THE ULTIMATE TECARTHHERAPY

THE MOST EFFECTIVE

THE EASIEST TO USE

THE SAFEST
TECARTHERAPY
WHAT IS IT AND WHAT BENEFITS DOES IT OFFER?

CONTACT DIATHERMY – more commonly known as TECARTHERAPY – is a medical practice that applies radiofrequency to biological tissue with a frequency ranging from 300 kHz to 1 MHz without generating muscle contraction. The position of the electrodes on the body determines the current path, thereby ensuring a deep, targeted, comfortable application that is also easy to control and manage.

The heat-induced vasodilation increases the exchange of substances promoting the drainage of the inflamed area and the influx of reparative cells.

Tecartherapy is based on the use of an electromedical device that uses high-frequency currents for the

CHEMICAL | THERMAL | MECHANICAL

biostimulation of tissues with different resistivity.

Physiotherapy, rehabilitation, and pain management are the fields that most use the beneficial effects of tecartherapy.

- Bruises and sprains
- Post-surgery rehabilitation
- Sports traumas
- Muscle and tendon disorders
- Cicatricial outcomes
- Spine and peripheral joint disorders
- Vascular and lymphatic system disorders
- Orthopaedic disorders of the peripheral nervous system
- Pelvic floor rehabilitation

Tecartherapy units are the most widespread medical devices in physiotherapy centres across Italy and Spain. They are often the first piece of equipment to be bought.

THE NUMBER OF UNITS IS GROWING ALL OVER THE WORLD!
# Tecartherapy Versus Other Electromedical Devices

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<th>LASER HP</th>
<th>SHOCKWAVE</th>
<th>TECARTHERAPY</th>
<th>FISIOWARM 7.0</th>
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<td><strong>ACUTE PHASE</strong></td>
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<td><strong>CHRONIC PHASE</strong></td>
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The new Fisiowarm 7.0 features allow the therapy to adapt perfectly to the patient:

- **THE MOST EFFECTIVE**
  - Choose the best frequency for your treatment in a range from 300 kHz to 1 MHz in steps of 1 kHz.
  - Fisiowarm 7.0 ensures the highest performance with infinite treatment.
  - **MULTIEMISSION** Continuous, sensitive, 4 heat-free levels.
  - **ACCESSORIES** In addition to the traditional unipolar electrodes, there are 8 NEW SERIES OF INNOVATIVE ACCESSORIES to reach any anatomical region.
  - A REVOLUTIONARY USER EXPERIENCE: a user-friendly iOS app for iPads you can update through the Play Store guides you through a natural, obstacle-free path to easily interact with Fisiowarm.

- **THE MOST COMPLETE**
  - Limited management of the depth of the treatment (only one or a limited range of frequencies)
  - Difficult to manage some anatomical regions due to the limited range of applicators
  - Difficult to choose the right protocol/approach for a disorder

- **THE SAFEST**
  - Not effective in the acute phase due to the thermal effect of traditional tecartherapy devices.
  - Difficult to choose the right protocol/approach for a disorder
  - Operator’s exposure to unwanted electromagnetic fields
  - Risk of burns and electric shock

**FISIOWARM 7.0 IS THE MOST ADVANCED AND EFFECTIVE UNIT ON THE MARKET FOR TREATING OSTEOARTICULAR AND PERIPHERAL NERVOUS SYSTEM DISORDERS.**
THE MOST EFFECTIVE

FREQUENCY
ON DEMAND
In physics, amplitude, frequency, and waveform are the main parameters that describe the characteristics of a wave-like electrical signal.

The early diathermy technologies only allowed for sine waveforms, which were, in fact, the most widely used waveforms in tecartherapy for many years.

Now, increasingly modern and efficient circuits have made it possible to easily vary the waveform, frequency, and amplitude to adapt to various types of treatment.

Today, the AAW technology allows Fisiowarm® 7.0 to generate a self-adaptive wave. The signal adapts continuously and automatically based on the patient’s impedance and the parameters set by the operator.

THE AAW WAVEFORM In electrotherapy, the waveform of a signal characterises its behaviour.

Fisiowarm 7.0 shapes the output waveform optimising its behaviour based on the treatment and the set output level:

**Low voltage**
Fisiowarm 7.0 sets a waveform focusing on the power level (biostimulation) rather than the energy level (thermal effect), which is reduced to less than half the nominal level. Moreover, at low output levels, a special filter adapts the harmonic spectrum of the signal based on the patient’s impedance, thereby increasing its effectiveness.

**High voltage**
As the output level grows, Fisiowarm 7.0 changes the waveform increasing the thermal efficiency compared to the power level, thereby ensuring greater comfort and safety despite conveying increasing amounts of energy.
Reducing the effect of heat and increasing that of electrical stimulation to intervene even in the ACUTE PHASE.

HIGH POWER WITHOUT INCREASING THE TEMPERATURE

The SUPERPULSED feature is now available for tecartherapy.

The only system that makes it possible to treat patients in the acute phase by transferring high-frequency energy.

The high-intensity micropulses it generates indicate that there is a negligible increase in thermal energy in the treated area.

The output signal is modulated by activating of short, high-energy pulse trains thousands of times per second on a zero energy base.

The duration of the pulse trains can be 5 to 10 times lower than the total emission time, depending on the treatment, which means a 5 to 10 times lower thermal power given the same level of voltage applied.
For the first time, a tecartherapy unit allows you to select the most suitable frequency for your treatment in a range from 300 KHz and 1 MHz in steps of 1 KHz.

This way, you can choose precisely the depth at which the energy is released and increase or reduce the depth of the treatment. You can also set a preselected value that suggests the ones you use more frequently, as well as the frequencies shown in publications and clinical evidence.

