

High Power CO2 Laser plus Micro-needle Fractional RF

FRA^{IS}™ ^{DUO}

Treatment Guide



ilooda

IS Biz tower-anyang, 9 Floor 25, Deokcheon-ro 152beon-gil, Manan-gu, Anyang-si, Gyeonggi-do,
Republic of Korea, 14084

www.ilooda.com

Made in KOREA

FRAXIS DUO (Laser Part) Treatment Guide.

Before Operating the FRAXIS DUO, you must be well acquainted with the User Manual and this Treatment Guide.

Precaution (before operation)

- Avoid be directly exposed to sunlight that could damage the skin.
- From 3 days ago, do not use the product containing isotretinoin such as glycolic acid, salicylic acid, Retin-A® which may be irritating to the skin.
- Do not treat Botulinum or Filler injected within the last 6 months.
- **Patients with dermatographism are recommended to prescribe antihistamines after treatment.**

Preparation before operation

- Apply the anesthetic ointment to the treatment area.
- Please remove anesthetic ointment after 30~40 minutes.
- Clean the patient's face and treatment area with soft cleanser.
- Disinfect the treated area. (Alcohol, boric or normal saline cotton)
- * Boric : Sterile distilled water 1L + Boric acid 20g Mix

Precaution during operation

- Please do 1~2 test shots before proceeding the treatment because there are different skin sensitiveness depending on the individual person.
- The laser is irradiated with the optical guide and skin placed vertically.(Be careful not to move during laser irradiation)
- The laser irradiation site can be visually confirmed, and the laser is not irradiated several times in the same place.
- It is necessary to adjust the setting according to the skin reaction.
- For the skin having wrinkles such as nasolabial fold and middle of forehead, must stretch wrinkles out as much as possible during procedure.
- There would be a line of Erythema or slight Edema in treated area depending on the patients. Symptoms are different depending on the patient but usually it disappears after 1~3 hours after treatment. In the case of severe erythema, calm the skin by Cryo, Cool pack.
- The skin should be properly **contacted** with the guide of hand-piece during procedure.

Care after treatment.

- You may feel redness, dryness, swelling, little pain for 2 to 3 days.
- It is recommended to apply moisturizing cream well, because your skin may feel dry after the procedure.
- UV-induced pigmentation can occur, so Sun-Block is recommended to be applied every 3 to 4 hours.
- Avoid sauna and aggressive exercises for 2 weeks and keep your skin cool by using cold water for the rejuvenation process.
- The Sun-Block is applied indoor and outdoor, and it should be applied minimum 2 weeks to a month.
- Drinking more water than usual will help you a lot.
- After the procedure, it is recommended that you receive a laser calming and regenerating treatment at the hospital.
- A fine scab will develop between 3 and 5 day, don't remove it forcibly. And wait till it disappears naturally.

<Parameter of FRAXIS DUO>

SKIN REJUVENATION / SCANNER HANDPIECE

MILD 1-2 DAYS DOWNTIME
MODERATE 3-5 DAYS DOWNTIME

| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
|--------------------|-------------|-----------|---------|------------------------|--|
| LASER EXFOLIATION | 0.6mj-0.9mj | 1.0mm | 1-2 | 3-6 Rx 3-4 weeks apart | Crusts 1-2 days, Redness 2-4 days. Make up next day |
| LASER MICRDERM | 0.9-1.2mj | 1.0-1.2mm | 1-2 | 3-6 Rx 3-4 weeks apart | Crusts 1-2 days, Redness 2-4 days. Make up next day |
| FRAX - GLOW | 0.9mj-1.2mj | 0.4-0.6mm | 1 | 3-6 Rx 3-4 weeks apart | Crusts 1-2 days, Redness 2-4 days. Make up day 2 |
| FRAX - SHINE | 1.2mj-3.0mj | 0.8-1.0mm | 1-2 | 3-6 Rx 3-4 weeks apart | Crusts 1-3 days, Redness 3-5 days. Make up from day 2 |
| SKIN REVITALIZE | 3.0-6.0mj | 0.8mm | 1 | 2-5 Rx 3-4 weeks apart | Crusts 1-3 days, Redness 3-10 days. Make up from day 2 |
| SKIN REFRESH | 6.0-7.2mj | 1.0mm | 1-2 | 2-5 Rx 3-4 weeks apart | Crusts 1-3 days, Redness 3-10 days. Make up from day 2 |
| SKIN REJUVENATION | 6.0-7.2mj | 0.8-1.0mm | 2 | 2-5 Rx 4-6 weeks apart | Crusts 2-5 days, Redness 7-14 days. Make up from day 3 |
| LARGE PORES | 9.0-10.2mj | 0.9mm | 1 | 2-5 Rx 3-4 weeks apart | Crusts 2-5 days, Redness 7-14 days. Make up from day 3 |
| ACNE SCARS LIGHT | 10.2-12mj | 1.0mm | 2 | 2-5 Rx 4-6 weeks apart | Crusts 2-5 days, Redness 7-14 days. Make up from day 3 |
| LASER PEEL - LIGHT | 10-13.2mj | 0.8-1.0mm | 1-2 | 2-5 Rx 4-6 weeks apart | Crusts 2-5 days, Redness 7-14 days. Make up from day 3 |
| HANDS | 7.8-15mj | 0.8-1.0mm | 1-2 | 2-3 Rx 5-8 weeks apart | Crusts 5-7 days, Redness 10-30 days. |

