

Picore

PICOSECOND ND:YAG LASER



Picore Design



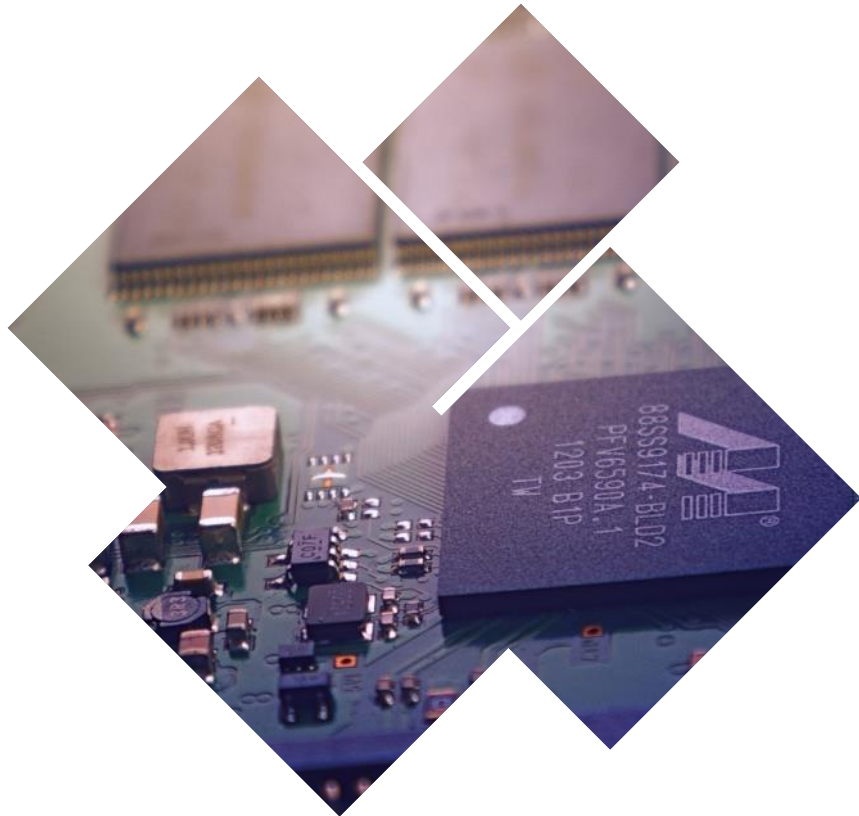
About Picore

Picore is a picosecond Nd:YAG Laser emitting wavelengths at 1064nm and 532 nm and reaching a high peak power or 1.8GW (800mj) in 450ps only !



Why Picore?

4



1

Triple Axel Energy

Patented technology using three Laser chambers for more amplified energy output

2

Pure Pico Energy

Picore is using a pure Picosecond energy without mixing it with nano energy

3

High Peak Power 1.8GW

Picore can reach the highest power of 1.8GW with 800mj energy for the best results

4

True 450ps Duration

The shortest pulse duration for less side effects and better results



Why is it **different?**



Triple Axel Energy Jump Technology

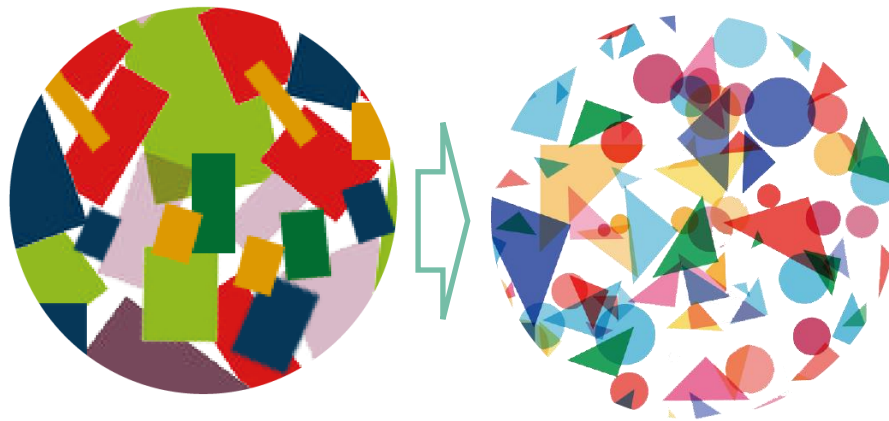
Patented optic design with three chambers

