

Lámpara 1003



Our 1003 lamp generates proximal infrared rays with visible light, with a wavelength range of 0.76-5um, a short wave with a depth of 5~10mm.

Infrared rays act through the wavelength. The longer the wavelength, the higher the beneficial heat absorption at surface level. And the shorter the wavelength, the greater the penetration capacity of the rays.

Its use is mainly at a therapeutic level, to generate a deep heat effect, which penetrates the skin and produces an increase in circulation, repair and oxygenation of the tissues.

The treatment with this type of wave is non-invasive, analgesic, pleasurable and relaxing, used mainly in the treatment of muscular pain, circulation and tension.

The recommendations for use are as follows:

- The patient should be in a comfortable and calm position.
- The area to be treated should be exposed, without clothes, clean and dry, without any product or cream and very important not to have metallic objects.
- Eyes should be kept closed during treatment to protect eyesight and to avoid dry eyes or burns.
- The light must fall directly on the area to be treated, forming a right angle that allows a greater absorption of the energy, fix the lamp well and take precautions to avoid accidents.
- You must be in constant communication with the client, make an exhaustive evaluation of the area to be treated and the skin, and pay attention to the reaction to the exposure to the rays.
- To avoid risks, it is recommended to regulate the intensity from less to more, and to start with a low power and prolong the time.
- Place the lamp approximately 1 metre away from the skin, directing the rays towards the affected area, the rest of the areas can be covered so that they are not exposed to the light.
- The recommended time is 5 to 15 minutes with a maximum use of 30 minutes depending on the type of treatment and the condition, the heat should be felt in the first 5 minutes, otherwise the distance of the lamp should be adjusted, the number of sessions will depend on the evaluation of the professional.
- This type of equipment must be used by qualified personnel, as radiation emission may cause damage to the eyes or skin. The main precaution is to respect the distance and time indicated above and not to prolong it more than recommended, as this may cause burns.

Indications:

- Rheumatoid arthritis
- Adhesive capsulitis
- Skin healing in moist areas
- Improvement of subcutaneous circulation
- Neck, shoulder or upper back pain
- Arterial occlusive disease
- Muscle spasms and contractures
- Lumbosciatica
- Neuritis and neuralgia
- Osteoarthritis of the knee
- Osteoarthrosis
- Reduction of muscle tension or relaxation
- Tendinosis
- Muscle tension due to sports training

Contraindications:

- During pregnancy
- Prolonged exposure to the eyes
- Patients with peripheral circulation disturbances
- Patients with fever or acute inflammation
- Patients with pacemakers
- Patients with menstrual periods
- Patients with knee or hip replacement, or metal implants
- Decompensated patients with cardiovascular diseases
- Patients suffering from hypotension
- Patients who have recently suffered haemorrhages
- Patients using photosensitive medications
- Take special care if used in children.



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