

TRI-BEAM
PREMIUM™

TRI-BEAM Premium™ Clinical Casebook



The name of
Q-switched Nd: YAG

TRI-BEAM PREMIUM™

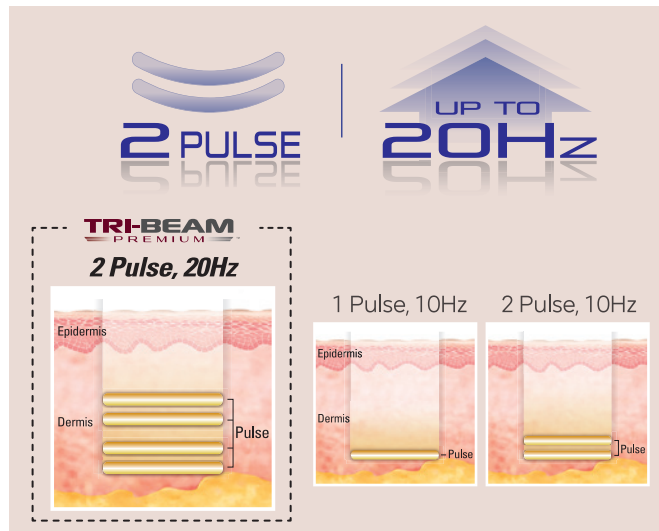
Gen Tech with Quasi-Long Pulse

- The most effective way to cure both pigmentation lesions and fine wrinkles.

2 Pulse, 20Hz/ Powerful Rich-PTP Toning

(Photoacoustic Toning Pulse)

- Fast and effective treatment.
- Double pulsed Rich-PTP delivers higher efficacy and minimizes the adverse effects for Melasma treatment.

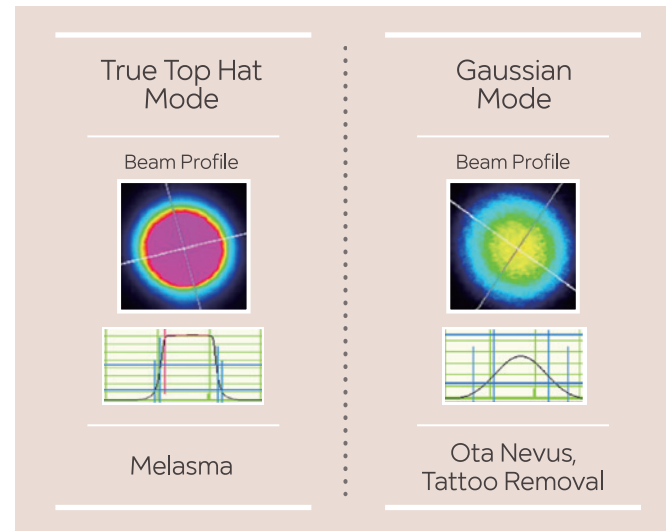


Various Beam Mode

- Easy to change G/TH/GN/532nm beam mode with one touch.

Beam Profile

- True Top Hat beam minimizes damages on epidermis.
- Gaussian mode for deeper and stronger treatment, only with TRI-BEAM PREMIUM™.

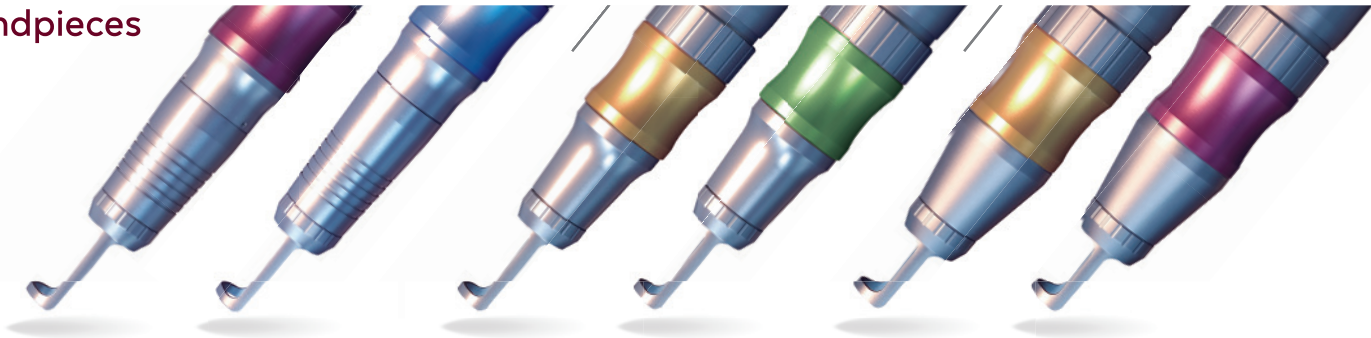




New Definition for
Performance of
Q-Switched Nd:YAG Laser !