**Pico Seed
(Laser Source)**

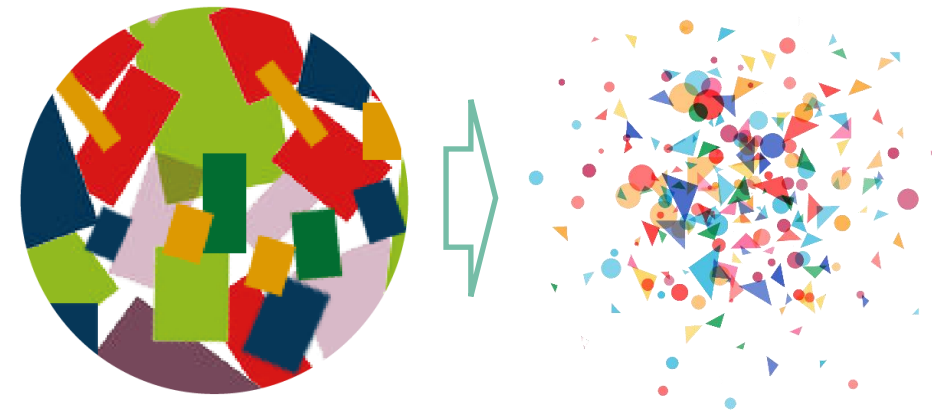


800mJ

Nanosecond vs Picosecond

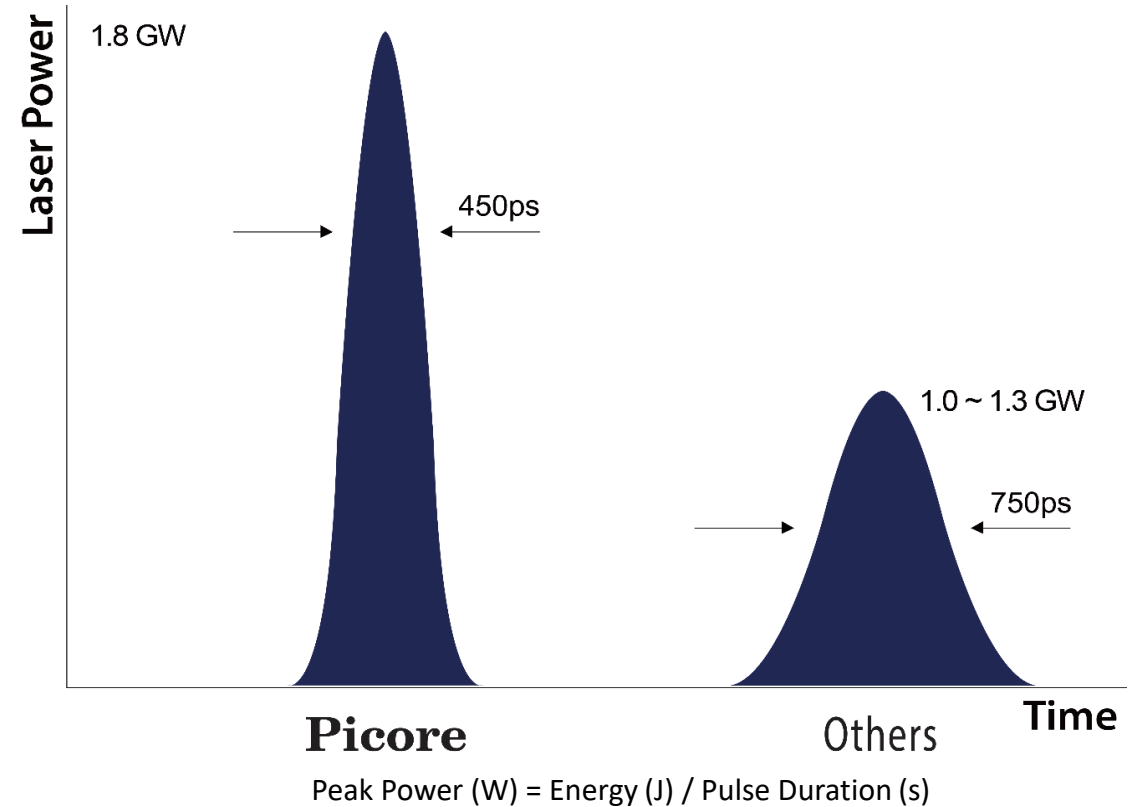
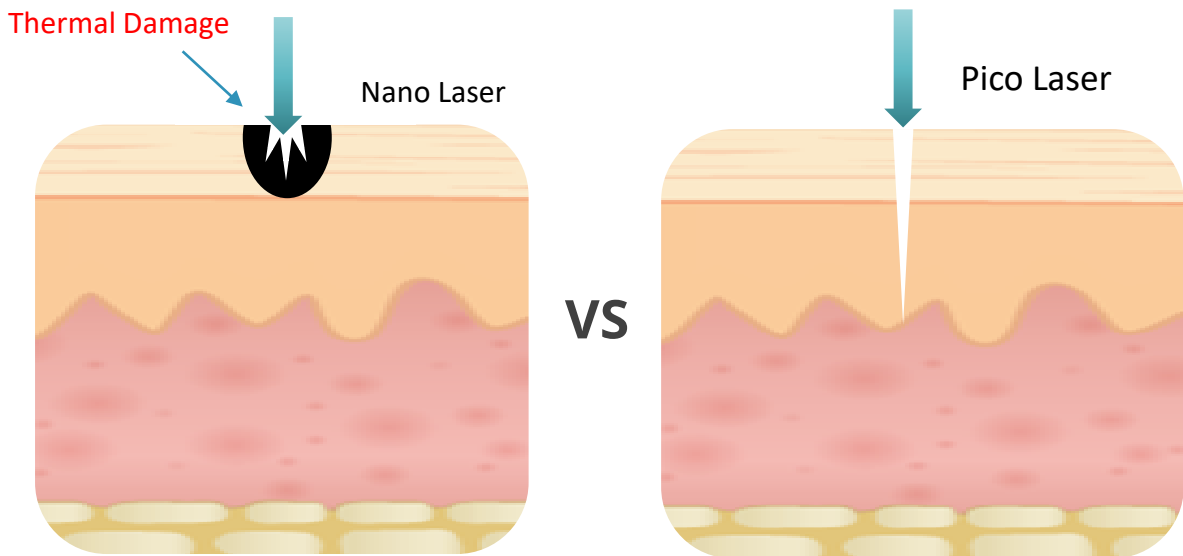


