

# LASER ASSISTED MEDICAL THERAPY

Spectrum is the latest innovation in the multi-laser technology with therapeutic diode, characterized by the possibility to apply two wavelengths at choice selecting from the range 808nm, 940nm, 980nm and 1064nm, selected separately or in Dual Boost combined mode, in order to guarantee the best dose dependent effect for the painful pathology during the metabolic, antiphlogistic, analgesic, scaring, anti-edema and vascularizing processes.



## APPLICATIONS

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### PHOTOBIO-MODULATION

Antiedemic action to improve the hemolymph flow (traumatic edemas). Antalgic action to increase the endorphin production, to inhibit the prostaglandin and improve the membrane exchanges, rising the pain threshold.

### PHOTO INHIBITION

High energy inhibitory action that reduces the vascular and endothelial growth factors of the hypertrophic and keloid lesions.

### TRAUMATOLOGY

Ecchymosis, hematomas, sprains, twists, bursitis and epicondylitis.

### GENERAL OSTEOARTICULAR PATHOLOGIES

Backache, lumbago, periarthrosis humeroscapularis, tendinitis and myositis.

### WOUND HEALING

The properties of infrared laser on photobiomodulation of the difficult wounds and lesions have been recognized for years. (for further details, see Flebolasersystem information sheet).

## ADVANTAGES

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The use of high power multilaser sources allows the radiation, in depth, of a high energetic density on the tissues to be healed. The greatest positive effect is represented by the reduction of the treatment time and the immediate result obtained by the patients who suffer from post-traumatic pain or different types of inflammations.

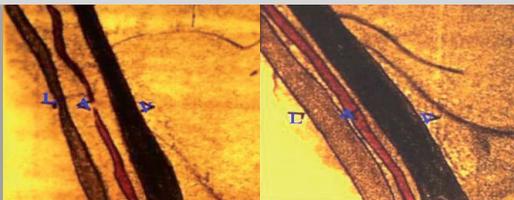
The high power immediately increases some cellular activities with an anti-inflammatory, analgesic, regenerative effect on the connective tissues and biomodulating effect.

- Reduction of the healing time.
- Rapid absorption of hematomas.
- Stimulation of the endothelial proliferation.
- Better granulation of the wounds.
- Painless treatment.
- In the case of osteoarticular pathologies, a pain decrease can be noticed a few minutes after the treatment.

**SAFE, EFFECTIVE, PROFITABLE.**

## CLINICAL RESULTS

**VASCULARIZING AND LYMPHATIC DRAINAGE EFFECT**  
of the LLLT at capillary level - Before / After  
Lievens P.  
(Longo L., 1988 )



**CERVICAL PAIN**



**EPICONDYLITIS**



## ACCESSORIES



### MULTI-THERAPY HANDPIECE

Allows the radiation of large areas, reducing the duration of the therapy in comparison with the low power laser therapy sessions. Spot size 40mm.



### MULTI-THERAPY FLAT HANDPIECE

For photobiomodulation and cosmetic applications on small areas. It is enhanced with a flat wave that allows the clinician to keep the laser beam always focused from 0 to 30cm distance. Available in a range of diameters: 5, 10 and 20mm.