

## FRAXIS LASER ILOODA – Dr Naouri settings and treatment parameters

### Use in pulsed mode (surgical mode)

- **Epidermal lesions** (seborrheic keratoses, solar lentigines, verrucous papillomas of the eyelids, genital warts, ruby angioma...): pulsed mode (50 on, 50 off), 0.5 to 2W power, defocused 1-3 cm 1-3 pass, wet compresses (saline or aqueous chlorhexidine) between each pass, end point: the disappearance of the lesion - Possibility to use EMLA topical cream only.
- **Dermal lesions** (xanthelasmas, syringomas, sebaceous adenoma): pulsed mode (50 on, 50 off), 3 to 5W power, defocused 1-3 cm 1-10 passages, end point: destruction of the lesion for xanthelasma, visualization of muscle - local anesthesia necessary.
- **Resistant warts**: pulsed mode (100 on, 100 off, 5 to 10W power defocused at 1-3 cm, 5 to 10 passages, end point: viewing dermoglyphes or total destruction of the lesion
- **Laser incisions** (cysts, resection in patients with antiplatelet or anticoagulant) pulsed mode (50 on, 50 off), 5 to 10W power, focused (handpiece 0.1mm)

### Use in Fractional mode (scanner mode)

Can be used for treating scars (acne scars, atrophic scars, burn scar ...), skinrejuvenation (periorbital laxity, neck and hands skin laxity), stretch marks, skin tone improvement, MAL cream penetration in dynamic phototherapy....

- **Fractional Microdermabrasion** (soft shallow treatment): 17.5 to 35mJ (0.5 to 1ms) 0.6 to 0.7mm spacing
- **Fractional Remodeling** (deep treatment): 70 to 105mJ (2 to 3ms) 0.8 to 1mm spacing

Possibility to process the treatment in two passes:

First pass close spacing (high density) between dots and low energy on specific lesions as scars or wrinkles to enhance the dermabrasion effect,  
Second pass high energy and large spacing (low density) over the entire area to enhance the remodeling effect.

### **For the following specific areas (1 pass):**

- Periorbital area  
35mJ (1ms) 0.7 to 1mm spacing
- Neck and hands  
35 to 70mJ (1 to 2ms) 0.7 to 1mm spacing

**Follow up and post treatment :** Crusts 5-7 days, redness 10-30 days (make up from 7th day) -> Allow 7 days of downtime

"I use the Fraxis laser with great satisfaction both in medical dermatology and aesthetic. It is a powerful CO2 laser, efficient and versatile. Its RF excited tube provides a high quality laser beam and longer laser tube life. In fractional mode, it has the smallest microspot size of the market, allowing better tolerated treatments and a greater depth of penetration of its beam. "

*Dr. Michael NAOURI*

*Member of the Scientific Committee of the Laser Group of French Dermatologic Society (SFD)*

*Expert member of the Group of Aesthetic and Corrective Dermatology of the SFD*

*Faculty member of International Master Course on Ageing Skin (IMCAS)*



# Treatment Quick-Reference Guide for Fraxis

Indication	Acne scar		Burn scar		Traumatic scar		Strech mark
	MAN	WOMAN	MAN	WOMAN	MAN	WOMAN	WOMAN
Duration (us)	400	360	300	260	300	260	500
Overlap (th)	2	2	2	2	2	2	1
Distance (mm)	1.0	1.0	1.2	1.2	1.2	1.2	0.9
Interval (week)	3~4	3~4	5~8	5~8	5~8	5~8	5~8

Indication	Skin rejuvenation		Large pore		Facial wrinkle		Skin Resurfacing	
	MAN	WOMAN	MAN	WOMAN	MAN	WOMAN	MAN	WOMAN
Duration (us)	240	200	340	300	200	160	240	200
Overlap (th)	1	1	1	1	1	1	1	1
Distance (mm)	1.0	1.0	0.9	0.9	0.8	0.8	1.0	1.0
Interval (week)	3~4	3~4	3~4	3~4	3~4	3~4	5~8	5~8