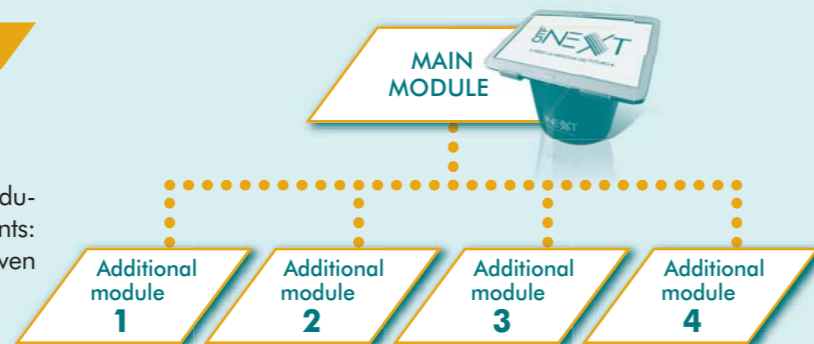


A MODULAR, EXPANDABLE SYSTEM THAT CAN BE ADAPTED TO THE OPERATOR'S NEEDS

CMF® NEXT basic configuration programs

- swelling reduction
- inflammation reduction
- bone regeneration
- musculoskeletal pain
- antibacterial
- oxidative stress

The basic configuration can be developed and expanded modularly according to the user's changing needs and requirements: additional packages can be purchased at a later date or even hired for short time periods.



Available packages

FISIO-PLUS

- neuropathic pain
- fibromyalgia
- chronic arthritis
- unconsolidated fractures
- psychosomatic pain

REGENERATION

- CNS nerve regeneration
- PNS nerve regeneration
- collagen regeneration
- tissue regeneration
- difficult wounds
- osteonecrosis and BRONJ

DENTISTRY

- neurological pain
- tissue regeneration
- TMJ
- BRONJ
- nerve regeneration

ORTHOPAEDICS

- post-surgical pain
- muscle regeneration
- tendon regeneration
- nerve regeneration
- cartilage regeneration
- collagen regeneration

SPORTS MEDICINE 1

- neuropathic pain
- joint pain
- bone oedema
- jet lag

SPORTS MEDICINE 2

- muscle regeneration
- nerve regeneration
- cartilage regeneration
- tissue regeneration
- tendon regeneration

DERMATOLOGY

- psoriasis
- dermatitis
- general drainage
- trophic ulcers
- eczema
- acne
- skin regeneration

COSMETIC MEDICINE

- metabolic
- anti-cellulite
- connective tissue densification
- general drainage
- anti-ageing
- tissue regeneration
- detox

SPECIFICATIONS

- Power supply:** mains
- Voltage:** 230 V ~ 50-60 Hz
- Power:** 50 VA max
- Fuses:** these are built in and cannot be replaced by the user.
- Power cable:** separable 3x0,75 mm² ~ length 1,80 m
- Dimensions:** 19x16,5x12,5 cm
- Weight:** 4,7 kg

UNI EN ISO 9001 and UNI EN ISO 13485 certified corporate management system



M.F.I. Medicina Fisica Integrata S.r.l.
Via degli Aldobrandeschi, 47
00163 Roma (Italy)
Tel. +39 06 84388650
info@mfisrl.com
www.mfisrl.com/next

NOW A TAP IS ALL IT TAKES

TO GO IN THE FUTURE OF MEDICINE

CMF® proudly presents **NEXT**,
the natural evolution of the species.



www.mfisrl.com/NEXT

STATE-OF-THE-ART TECHNOLOGY FOR MAXIMUM EASE OF USE

CMF® NEXXT is the natural evolution of CMF®, an electronic device designed to transfer very precise packages of bioactive information to biological tissues to activate self-healing processes.

Multi-frequency magnetolectric fields with variable intensity, frequency, action time and waveform are applied by exploiting the positive properties of magnetic induction with the aid of a dedicated device:

- an **intensive applicator tip** to be used by an operator when treating acute conditions;
- an **automated intensive applicator**;
- a **magnetic mat**, with embedded transducers that the patient lies on for total body treatments.

CMF® NEXXT comes with several machine programs, each with a specific function featuring:

- very low generated magnetic field intensity, varying from 0.1 to 1 Gauss at source, i.e. the same order of magnitude as the earth's magnetic field;

- frequency variable from 1 to 250 Hz;
- periodic, adjustable pause times;
- various individually selectable multi-harmonic complex multifrequency waveforms.

