

CT9

Innovating Rehabilitation
Redefining the Recovery

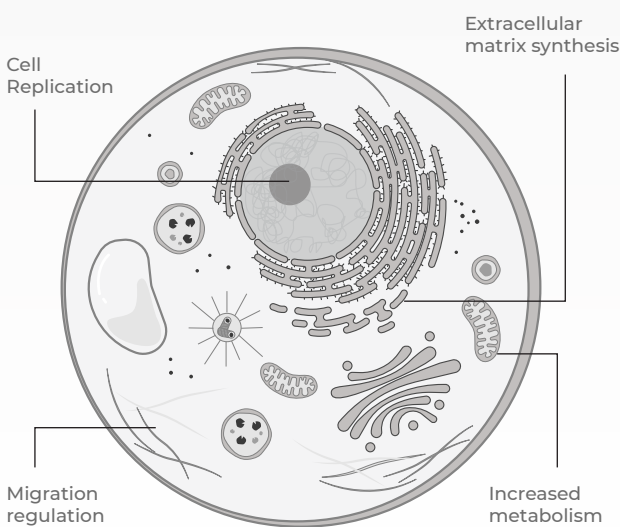


INDIBA CT9

The INDIBA CT9 is INDIBA's most powerful medical device in the rehabilitation class that employs monopolar radiofrequency technology to stimulate the body's natural healing process.

Studies indicate that when it is applied, the device's stable 448 kHz electromagnetic frequency stimulates the growth of stem cells, increases the production of key proteins by fibroblasts, such as collagen and elastin, promotes chondrocyte differentiation, ameliorates cartilage quality, and activates fatty acid metabolism.

How INDIBA Works on a Cellular Level



How INDIBA works on a cellular level:

- Increases the replication of stem cells, maintaining their ability to differentiate ¹
- Regulates the synthesis of cellular proteins, such as the extracellular matrix ²
- Enhances energy metabolism in cells ³
- Regulates key DNA repair proteins ⁴
- Regulates the correct mechanism of cell migration ⁵

In addition, treatments with the INDIBA CT9 utilize thermal and electrical effects, which can be efficiently combined with manual therapy. The CT9 provides a wide variety of treatment benefits for patients, both short and long-term, for numerous conditions.

1. Hernández-Bule ML, Paino CL, Trillo MA, Úbeda A. Electric Stimulation at 448 KHz Promotes Proliferation of Human Mesenchymal Stem Cells. *Cell Physiol Biochem*. 2014;34

2. Hernández-Bule ML, Trillo, Martínez-García MA, Abilahoud C, Úbeda A. Chondrogenic Differentiation of Adipose-Derived Stem Cells by Radiofrequency Electric Stimulation. *Journal of Stem Cell Research & Therapy*. 2017;7(12): 10.

3. Hernández-Bule ML, Martínez-Botas J, Trillo MÁ, et al. Antiadipogenic effects of subthermal electric stimulation at 448 kHz on differentiating human mesenchymal stem cells. *Mol Med Rep*. 2016;13(5):3895-903.

4. Hernández-Bule ML, Medel E, Colastra C, et al. Response of neuroblastoma cells to RF currents as a function of the signal frequency. *BMC Cancer*. 2019;19(1):889.

5. Hernández-Bule ML, Toledano-Macias E, Naranjo A, et al. In vitro stimulation with radiofrequency currents promotes proliferation and migration in human keratinocytes and fibroblasts. *Electromagn Biol Med*. 2021;40(3):338-52.

CT9 Device Advantages



Specially designed for physiotherapy clinics



Comfortable for the physio and pleasant for the patient



Robust and well-built



Offers a continuous modulation mode to support acute-phase treatments



Provides CAP and RES procedures with a full range of electrodes and accessories



Touchscreen



Provides a hands-free treatment option to deliver powerful, functional treatments over the entire body

Integration of complementary negative pressure technology with the AEROflow



Benefits of INDIBA's CT9 Technology

Musculoskeletal injuries:

- Relieves pain
- Reduces inflammation
- Stimulates tissue regeneration

Conditions where CT9 has demonstrated its capabilities:

- Tendinopathies
- Acute ankle sprains
- Muscle tears
- Arthritis pain
- Arthrosis pain
- Bone fractures
- Cervical spondylosis
- Hematomas
- Osteoarthritis of the knee
- Lumbar pain
- Contractures
- Plantar fasciitis
- Pyramidal syndrome
- Lumbar disc herniation

Benefits in post-surgical procedures:

- Relieves pain
- Improves edema and hematoma reabsorption
- Enhances tissue regeneration



Why Is the CT9 the Best Device for Your Clinic?



Power:
The CT9 device is exceptionally powerful, allowing rehabilitation treatments on any part of the body. It can target several areas, making it a comprehensive solution for different specialties in physiotherapy.



Elite Device:
The CT9 is the device of choice for the most demanding centers by providing reliability, effectiveness, and popularity among professionals and top patients.



Specific and Effective Treatments:
The CT9 uses advanced RF technology to provide specific and highly efficient treatments. This results in faster recovery times and better outcomes for patients.



Integrated Approach:
The CT9 is perfectly integrated with manual therapy and functional exercises. This holistic approach enhances the overall rehabilitation process and allows customized treatment tailoring to boost injury prevention, enabling therapists to create personalized treatment plans.



Professional Approval:
The CT9 carries the confidence and support of leading physiotherapists and sports clubs around the world, which guarantees its viability and efficacy.



Personalized Treatment Plans:
The CT9 allows therapists to tailor treatment plans to the specific needs of each patient, ensuring a more personalized and effective recovery process.



Confidence in Results:
The CT9's track record of delivering excellent results inspires confidence in the most demanding patients, athletes, and professionals, making it a reliable long-term investment for recovery treatments.



Integral Solution:
The CT9's ability to handle a large number of physiotherapy requirements in reduced time, from joint pain to muscle strain, makes it a comprehensive solution for the diverse needs of patients and athletes.

The CT9 also has Exceptional Compatible Accessories that Include:



Fascia Electrodes

These special electrodes are explicitly designed to relieve myofascial tension in relation to the musculoskeletal system.



Hands-free Electrodes

These hands-free, adhesive electrodes are used to help provide functional treatments to multiple areas of the body simultaneously.



Massage Tool

This device is an excellent tool to penetrate deep into the soft tissues, providing a massaging effect that complements the electrical and vascular benefits of INDIBA's technology.

Creams for Customized Application

INDIBA offers a complete series of creams with active ingredients to enhance the results of your devices.



Technical Specifications

Output frequency	448 kHz
Peak power at RES	400 W
Maximum output power at CAP	450 VA
Electrodes RES	35 mm, 50 mm, 65 mm, 90 mm
Electrodes CAP	30 mm, 40 mm, 55 mm, 65 mm, 80 mm
Return plate	Flexible and rubber-coated
Return plate heater	Included
Remote control	Included
Dimensions	40 x 53 x 15 cm
Weight	8.4 kg
Column	Included
Transport case	Optional
Warranty	2 years



INDIBA®

revitalizing lives

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The devices comply with current legislation on medical devices.
Material exclusively for professional use.

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