INDIBA®
revitalizing lives

Rehabilitation

AT7

A Small Device for Big Solutions

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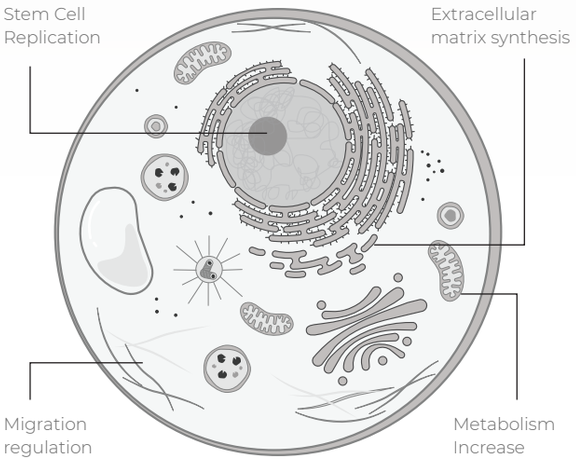
INDIBA AT7

The INDIBA AT7 is a powerful medical device that uses monopolar radiofrequency technology to enhance the body's natural healing process.

Studies indicate that when applied to the body, the device's stable electromagnetic frequency of 448 kHz stimulates stem cell growth, accelerates fibroblast production, promotes chondrocyte differentiation, enhances cartilage quality, and activates fatty acid metabolism.

How INDIBA works on a cellular level



How INDIBA works at the cellular level:

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

Furthermore, treatments with the INDIBA AT7 combine thermal and non thermal agents, which can be effectively amalgamated with manual therapy. The AT7 provides a wide range of treatment benefits for patients in both the short and long term across a breadth of 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-Macías 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.

AT7 Device Advantages

- Compact and light
- Intuitive and ergonomic
- Robust and well built
- Facilitates continuous modulation to boost acute treatments
- Provides a hands-free treatment option
- Touch Screen
- Offers CAP and RES modalities with a full range of electrodes

INDIBA AT7 Technology Benefits

Musculoskeletal injuries:

- Provides pain relief
- Relief inflammation
- Regenerates tissue

Conditions in which the AT7 has proved effective:

- Tendinopathies
- Acute ankle sprains
- Muscle strains
- Arthritis pain
- Arthrosis pain
- Bone fractures
- Cervical spondylosis
- Subluxation
- Hematomas
- Knee osteoarthritis
- Lower back pain
- Contractures
- Plantar Fasciitis
- Pyramidal syndrome
- Lumbar disc herniation

Post surgical benefits:

- Provides pain relief
- Enhances oedema and hematoma reabsorption
- Aids pressure ulcer healing process

Why is the AT7 the Best Device for your Clinic?

Safety: The AT7's technology is safe and reliable thanks to its advanced contact detection system, designed by INDIBA. The device allows to adjust its power output based on the electrode's contact area size with the skin, preventing any potential burning or discomfort during treatment.

Easy to Use: The device has an intuitive interface and can be ready to use in just three clicks.

High Quality Standards: The AT7's materials are of the highest quality and have undergone rigorous electrical and medical testing to ensure its safety.

Compact Design: The AT7 device can fit in a small space of half a meter and can still be operated without compromising the quality of treatments.

360-degree Med-tech Design: The AT7 has been specially designed to ensure the optimal stability of the electrical signal and energy delivery in any single medical condition in acute, subacute, or chronic applications.

The AT7 also has Outstanding Compatible Accessories including

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

Hands-free Electrodes:
These adhesive electrodes are hands-free and serve the purpose of helping to provide functional treatments to multiple areas of the body simultaneously.

Massager Tool:
The massager accessory is an excellent tool for penetrating deep into the soft tissue, providing a massage effect to complement the electrical and vascular benefits of INDIBA technology.

Tailored Application Creams

INDIBA offers a full range of creams with active ingredients to boost the results of its devices.

Technical Specifications

Output frequency	448 kHz
Peak power in RES	130 W
Max output power in CAP	250 VA
RES electrodes	35 mm, 50 mm
CAP electrodes	30 mm, 40 mm, 55 mm
Return plate	flexible and rubber coated
Remote control	included
Dimensions	40 x 42 x 16 cm
Weight	6.15 kg
Trolley	included

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

MKT2401 V2