SKIN REJUVENATION ADVANCED / SCANNER HANDPIECE

INTENSE 7-14 DAYS DOWNTIME
DEEP 5-7 DAYS DOWNTIME

| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
|-------------------------|---|----------------------------|------------|------------------------|---|
| ACNE SCARS DEEP | 15-24mj | 0.6-0.8mm | 2 | 2-4 Rx 5-8 weeks apart | Crusts 5-7 days, Redness 10-30 days. Make up from day 7 |
| LASER PEEL - MILD | 15-33mj | 0.6-0.7mm | 1-2 | 1+ Rx 5-8 weeks apart | Crusts 3-5 days, Redness 10-30 days. Make up from day 7 |
| LASER PEEL - MEDIUM | 24-42mj | 0.6-0.8mm | 2 | 1+ Rx 5-8 weeks apart | Crusts 5-7 days, Redness 10-30 days. Make up from day 7 |
| STRETCH MARKS | 9.6-15mj | 0.8-1mm | 2 | 3-4 Rx 5-8 weeks apart | Crusts 7-14 days, Redness 10-30 days. |
| LASER PEEL DEEP | 42-60mj | 0.6-0.8mm | 1-2 | 1+ Rx 5-8 weeks apart | Crusts 5-7 days, Redness 10-30 days. Make up from day 7. |
| SKIN RESURFACING | 69-105mj | 0.8-1.0mm | 1 | 1+ Rx 5-8 weeks apart | Crusts 7-10 days, Redness 10-30 days. Make up from day 7. |
| Acre Scars | 69-105mj | 0.8-1.0mm | 1 | 1+ Rx 5-8 weeks apart | Crusts 7-10 days, Redness 10-30 days. Make up from day 7. |
| LASER PEEL DEEP INTENSE | 1 st Pass: 15-33mj 2 nd Pass: 69-105mj | 0.6-0.7mm 0.8-1.0mm | 1 1 | 1+ Rx 5-8 weeks apart | 1 st pass high density – (Close spacing between dots) and low energy on specific lesions as scars wrinkles to enhance effect 2 nd pass low density - high energy and low coverage over the entire area to enhance remodeling effect. |
| NECK | 7.8-10.2mj | 1.0mm | 1 | 1-3 Rx 4-6 weeks apart | Crusts 5-7 days, Redness 7-14 days. Make up from day 7. |
| PERIORBITAL LAXITY | 33-36mj | 0.7-1.0mm | 1 | 1-3 Rx 5-8 weeks apart | Must use intra ocular shields. Crusts 5-7 days, Redness 10-30 days. Make up from day 7. |

SCARS BODY / SCANNER HANDPIECE

DEEP 5-7 DAYS DOWNTIME

| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
|------------------------------|-----------|-----------|---------|------------------------|--|
| ATROPHIC SCARS | 9-15mj | 0.9-1.0mm | 1-2 | 3-4 Rx 5-8 weeks apart | Crusts 7-14 days, Redness 10-30 days. Make up from day 7 |
| BURN SCARS TRAUMATIC SCAR | 7.2-9.0mj | 1.2mm | 1-2 | 3-4 Rx 5-8 weeks apart | Crusts 7-14 days, Redness 10-30 days. Make up from day 7 |

COMBINING SECRET RF AND FRAXIS CO2 – SCARS, STRETCH MARKS, ENHANCED SKIN REJUVENATION

| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
|------------------|--------|-----------|---------|----------------------|--|
| SCARS AND STRAIE | 5-6mj | 0.8-1.0mm | 1 | 4-6 Rx 8 weeks apart | When combining 2 technologies in the same session, CO2 can be used immediately after SECRET RF treatment based on individual parameters for scars and stretch marks. |

COMBINING SECRET RF AND FRAXIS CO2 – EYE BAG FROM AGEING

| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
|---|--------|----------|---------|----------------------|---|
| 1st Pass: 10%, RF 60-70 ms, depth 1.5 mm in circle motion three passes. After that we go to more superficial with CO2 Fractional: | | | | | |
| EYE BAG | 0.6mj | 0.5mm | 5-6 | 3-5 Rx 14 days apart | Radio Frequency micro needle make it possible to reach the musculus orbicularis <u>occuli</u> layer and the heat can stimulate the muscle to be strengthen. And combination with co2 fractional stimulate the collagen in the deep dermis make the result even better. Light erythema may occur but disappear in 24 hrs. |