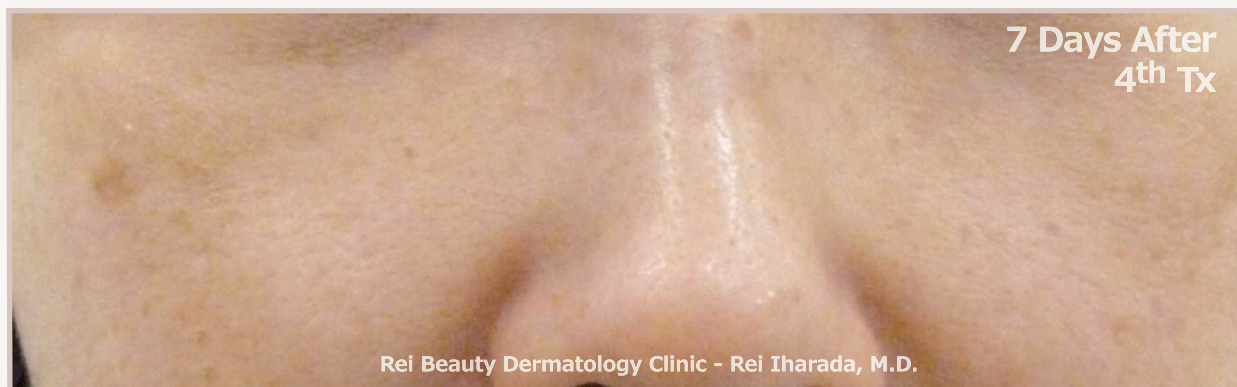
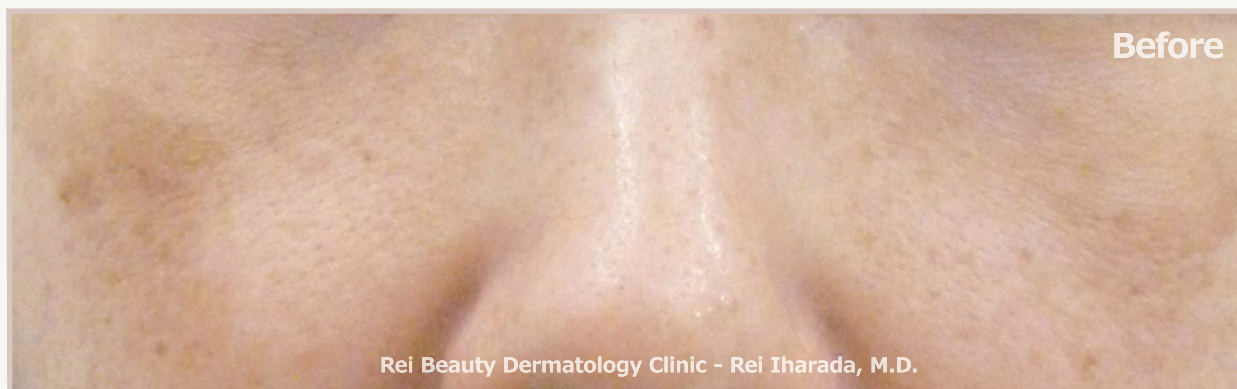


Handpieces



	Zoom	Collimation	Fractional		Dye	
			1064nm	532nm	585nm	650nm
Spot Size	2~10 mm	7 mm	5 X 5 mm 81 dots	4.5 X 4.5 mm 81 dots	2 mm	2 mm
	Pigmented Lesions, Tattoo Removal	Melasma	Pigmented Lesions, Tattoo Removal		Color Tattoo Removal	

1. Melasma



[Case 01.]

TH mode, 1064 nm, Φ 6 mm, 5 Hz, 5 pass

1st: 2.5 J/cm², **2nd** (11 days after 1st Tx) : 2.6 J/cm²,

3rd (9 days after 2nd Tx) : 2.7 J/cm², **4th** (7 days after 3rd Tx) : 2.7 J/cm²

Treatment method ; Toning

Combination : Iontophoresis, Tranexamic acid mask



[Case 02.]

TH mode, 1064 nm, Φ 6 mm, 5 pass

2nd: 3.0 J/cm², **3rd** (6 days after 2nd Tx): 3.2 J/cm²,

4th (12 days after 3rd Tx): 2.8 J/cm²

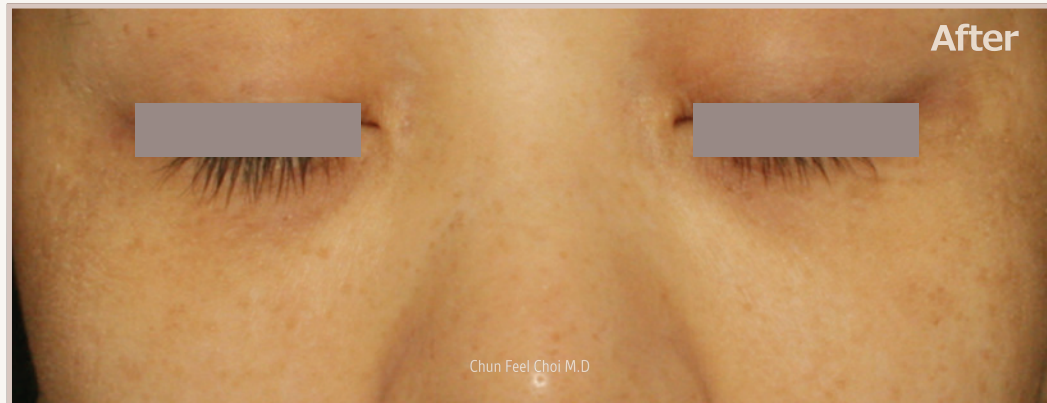
Treatment method ; Toning



[Case 03.]

