlying Antiproliferative and Differentiating Responses of Hepatocarcinoma Cells to Subthermal Electric Stimulation. 2014;PLoS ONE 9(1): e84636.
- 5. Terranova A, Vermiglio G, Arena S et al. Tecarterapia nel trattamento post-chirurgico delle fracture di femore. Eur J Phys Rehabil Med.2008 ; 44 (Suppl 1) (3):1-2.
- 6. Naranjo P, López Andrino R, Pinto H. First assessment of the proionic effects resulting from non-thermal application of 448 kHz monopolar radiofrequency for reduction of edema caused by fractional CO2 laser facial rejuvenation treatments. J Surg 2015; 3(1-1):21-24
- 7. Junco O. Radiofrecuencia Proionic® en los tratamientos de reafirmación, remodelación corporal, celulitis y pre- /post- cirugía. 28 Congreso Nacional Sociedad Española de Medicina, Estética, 21-23 febrero, 2013 (Barcelona)
- 8. Marie-Anne D, Naranjo P. INDIBA PROIONIC RF: Reaching excellence in aesthetic treatments in Dermatology, Oculoplasty & Post Laser Surgery recovery. IMCAS; Paris2015.
- 9. Manzari A. L'impiego del dispositivo INDIBA Deep Care nel Trattamento delle ustioni in fase acuta [Minor]: Università degli studi di Bari Aldo Moro; 2017. [In collaboration with Armenise R, Bellacicco M, Caponio AL.]

# Proven clinical results

#### **AESTHETIC MEDICINE**

Abdominal firming

20 SESSIONS (2/3 per week)

Photos courtesy of Strefa Kobiety (Poland)

#### **AESTHETIC MEDICINE**

Fractional CO<sub>2</sub> laser - post-treatment

Photos courtesy of Dr. Pablo Naranjo (Madrid, Spain)

#### PLASTIC SURGERY

Tummy Tuck and Liposuction

8 SESSIONS (2 per week)

Photos courtesy of Veltia Clínica & SPA, Clínica Integral de Salud y Belleza (Ciudad de México, México)

#### **PLASTIC SURGERY**

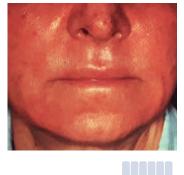
post lipotransfer with continuous modulation (patented)

3 SESSIONS (1 per week)

Photos courtesy of MT Meler Center (Barcelona, Spain)

















## AESTHETIC GYNAECOLOGY

Post-surgery

3 SESSIONS (1 every 4 weeks)

Photos courtesy of Dr. Jackie Calleja, Clínica Bmum (Madrid, Spain)



Deep Care treatment

3 SESSIONS (1 every 4 weeks)

Photos courtesy of Dr. Jackie Calleja, Clínica Bmum (Madrid, Spain)

#### **DERMATOLOGY**

Atopic dermatitis

9 SESSIONS (in 4 weeks)

Photos courtesy of Dr Isabel Aldanondo, Pedro Jaén Dermatology Group (Madrid, Spain)

#### **DERMATOLOGY**

Lipoma reduction

5 SESSIONS

Photos courtesy of Centro MT Meler (Barcelona, Spain)

#### HAIR TREATMENTS

Hair redensification

25 SESSIONS

Photos courtesy of Tarracoastur (Tarragona, Spain)





















# INDIBA® Deep Care devices and accessories

INDIBA® Deep Care offers one of the most advanced and versatile technologies available in the medical field. Our devices are constantly evolving thanks to research and technological discoveries that endorse its quality, safety and effectiveness. With various patents and scientific endorsements, INDIBA® technology is a valuable asset for any medical center.



#### Power

Cap 450 VA + Res 200 W

#### **Device**

Dimensions: 400 X 530 X 150 mm

Weight: 8,6 kg

#### Column

Dimensions: 913 X 444 X 559 mm

Weight: 35 kg



#### Power

Cap 350 VA + Res 100 W

#### Device

Dimensions: 400 X 530 X 150 mm

Weight: 8,6 kg

#### Column

Dimensions: 913 X 444 X 559 mm

Weight: 35 kg



#### Power

Cap 250 VA + Res 65 W

#### Device

Dimensions:  $400 \times 530 \times 150 \text{ mm}$ 

Weight: 8,4 kg





#### **Accessories & creams**



- Aesthetic gynecology kit
- Longitudinal electrodes CAP and RES
- Hair pack
- Massagers
- Return plates

- INDIBA Proionic® Care Cream
- INDIBA Proionic® Intimate Cream
- Backup kit (return plate + CAP handle + RES handle)
- Column
- Suitcase

## Technical characteristics

characteristics	ELITE NS	PREMIUM NS	RGN
Output frequency	448 kHz +/- 1 kHz	448 kHz +/- 1 kHz	448 kHz +/- 1 kHz
Output frequency resistive mode	200 W	100 W	65 W
Output frequency capacitive mode	450 VA	350 VA	250 VA
Touchscreen	Yes	Yes	Yes
Continuous modulation	Yes	Yes	Yes
Monitoring software	Yes	Yes	Yes
Pre-set protocols	41	41	29
Customised protocols	Yes	Yes	Yes
Welcome pack	Yes	Yes	Yes
Training	Yes	Yes	Yes



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