**This means that the frequency range can meet any possible requirement**
THE MOST COMPLETE

28 ACCESSORIES
THE ULTIMATE USER EXPERIENCE

For the first time, an app controls and communicates with the device to simplify and enrich human-machine interactions. This way, the user can enjoy a truly dynamic experience and is free to move, thanks to the remote Bluetooth control.

With YURI you have:

1. All the work parameters at a glance on your iPad, which you can place wherever is more comfortable for you
2. Preset protocols to fully exploit the equipment’s potential and the vast range of accessories to treat the various disorders
3. Advanced treatment modes
4. Patient feedback and charts for an intuitive overview of the quality of the treatment
5. Patient record software and progress monitoring

For a superb treatment experience!

• It reduces distraction
• It improves patient compliance

Fisiowarm 7.0 and Yuri, together with the latest technology available for iPad, ensure an extraordinary user experience.
28 ACCESSORIES to cover the full range of applications (musculoskeletal, aesthetic, and pelvic floor disorders):

- UNIPOLAR
- BIPOLAR
- MYOFASCIAL
- INTIMITY
- PHYSIOAESTHETICS
- NEUTRO DINAMICO
- TRIGGER POINT
- STATIC AUTOMATIC

FASCIAL FULL
AESTHETIC
INTIMITY
CAPACITIVE BIPOLAR
RESISTIVE BIPOLAR
THE SAFEST

SAFE®
SHIELD AND FLOATING EQUIPMENT

LOW VOLTAGE CAPACITIVE

Fisiowarm® 7.0 - The Ultimate Tecartherapy
A more focused signal for better performance and compliance the output signal is automatically modulated.

Constantly Floating Patient Circuit.

Low-voltage capacitive electrodes with highly conductive and biocompatible Gold (1 micron) with circuits designed for different contact areas.

Fully shielded electronics and special manufacturing technology to limit the “aerial effect”.

Special cables specifically made to shield the signal, last over time, and maintain their shape and elasticity.

Radiofrequency dispersion to the bare minimum

As a result, Fisiowarm 7.0 has passed all the most stringent tests and is classified as Class B for radiated and conducted emissions according to the EN 60601-1-2 standard, which means that it can be used even in non-professional settings.
70 years after launching our first diathermy solution, we have developed the most technologically advanced and therapeutically effective system on the market for the treatment of osteoarticular and central nervous system conditions.

WE ARE SO SURE ABOUT ITS QUALITY THAT WE OFFER A LIFETIME WARRANTY
WIDE RANGE OF TREATMENTS FROM ACUTE TO CHRONIC
THERAPEUTIC INTEGRATION
FROM SPORTS REHAB TO MANUAL THERAPY AND OSTEOPATHY
NATIONAL SPORTS FEDERATIONS AND PROFESSIONAL ATHLETES TRUST FISIOWARM FOR THEIR TREATMENTS

After all, dynamism and effectiveness are essential for anyone whose main goal is a successful result.
<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>FISIOWARM 7.0 300</th>
<th>FISIOWARM 7.0 400</th>
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<tbody>
<tr>
<td>INTERFACE</td>
<td>- Fisiowarm iPad App (included)</td>
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<td>- OLED display and rotary encoder with multi-function button</td>
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<tr>
<td>NOMINAL POWER</td>
<td>300 Watts</td>
<td>400 Watts</td>
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| OPERATING FREQUENCY | 300, 500 kHz, 1MHz                                                                 | Free manual setting of values ranging from 300 kHz to 1 MHz.  
|              |                                                                                 | Preset frequencies: 300, 400, 450, 500 kHz, 1MHz AUTO (automated scanning of the preset frequencies) |
| EMISSION     | Continuous                                                                      | Continuous                                                                      |
|              | Sensitive                                                                       | Sensitive                                                                       |
|              | Athermia level 1                                                                | Athermia 1/2/3                                                                  |
|              |                                                                                 | Superpulsed                                                                     |
| OPERATING MODE | Unipolar                                                                       | Unipolar                                                                        |
|              | Bipolar                                                                         | Bipolar                                                                         |
|              | Neutro Dinamico                                                                 | Neutro Dinamico                                                                 |
|              | Static Automatic                                                                | Static Automatic                                                                |
| ACCESSORIES INCLUDED | Unipolar electrode kit (cap+res)                                                | Unipolar electrode kit (cap+res)                                                |
|              | Bipolar electrode kit (cap+res)                                                  | Bipolar electrode kit (cap+res)                                                 |
|              | Trolley with 2 shelves, one of which is heated                                   | Trolley with 2 drawers, one of which is heated                                   |
| COMPATIBLE ACCESSORIES | The whole range                                                                 | The whole range                                                                 |
| ENERGY TRANSFER | Capacitive                                                                      | Capacitive                                                                      |
|              | Resistive                                                                       | Resistive                                                                       |
| PRESET PROGRAMS | 56 guidelines that can be integrated into the new releases of the app and advanced modes | 56 guidelines that can be integrated into the new releases of the app and advanced modes |
Golden Star’s 15 years of experience in tecartherapy and over 70 years of history have led to the best product on the market.

After years of continuous innovation, we are the only ones who have actually surpassed ourselves leaving the competition behind.

We have done so using the most advanced technology, the best products available, and ensuring maximum interaction with physiotherapists to create new accessories and new applications.

Fisiowarm 7.0 is more than just an extraordinary device. It’s everything that you have ever wanted in a tecartherapy unit and didn’t think it was possible. All this with a beautiful design that makes the difference.

Fisiowarm 7.0 ensures the ultimate tecartherapy experience because we believe that it can’t get much better than this!