

Why Seqex?

TO IMPROVE QUALITY OF LIFE

Traumas, chronic inflammation, oedemas, and pain of the musculoskeletal system and tendons can cause stress, alter the sleep cycle, and hinder everyday activity.

An adequate response to these symptoms requires a means capable of improving cellular function and promoting regenerative mechanisms without inducing undesirable side-effects.

Seqex is an innovative and safe medical device

What you feel

People who undergo treatment describe it as an **interval of pleasant relaxation.**

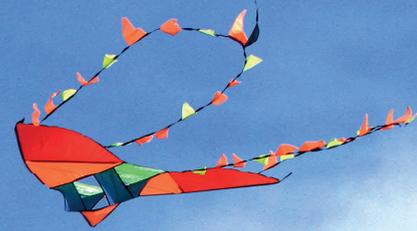
It does not generate any heat and so treatment can be administered even in the presence of plaster casts or metal prostheses. With the exception of rare and transient recurrence of acute symptoms, no negative effects are known for the application of ion cyclotron resonance treatment.

How to get treatment

Seqex devices are available at various centres in Italy where an expert doctor can be consulted and treatment administered.

For those who require home therapy it is possible to buy or rent a device.

In compliance with the regulations of the Italian Ministry of Health regarding advertising of medical devices, the contents of this document are intended solely for medical personnel. The description of products is intended purely for informative purposes and is not intended for the promotion of the same.



Seqex is an Italian technology patented in the EU and USA, designed and manufactured entirely in Italy by:

S.I.S.T.E.M.I. srl a s.u.

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Production, sales, renting, and direct assistance



Seqex devices are manufactured in compliance with the CEI EN 60601-1 standard regarding the safety and required performance of electromedical devices, and they are approved according to the Medical Devices Directive 93/42/CE and s.m.i. Medical Devices.



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Company with certified Quality Management System



Technology for wellness



Seqex is manufactured by SISTEMI srl electromedical technologies

TREATMENT

The Seqex therapeutic system comes in two versions: the first is the Seqex Med for professional use, the second the Seqex Fam for home use. They are approved CE 92/43 for the treatment of disorders of the muscular and skeletal system, including for example:

- fractures and delayed bone consolidation
- arthrosis
- osteoporosis
- lumbosciatica
- arthritis
- tendinitis
- local and generalized pain
- inflammatory disorders

Ever more innovative

Continuous research in materials, applied technologies, and the exchange of experience and information with doctors and users have enabled SISTEMI to optimize treatment as regards device construction and improved methods of use, as well as providing courses and seminars for professionals (info at www.seqex.it).

The home device Seqex Fam has 10 memory slots for storing programs, rewritable at any time using the smart cards.



SEQEX IN TWO STAGES

The Seqex system consists of a control unit connected to a treatment mat designed to administer a low frequency electromagnetic field to the whole body.

Treatment is in two stages.

Customization test conducted by a medical professional using a Med

- 1**
 - The patient lies on a Seqex mat connected to a professional Seqex Med device
 - The device runs a test to identify the most effective frequencies
 - The results are recorded on a personal card

Treatment sessions

- 2**
 - The program memorized previously on the personal card is administered by a **Seqex Fam or Seqex Med**
 - The patient lies down on the mat normally dressed and the treatment program is started

Treatment session last half an hour on average. During this time the mat emits an extremely low frequency and low intensity electromagnetic field, which gives a pleasant and relaxing sensation. The duration of therapy, frequency for updating personal cards, and frequency of treatment sessions varies according to the medical indications.

A whole body treatment

Even when symptoms are localized the entire organism is affected. When lying on the treatment mat the patient is completely immersed in the electromagnetic field. This form of application permits simultaneous targeted treatment of the area of the symptoms, together with the whole body. When treatment of specific points is indicated, it is possible to use special accessories to increase the local therapeutic effect.

The photo on the left shows a Seqex Fam with the standard accessories.

ION RESONANCE

The electromagnetic phenomenon known as "ion resonance" has been known to mainstream physics since the early 1900s.

The first observations of its biological effects were described in the 1970s by the researchers **W.R. Adey and Carl Blackman**.

Since 1984 the American biophysicist, **Abraham R. Liboff** has carried out a number of experiments on cell cultures.

These studies have demonstrated that the application of ion resonance enhances the transit of key biological ions like calcium, potassium, manganese, etc. through cell membranes. This can promote regulation of cell metabolism with consequent improvement of organic physiology.

Since 1987 the American FDA has authorized the use of ion resonance for the promotion of bone regeneration in cases of delayed consolidation of fractures and in certain diseases of the spinal column.

Based on Liboff's studies, in 1999 S.I.S.T.E.M.I. created the first device for customized ion resonance therapy.

More information about the effects of ion resonance is available at the website of the Italian Society for Biophysical Electrodynamics: www.sibeonline.com.