SKIN LESIONS EPIDERMAL / SCANNER HANDPIECE

| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
|---|---|-----------------------|------------|-----------------------------------|--|
| SEB K'S, AK'S | 8.4mj | 0.3mm | 1 | 1-3 treatments 5-8 weeks apart | LESIONS: Wet saline or aqueous chlorhexidine between each pass, end point disappearance of the lesion. Crusts 7-14 days, Redness 10-30 days. Make up from day 7. |
| PRE PDT SCALP | 2.1mj | 1.2mm | 1 | Pre PDT | Scalp – MAL Penetration. |
| PRE PDT FACE | 5.1mj 5.1mj | 1.0mm 0.8mm -1.2mm | 1 1 | Pre PDT Pre PDT | 15x15 spot (Ideal number f dots 256) 18x18 spot (Ideal number f dots 256) |
| PRE TATTOO REMOVAL | 2.1-10.2mj | 0.8-1.0mm | 1-2 | Pre Q-Switch | For scarring in tattoo |
| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
| SEBORRHEIC KERATOSIS, SOLAR LENTIGINES VERRUCOUS PAPILLOMAS OF THE EYELID GENITAL WARTS RUBY ANGIOMA | 0.5-2W Pulsed mode 50 on 50 off | Defocus 1-3cm | 1-3 passes | 1-3 treatments 5-8 weeks apart | Wet saline or aqueous chlorhexidine between each pass, end point the disappearance of the lesion. Use topical <u>Emla</u> . Crusts 7-14 days, Redness 10-30 days. Make up from day 7 for facial treatment. |

SKIN LESIONS DERMAL / SURGICAL HANDPIECE / SCANNER

| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
|---|---|-----------------|-------------|------------------------------------|--|
| XANTHELASMA SYRINGOMAS SEBACOUS ADENOMA | 3-5W Pulsed mode 50 on 50 off | Defocused 1-3cm | 1-10 passes | 1-3 treatments. 5-8 weeks apart | End point destruction of the lesion for xanthelasma, visualization of muscle – local anesthesia necessary. Crusts 7-14 days, Redness 10-30 days. Make up from day 7 |
| HIGH DENSITY RHINOPHYMA | 6mj | 0.1mm | 2 | | |

WARTS & INCISIONS / SURGICAL HANDPIECE

| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
|---|---------------------------------------|---------------------|-------------|------------------------------------|---|
| RESISTANT WARTS | 5-10W Pulsed mode 100on 100 off | Defocused at 1-3 cm | 5-10 passes | 1-3 treatments. 5-8 weeks apart | End point papillary bleeding or total destruction of the lesion. Crusts 7-14 days, Redness 10-30 days. Make up from day 7 |
| LASER INCISIONS (CYSTS, RESECTION IN PATIENTS WITH ANTIPLATELET OR ANTICOAGULANT) | 5-10W Pulsed mode 50 on 50 off | Focused 0.1mm | | | Crusts 7-14 days, Redness 10-30 days. Make up from day 7 |

SKIN LESIONS DERMAL / SURGICAL HANDPIECE / SCANNER

DEEP 5-7 DAYS DOWNTIME

| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
|-------------------------|-----------------------------|-----------------|-------------|------------------------------------|---|
| XANTHELASMA | 3-5W | Defocused 1-3cm | 1-10 passes | 1-3 treatments. 5-8 weeks apart | End point destruction of the lesion for xanthelasma, visualization of muscle – local anesthesia necessary. Crusts 7-14 days, Redness 10-30 days. Make up from day 7 |
| SYRINGOMAS | Pulsed mode 50 on 50 off | | | | |
| SEBACOUS ADENOMA | | | | | |
| HIGH DENSITY RHINOPHYMA | 6mj | 0.1mm | 2 | | |

WARTS & INCISIONS / SURGICAL HANDPIECE

| INDICATION | ENERGY | DISTANCE | I-STACK | INTERVAL | NOTES |
|---|---------------------------------------|---------------------|-------------|------------------------------------|---|
| RESISTANT WARTS | 5-10W Pulsed mode 100on 100 off | Defocused at 1-3 cm | 5-10 passes | 1-3 treatments. 5-8 weeks apart | End point papillary bleeding or total destruction of the lesion. Crusts 7-14 days, Redness 10-30 days. Make up from day 7 |
| LASER INCISIONS (CYSTS, RESECTION IN PATIENTS WITH ANTIPLATELET OR ANTICOAGULANT) | 5-10W Pulsed mode 50 on 50 off | Focused 0.1mm | | | Crusts 7-14 days, Redness 10-30 days. Make up from day 7 |

*** The above setting values are applied in clinical trial result.**

- This parameter value is for the reference. For the treatment, practitioner must check the condition of patient and consider individual differences before operating the machine with confirming the safety under practitioner’s responsibility.
- Recommend to use various setting value because there is operational differences depending on the skin thickness, laxity.
- It might happen bleeding and scab depending on the patient and the setting value.

It declares again that this parameter is not absolute value.