

# 100x FASTER

AN INNOVATIVE AND TECHNOLOGICAL SOLUTION  
THAT GUARANTEES QUICK AND EFFECTIVE  
THERAPEUTIC TREATMENT



U.S. SASSUOLO  
CALCIO



TECHNICAL SUPPLIER  
MEDICAL EQUIPMENT

A.C. MILAN



PALLACANESTRO  
OLIMPIA MILANO

CERC® is designed and manufactured to the highest standards of quality and it has been awarded CE certification

WEIGHT kg 8  
DIMENSIONS W 39 cm - H 26 cm - D 44 cm

DESIGN AND PRODUCTION  
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ANIMATED VIDEO

# CERC®

COMPACT

## ATHERMAL EFFECTIVE PAIN-FREE

NO MEDICAL SUPERVISION  
REQUIRED

Designed to speed up  
the healing process in just few sessions



# CERC® THERAPY

## CONTROLLED ELECTROMAGNETIC RESONANT CIRCUIT

CERC® is a medical device based on electromagnetic fields managed by software. The device uses a system of self-calibration to determine the characteristic impedance from biological tissue and to modify the electromagnetic field used. The CERC® system uses special emitters to resonate with the area being treated, to focus the energy used and to avoid dispersion. The device's main innovative technologies include high concentration of the electromagnetic field's energy on the specific body part and its ability to self-recalibrate resonance, using a particular algorithm, to ensure maximum efficacy of the treatment.

## ADVANCED MEDICAL TECHNOLOGY

## THE BENEFITS

The effects of electromagnetic fields are quite complex and differ greatly depending on the tissue to be treated. The effects obtained also depend on the frequency, intensity and length of the single impulses and the way in which they are supplied. In any case, these effects have proven to be beneficial on biological tissue, to heal injuries and consequently rebalance

membranes. Scientific studies have highlighted that the most obvious effect of the electromagnetic field is its ability to reduce intercellular edema, as well as reduce inflammation. This anti-inflammatory effect and the ability to improve cellular tropism justify the use of electromagnetic fields in the majority of pathologies involving the loco-motor system.

## PATHOLOGIES TREATED

### MAIN APPLICATIONS

- HEALS **ARTHRISIS**
- REDUCES **INFLAMMATORY CONDITIONS**
- ENCOURAGES **TISSUE REGENERATION**
- SPEEDS UP **BONE CONSOLIDATION** AFTER FRACTURE
- ENCOURAGES HEALING OF **BONE NECROSIS**

### OTHER APPLICATIONS

- IMPROVES **CAPILLARY FLOW** AND ENCOURAGES RESORPTION OF **OEDEMA**
- HEALS **TENDINITIS, EPICONDYLITIS AND BURSITIS**
- HEALS **MUSCULAR LESIONS (ATHERMAL)**
- REPAIRS **NERVE DAMAGE**
- TREATS **CERVICALGIA, DORSALGIA, LOWER BACK PAIN AND SCIATICA**
- STIMULATES REPAIR OF **DECUBITUS ULCERS**