Waveform generation, programmed parameter control and function management are performed with the aid of sophisticated microprocessor technology using a patented harmonic and information generation system.



Absolutely heat-free waves

No side effects

Protocol management via the Internet

Compact and easily transportable

Bluetooth control

Can even be used with metal prostheses and plaster casts

CMF® TECHNOLOGY BASED ON CUTTING-EDGE, BENCHMARK MOLECULAR BIOLOGY STUDIES

EFFECTIVE IN PAIN TREATMENT AND REGENERATIVE MEDICINE

Dozens of scientific studies have demonstrated how multifrequency complex magnetic fields with low and ultra-low-frequency and intensity can activate a set of chemical and physical signals and thus trigger a set of functions known generally as Reparative Morphogenesis (RM). This repair system includes three fundamental events: molecular, cellular and tissue repair.

MOLECULAR REPAIR

Just as the first step when restoring a house is to repair or replace the damaged bricks, the first step in healing is to activate a mechanism to repair the building blocks of our body systems, i.e. proteins. Some proteins, known as Heat Shock Proteins (HSP), are capable of repairing other proteins; it has been widely proven that magnetolectric radiation increases HSP gene⁽¹⁾ expression and this is the process at the basis of the CMF® NEXXT regeneration programs.

CELL REPAIR

Complex magnetic fields act on membrane proteins repair processes to restore cellular homeostasis by recreating normal transmembrane potentials. This process is much faster than physiological healing.

(1) "Le Basi Epistemologiche del Sistema Informativo Biologico" (The Epistemological Bases of the Biological Information System) (F. Crescentini)

TISSUE REPAIR

Tissue repair is a combination of molecular and cellular repair processes as well as mechanisms linked to intercellular information transfer. This new reparative morphogenesis procedure contains information on all the constituents (building blocks) to be repaired and the repair pathways. It has been shown that complex magnetic fields can accelerate enzymatic kinetics in reparative morphogenesis, thus **considerably reducing regeneration times**.

Other very important actions of complex magnetic fields include pain relief and swelling reduction together with anti-inflammatory and bacteriostatic effects.

The **pain-relieving** action comes about by modulating pain neurotransmitters to achieve a morphine-like effect that **reduces pain by about 50-70% reduction in just 2/3 sessions**.

The **swelling reduction** effect is essentially achieved by modulating cellular and extracellular water flow through specific actions on aquaporins. The **anti-inflammatory** effect is achieved by modulating pro-inflammatory cytokines, increasing anti-inflammatory cytokines and restoring membrane Ca-ATPase activity. The **antibacterial** effect is brought about by inhibiting colony replication capacity.

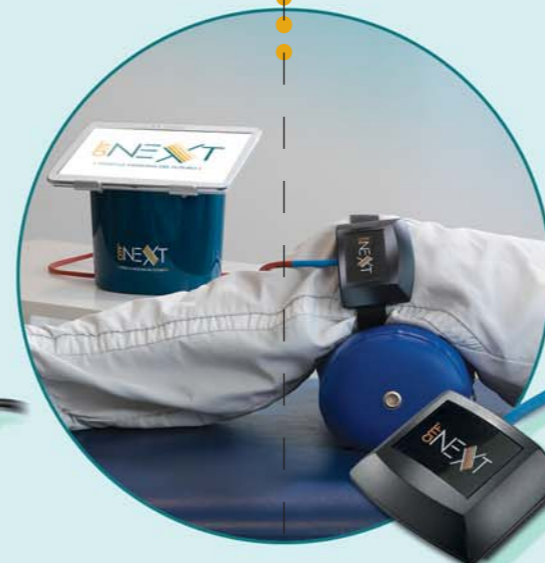
TREATING PATIENTS IS SIMPLER AND MORE EFFECTIVE WITH CMF® NEXXT

Programs and accessories are managed using a dedicated tablet via Bluetooth.

Patients are treated fully clothed, thus shortening session times.



Intensive applicator tip



Automated intensive applicator



Magnetic mat



Field detector

Option of automated treatment or treatment by an operator

Option of setting up protocols specific to individual conditions that can be activated in a sequence, manually or automatically

Management of patient data for analytical purposes