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The device complies with the Medical Device Directive 93/42/EEC and its revised version.

The device complies with the standard IEC 60601-1 - for the basic safety and essential performance of Medical electrical equipment.

The device complies with the standard IEC 60601-1-11 for the Medical electrical equipment used in the home healthcare environment.



# BIOSTIM<sup>®</sup>

Free to recover



  
CLINICAL BIOPHYSICS

# Our usual efficacy right at hand

## Focused osteogenetic signal

The use of **coils specifically** dedicated to the different skeletal segments ensures a constant and correct focalization of the biophysical signal.



## Treatment protocol

clinical indications	hours per day	therapy duration days
fresh fractures	6-8	30-60
osteotomies	6-8	45-90
delayed unions	6-8	45-90
non-unions	6-8	60-90

## Clinical evidence

### RISK FRACTURE

MALE, 23 YEARS OLD  
Fracture of the radius.  
Osteosynthesis.

1. Follow-up 1 month, **BIOSTIM** therapy start.
2. Follow-up 4 month, **BIOSTIM** therapy end.



### DELAYED UNION

FEMALE, 11 YEARS OLD  
Fracture of the omerus.  
Osteosynthesis.

1. Follow-up 3 month, **BIOSTIM** therapy start.
2. Follow-up 6 month, **BIOSTIM** therapy end.

# BIOSTIM<sup>®</sup>

PATENTED

## Signal

The biophysical signal delivered by Biostim, a unique combination of electrical parameters (amplitude, frequency, wave shape), dosage and administration modality, is effectively promoting the osteogenetic process.

## Dosage

Similarly to what happens with drugs, the osteogenetic effect depends on the biophysical signal dosage (daily hours and days of therapy).

## Efficacy

The efficacy is granted by keeping, in the fracture site, a specific osteogenetic signal for the whole therapy duration.

## Safety

To grant efficacy and safety and in conformity to the CEI EN 60601-1-11 Directives, the therapy parameters are preset according to the pathology and can not, even accidentally, be modified by the patient.



Actual size image



» NEW COILS DEDICATED TO THE SKELETAL SEGMENT TO BE TREATED «



### NON-UNION

FEMALE, 50 YEARS OLD  
Tibial plate fracture.  
Osteosynthesis.

1. Follow-up 6 month, **BIOSTIM** therapy start.
2. Follow-up 9 month, **BIOSTIM** therapy end.