TH /PTP mode, 1064 nm, Φ 10 mm, 10 Hz, 1.2 J/cm²

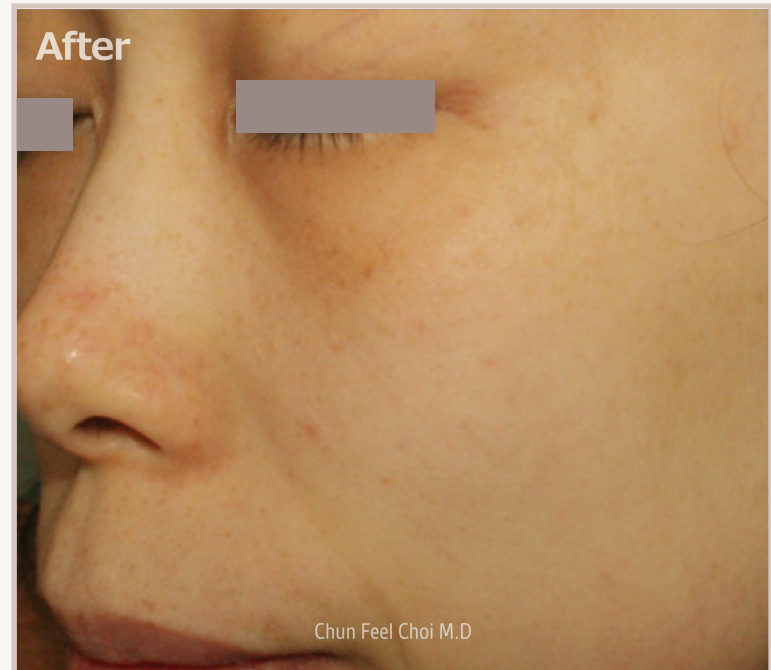
Treatment method ; Toning
Combination : Vitaliontophoresis



[Case 04.]

TH /PTP mode, 1064 nm, Φ 10 mm, 10 Hz, 1.2 J/cm²

Treatment method ; Toning
Combination : Vitaliontophoresis



[Case 05.]

TH mode, 1064 nm, Φ 10 mm, 10 Hz, 1.0 J/cm²
GN mode, 1064 nm, Φ 8 mm, 10 Hz, 6.9 J/cm²

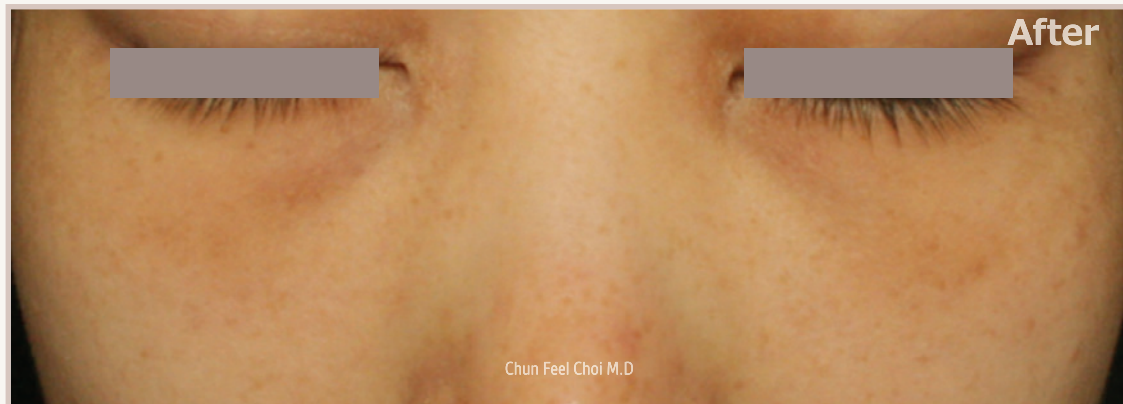
Treatment method ; Toning
Combination : Vitaliontophoresis



[Case 06.]

TH mode, 1064 nm, Φ 10 mm, 10 Hz, 1.0 J/cm²
GN mode, 1064 nm, Φ 8 mm, 10 Hz, 6.9 J/cm²

Treatment method ; Toning
Combination : Vitaliontophoresis



[Case 07.]

TH mode, 1064 nm, Φ 10 mm, 10 Hz, 1.0 J/cm²
GN mode, 1064 nm, Φ 8 mm, 10 Hz, 6.9 J/cm²

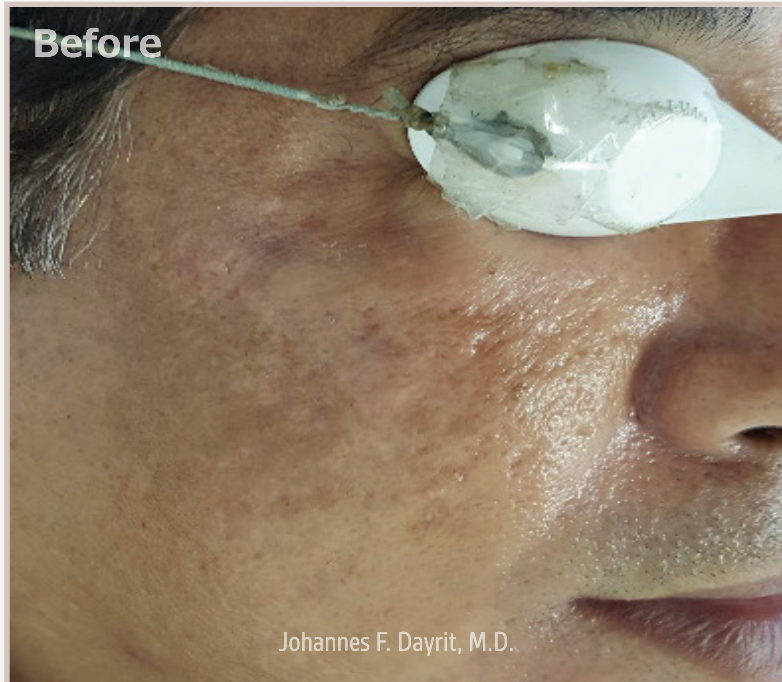
Treatment method ; Toning
Combination : Vitaliontophoresis



[Case 08.]

