

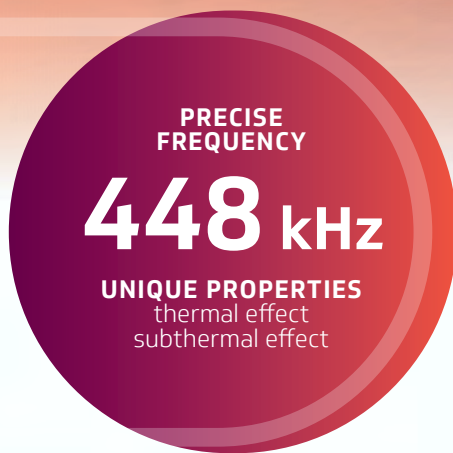
INDIBA[®]
revitalizing lives



ANIMAL HEALTH

Our technology

Extensive scientific research demonstrates that 448 kHz is the optimum frequency for producing the best therapeutic results today.



The radiofrequency-based therapeutic application bases its effect on increasing the heat of the treated tissues (diathermy).

The INDIBA technology also generates unique and scientifically proven effects on cell structure at the 448 kHz frequency, which stimulates and accelerates the tissue repair mechanisms.

INDIBA technology treats the injury utilizing bio-stimulation generated by the electrical effect, or by combining bio-stimulation with heat generation in the tissues.

- Thermal and subthermal effect
- Depth unlimited thanks to its use in a closed circuit
- Unlimited frequency of use in large body areas
- Combination with other rehabilitation techniques and therapies



We revitalize
the animals'
lives

ELECTRIC EFFECTS

Unique 448 kHz biostimulation

- Stimulates replication and favors stem cell differentiation.
- Stimulates tissue regeneration.
- Stimulates the synthesis of cartilaginous matrix.
- Increases microcirculation: immediate drainage effect.

Useful for

- Reabsorption of hematoma and edema.
- Revascularization of skin grafts.
- Pain control and acute injury / inflammation management.
- Accelerates recovery in early application.

THERMAL EFFECTS

Vascularization

- Additional to the Electric Effect.
- Increased tissue temperature.
- Increased basal metabolism.
- Local vasodilation.
- Increased lymphatic drainage.
- Collagen and elastin synthesis stimulation.

Useful for

- Greater blood flow and O₂ supply.
- Tissue and muscle spasm relaxation.
- Pain control and analgesia.

Indications and general applications

Managing joint and muscle pain

- Osteoarthritis
- Dysplasia
- Neck pain and back pain
- Associated with neurological processes

Accelerated recovery - conservative or post-surgery

- Cruciate ligament tear
- Disc hernia
- Neurological processes

Injury prevention and management of sporting dogs

- Pre-exercise conditioning
- Post-exercise relaxation and recovery
- Management of muscle pain, trigger points, contractures

Rehabilitation

- Fractures
- Tendinopathies
- Desmitis
- Bursitis
- Fibrillar breaks



CONTRAINDICATIONS

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

For external use only



Unique 448 kHz
frequency



Over 35 years
of experience



INDIBA®
Academy



Extensive library
of clinical studies



Safe and effective
technology



AH-100

Technology

- Capacitive resistive monopolar radiofrequency
- Fixed and stable 448 kHz output frequency

Hardware

- Size and weight: 39 x 40 x 16 cm; 6 kg
- Input voltage margin 100-240 VAC
- Maximum output power 65 W (RES) mode / 250 VA (CAP mode)

Software

- User interface on 7" high resolution touchscreen
- User-defined working mode
- Predefined protocols
- Personalized protocol programming mode
- WiFi connection
- 1-100% Power control
- Power limitation control
- Modulated signal option
- 1-99 minutes time selection

Accessories included

- Handle for capacitive electrode
- Handle for resistive electrode
- Large return plate and disposable small return plate
- Capacitive electrode Ø 30, 40, 55 mm
- Capacitive electrode 25 mm curve
- Resistive electrode Ø 35, 50, 65 mm
- Remote control

Optional accessories*

- Vet Conductive Gel
- Proionic Vet Lotion
- Welcome pack
- Trolley for device, carrying case

• 2 years of WARRANTY

- **Basic and practical** training included.

*Visit our website for more information on package offers

ONGOING TRAINING AND TECHNICAL ADVICE BY VETERINARIANS



Why use INDIBA® Animal Health?

- Provides an analgesic effect
- Augments the volume and intensity of blood flow in the tissue
- Increases the supply of oxygen and nutrients
- Increases tissue temperature
- Increases cell metabolism
- Controls inflammation
- Normalizes and optimizes cell activity
- Achieves ionic balance
- Cell bio-stimulation*
- Can be used to treat zones traditionally unsuitable for electrotherapy
- Accelerates healing when used to treat the area around a surgical wound
- Passive exercise is possible during the treatment
- Treatment compatible with metal implants

* 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.

Spottorno J, González de Vega C, Buenaventura M, Hernando A. (2017). "Influence of electrodes on the 448 kHz electric currents created by radiofrequency: A finite element study." *Electromagn Biol Med* 36(3): 306-314.

Hernández-Bule ML, Martínez-Botas J, Trillo MA, Paino CL, Ubeda A. Antiadipogenic Effects of Subthermal Electric Stimulation at 448 kHz on Differentiating Human Mesenchymal Stem Cells. *Mol Med Rep*, 2016; 13, (5): 3895-903.

Hernández-Bule ML, Paino CL, Trillo MA, Ubeda A. Electric Stimulation at 448 kHz Promotes Proliferation of Human Mesenchymal Stem Cells. *Cell Physiol Biochem*. 2014;34(5): 1741-55.

USE OF 448 KHZ RADIOFREQUENCY FOR REABSORPTION OF CONTUSIONS

ARENA M. 2019. Centro Veterinario de Rehabilitación e Hidroterapia FISIODOG, León, Spain



Day 1



Day 7

Post-trauma hematoma in a sports grayhound. Complete recovery & return to sport activity in 7 days and after 3 sessions.

TREATMENT OF PAIN ASSOCIATED WITH CANINE OSTEOARTHRITIS WITH RADIO FREQUENCY AT 448 KHZ: COMPARISON OF 5 CLINICAL CASES

ARENA M. 2018. Centro Veterinario de Rehabilitación e Hidroterapia FISIODOG, León, Spain.



Four weeks of treatment, with a total of five sessions. All patients have experienced improvement clinical picture and an increase in ROM between the 10-15% in affected joints.

CAPACITIVE MONOPOLAR RADIO FREQUENCY APPLICATION RESISTIVE AT 448 KHZ IN THE HEALING OF A SKIN WOUND AFTER EXERCISE OF A SOFT TISSUE SARCOMA

López Pérez-Pellón, M./ Lorenzo de Prada, F. Hospital Veterinario Nacho Menes

Post-excision wound of a sarcoma in the elbow, four months old, and that does not heal by conventional methods (flap and closure by second intention). 3 weekly sessions are applied for 4 weeks, resulting in healing complete at the end of treatment.



Week 1



Week 4



FOR MORE INFORMATION

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