

Mediclase

healing by light

- > Improved patient care
- > Efficient clinical results
- > Enhanced surgical techniques
- > Therapeutic modalities
- > Application training on site
- > Workshops participation

Why Dione 5 Laser?

The Dione 5 is a surgical and therapy device, which combines low-level pulse radiation, and other radiations with surgical therapeutic modalities, providing synergic therapeutic effects. Incorporating these radiances in one apparatus, the Dione 5 achieves rapid and efficient clinical results within a relatively short time.

Since the Dione 5 (980nm) wavelength penetrates the tissue in (<300 microns), there is no need to carbonize the tip of the optical fiber, and the result, is a clean, efficient cutting, in a virtually bloodless field with no char layer.

Mediclase is devoted to improve patient care, safety and clinical efficiency by assisting medical professionals in their efforts to stay abreast of changes in technology and medical practice.

The low level hand piece

Relieves pain and accelerates recovery following dental surgery

- Improves blood microcirculation
- Reduces inflammation
- Enhances regeneration of cells
- Accelerates growth of bone mass

Dione5

Synergic therapy



Surgical Therapy



low level hand piece

Benefits Low Level Therapy

- > Non-Invasive treatment
- > Painless with no side-effects
- > Safe and easy to use
- > accelerating recovery of the gum tissue
- > increases the success rate of dental implants and bone grafts
- > accelerating the growth of the bone around the implant
- > accelerating fusion following bone grafts
- > reducing chances of infection

Benefits Surgical Therapy

- > Clear and Dry Operative Field
- > Highly Sterile Surgery
- > No Noise and Vibration Associated with Dental Drills.
- > Accurate Incisions, Excisions and Vaporization
- > Reduced Blood Loss
- > Less Effect on Underlying Structures.
- > Minimized Edema and Reduced Need for Anesthesia and Sutures
- > Decreased Per and Post-Operative Pain
- > Reduced Post-Op Swelling and Scarring

Soft tissue Applications:

Gingivectomy
 Gingivoplasty
 Frenectomy
 Sulcular debridement
 Incision and drainage of abscess
 Oral lesion removal
 Biopsy

Aphthous ulcers
 Fibroma removal
 Papilloma removal
 Operculectomy
 Aphthous ulcers
 Pulpotomy as adjunct to root canal therapy



Technical Data:

Model	Dione 5
Laser Type	Diode Laser
Wavelength	810 or 980nm +/- 10 nm
Power output	1-5 watts
Cooling	Air cooled
Operation Mode	CW, Pulsed, Repeat.
Pulse Duration	5-500 ms
Optical Fibers	2005m - 6005m
Aiming beam	635 nm
Input	120/240 VAC, 50/60Hz, 2A
Dimensions	41 x 33x 20 cm
Weight	7 Kg



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