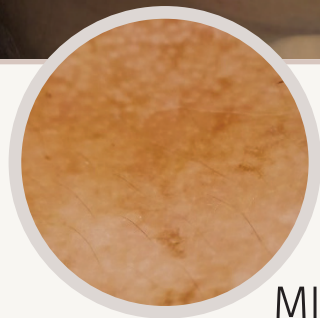
PTP mode, 1064 nm, Φ 10 mm, 10 Hz, 1.2 J/cm²

Treatment method ; Toning
Combination : Vitaliontophoresis

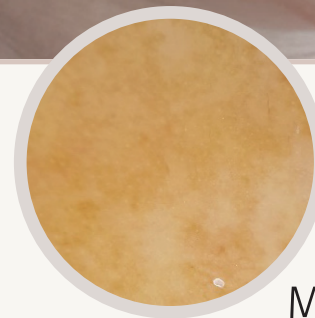
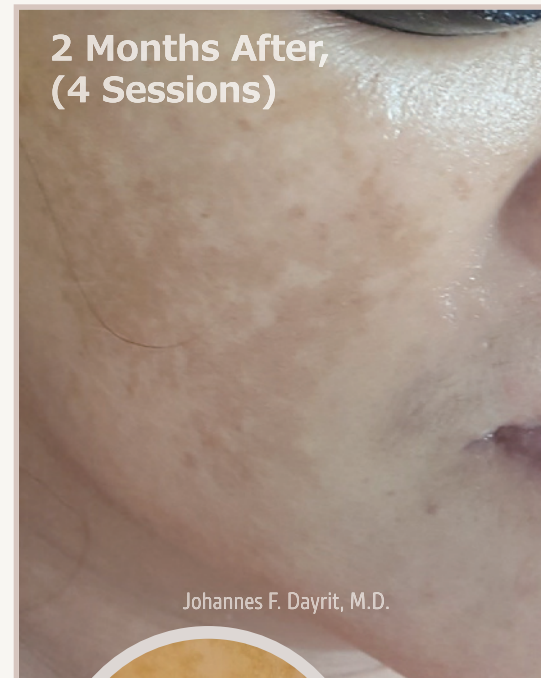


[Case 09.]

1064 nm, Φ 6 mm, 10 Hz, 1.6 J/cm²



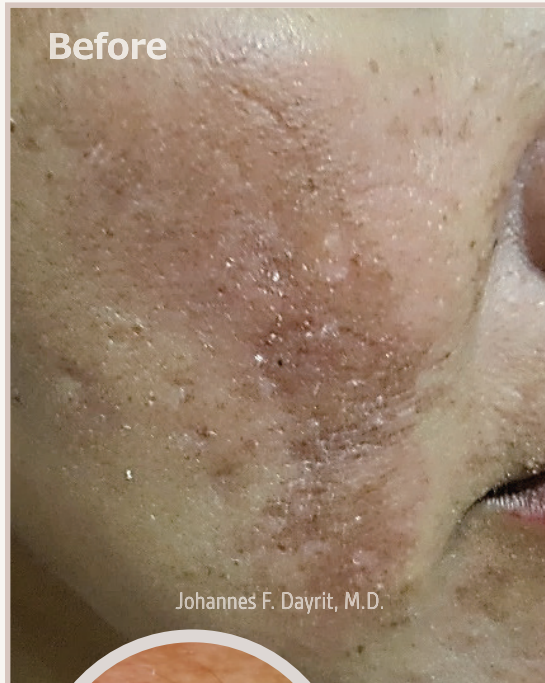
MI=57.6



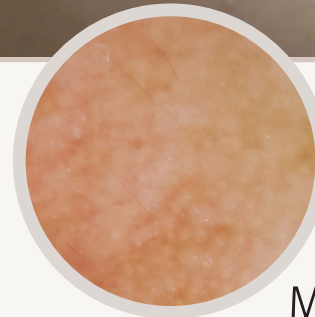
MI=48.6

[Case 10.]

1064 nm, Φ 6 mm, 10 Hz, 1.6 J/cm²



MI=62.4



MI=48.5

[Case 11.]

1064 nm, Φ 6 mm, 5 Hz, 2.0 J/cm², 5 passes

2. Tattoo Removal



[Case 01.]

Dorsum of hand : G mode, 1064 nm, Φ 5~7 mm, 3.8~7.6 J/cm²



[Case 02.]

Back : G mode, 1064 nm, Φ 5~7 mm, 3.8~7.6 J/cm²
(treated with other Q-Switched Nd:YAG Laser in 1st Tx)



[Case 03.]

Arm : G mode, 1064 nm, Φ 5~7 mm, 3.8~7.6 J/cm²
(treated with other Q-Switched Nd:YAG Laser in 1st Tx)



[Case 04.]

eyebrow : TH mode, 1064 nm, Φ 3 mm, 1.2 J/cm²

3. Epidermal Pigmented Lesions



[Case 01.]

TH mode, 532 nm, Φ 4 mm, 0.7~0.8 J/cm²

Combination : Iontophoresis



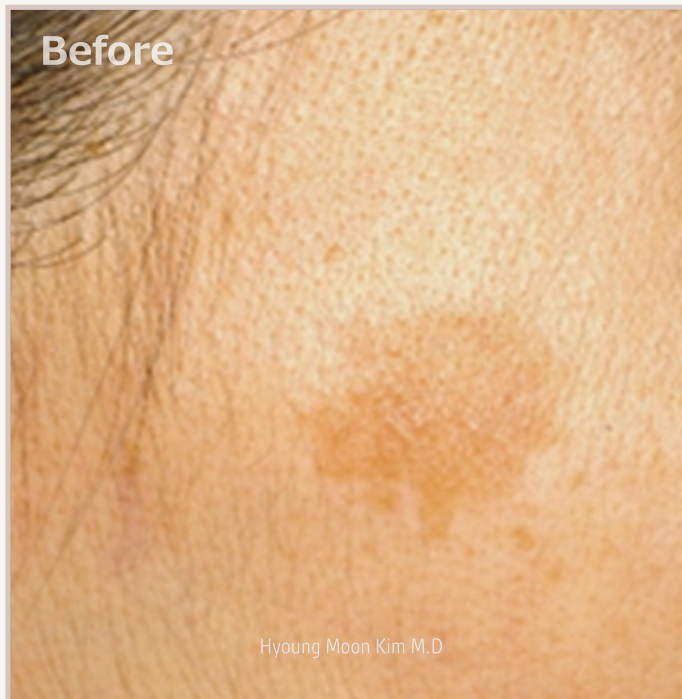
[Case 02.]

TH mode, 532 nm, Φ 4 mm, 1.2 J/cm²



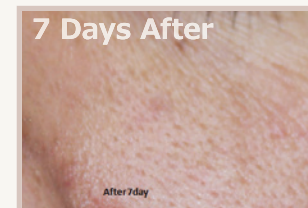
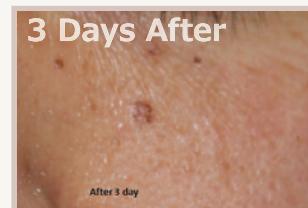
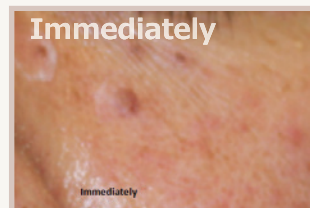
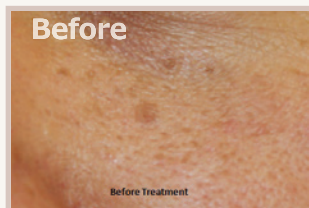
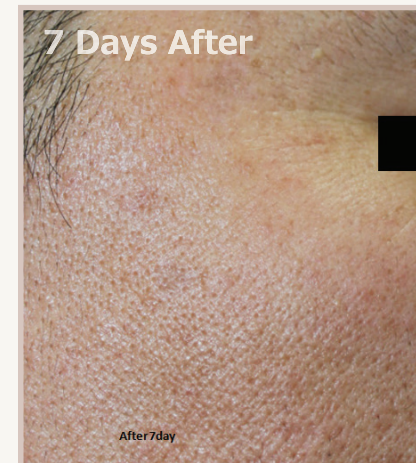
[Case 03.]

TH mode, 532 nm, Φ 4 mm, 1.5 J/cm²



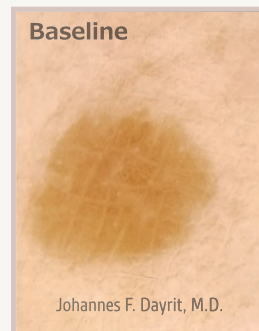
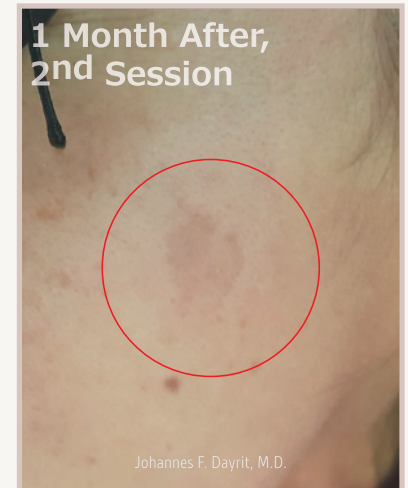
[Case 01.]

No data



[Case 02.]

No data



[Case 03.]

532 nm, Φ 4 mm, 2.0 J/cm²

Therapeutic Endpoint=Blanching
Follow Ups : in 2 Wks, 2 Sessions



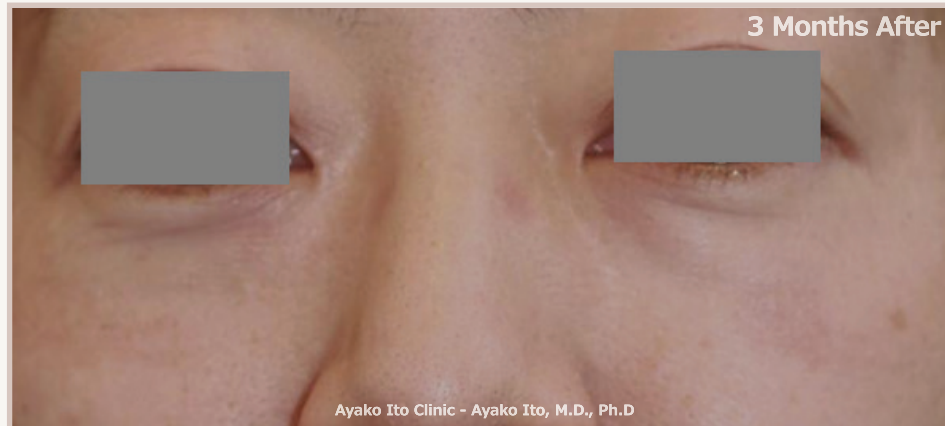
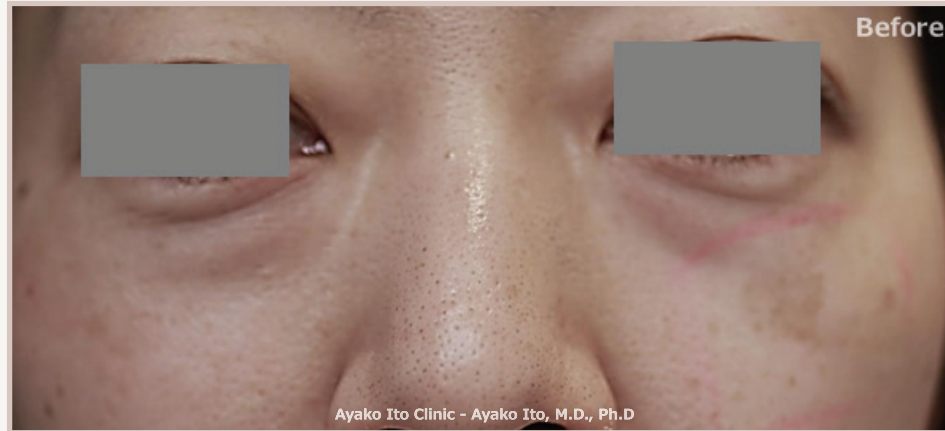
[Case 01.]

TH mode, 532 nm, Φ 5 mm, 0.6 J/cm²



[Case 02.]

TH mode, 532 nm, Φ 5 mm, 0.6 J/cm²



[Case 01.]

Blackhead : G mode, 1064 nm, Φ 5 mm, 2 J/cm²

Lower Eyelid : GN mode, 1064 nm, Φ 6 mm, 7 Hz, 6~8 J/cm², total 3 Tx for a monthly

Solar Lentigo : TH mode, 532 nm, Φ 3 mm, 1.2~1.4 J/cm²



[Case 02.]

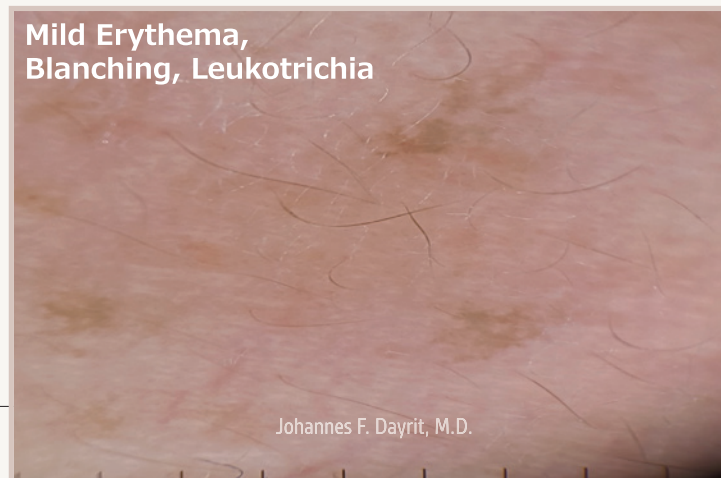
Melasma : TH mode, 1064 nm, Φ 6 mm, 5 Hz, 5 pass

1st: 2.5 J/cm², **2nd** (11 days after 1st Tx) : 2.6 J/cm²,

3rd (9 days after 2nd Tx) : 2.7 J/cm², **4th** (7 days after 3rd Tx) : 2.7 J/cm²

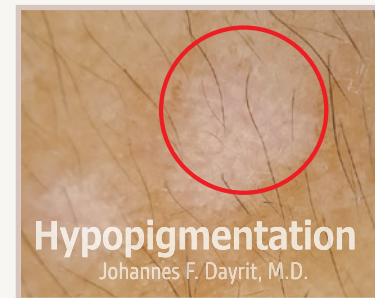
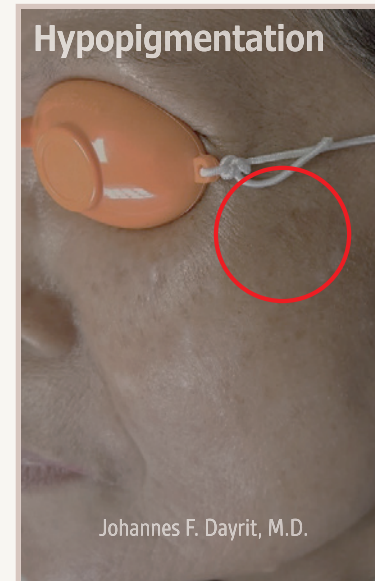
Solar Lentigo (white circle) : TH mode, 532 nm, Φ 4 mm, 0.7~0.8 J/cm²

Combination : Iontophoresis, Tranexamic acid mask (with toning)



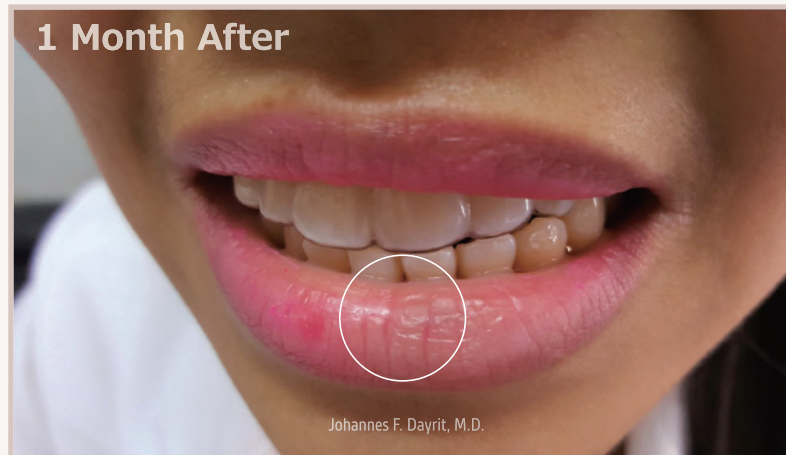
[Case 01.]

532 nm, Φ 3-4 mm, 1.0 J/cm²



[Case 01.]

532 nm, 1.0 J/cm²



[Case 01.]

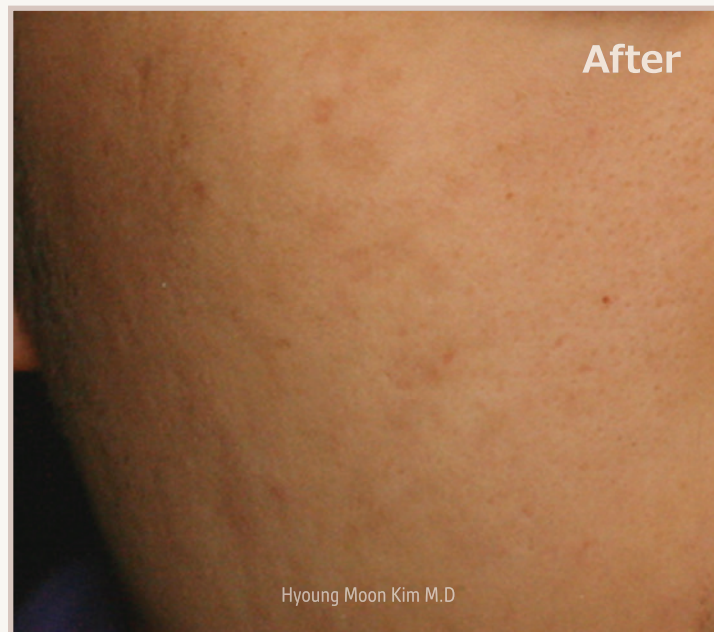
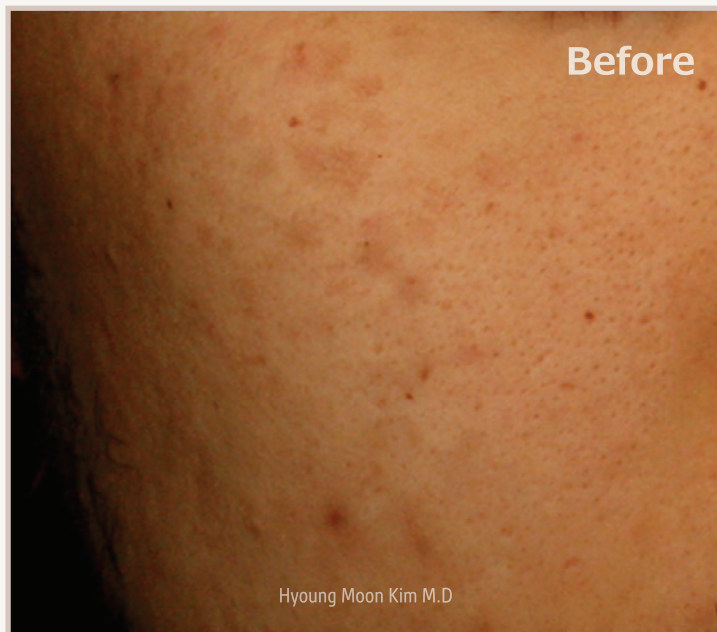
532 nm, 2 Hz, 1.2 J/cm²

4. Dermal Pigmented Lesions



[Case 01.]

∅ 4 mm, 2 Hz, 8.5~9.0 J/cm²



[Case 02.]

No data

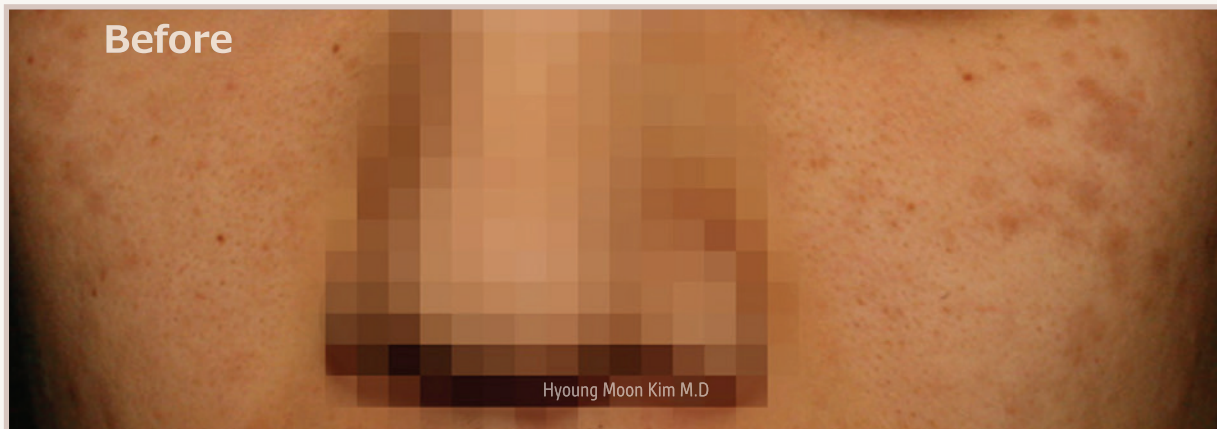
[Acquired Bilateral Nevus of Ota-like Macules(ABNOM)]



[Case 01.]

1064 nm, 8.5 J/cm²

[Acquired Bilateral Nevus of Ota-like Macules(ABNOM)]



[Case 02.]

No data

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5. Other Clinical / Aesthetic Applications



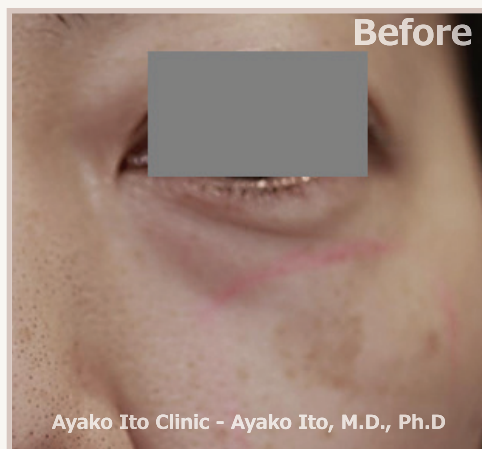
[Case 01.]

1064 nm, Φ 6 mm, 5 Hz, 5 J/cm², 5 passes



[Case 01.]

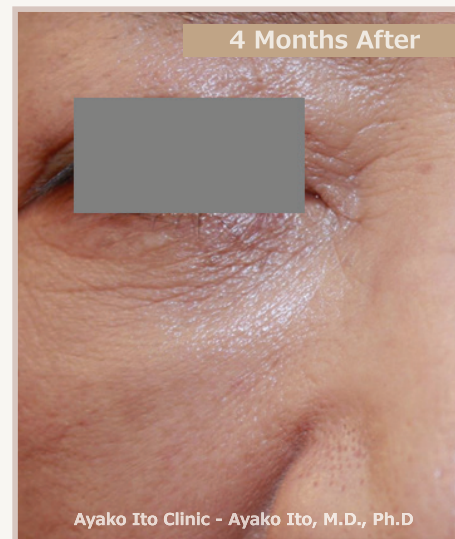
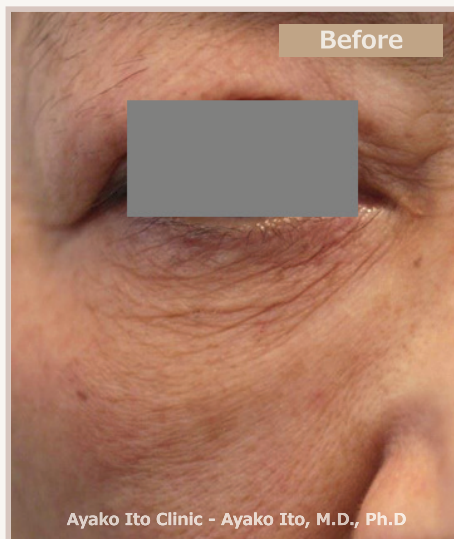
TH mode, 1064 nm, 5 Hz, 8.5~9.0 J/cm²



[Case 01.]

Lower Eyelid : GN mode, 1064 nm, Φ 6 mm, 7 Hz, 6.8 J/cm², total 3 Tx for a monthly

Treatment method ; Gen Technique



[Case 02.]

Lower Eyelid : GN mode, 1064 nm, Φ 6 mm, 7 Hz, 6.6-6.8 J/cm²,
total 3 Tx for a monthly

Treatment method ; Gen Technique



[Case 01.]

Tinea Unguium :

GN mode, 1064 nm, Φ 5 mm, 5 J/cm², 7 Hz, 300 shot, total 3 Tx for a monthly
(Recommend to radiate until patients can't tolerate heat.)

TRI-BEAM
PREMIUM™



Specifications

Laser Medium	Nd:YAG (Q-Switched)	
Operating Parameters	Q-Switched and Quasi-long Pulse	
Wavelength	532/1064nm, 585/650nm(Option)	
Pulse Energy	G mode	1064nm 10~1500mJ
	GN mode	1064nm 10~3500mJ
	TH, PTP ON mode	1064nm 10~1600mJ
	TH, PTP OFF mode	1064nm 10~1200mJ
	TH, PTP OFF mode	532nm 10~500mJ
	TH, PTP OFF mode	585nm 30~250mJ
Repetition Rate	1~2Hz, 1~10Hz, 1~13Hz, 1~20Hz, Single Shot	
	Zoom HP	2mm ~ 10mm
Spot Sizes	Collimation HP	7mm
	Fractional HP	5mm X 5mm (1064nm), 4.5mm X 4.5mm (532nm)
	Dye HP	2mm (585nm, 650nm)
Electrical Power	230V, 50/60Hz, 2.5kVA	
Dimensions	400(W) X 918(D) X 970(H)mm	
Weight	102.5kg	

① 585, 650nm ② 532nm ③ G mode ④ GN, TH mode



Jeisys
Better You