- Slower energy delivery
- Only large pigments shatter
- More heat resulting in more side effect



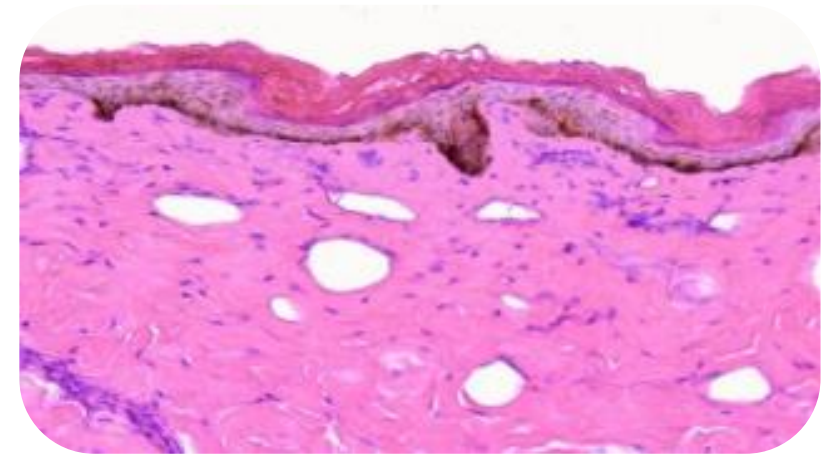
- Rapid energy delivery
- Even the smallest pigments shatter
- Less heat resulting in less side effect

High Peak Power and Shortest Pulse Duration



LIOB Treatments / MLA

Laser Induced Optical Breakdown



H&E stain section of skin tissue showing vacuoles in the upper dermis caused by LIOB. (Picore, Pukyong University)

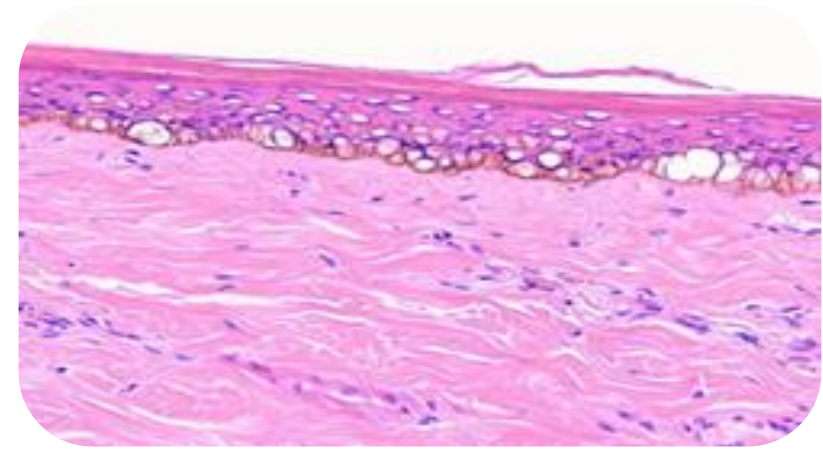


Picore can create Laser Induced Optical Breakdown (LIOB) with the highest energy unlike other Pico Lasers. LIOB mechanism allows a cavitation effect through **plasma formation in the dermis** with the MLA handpieces.

- Skin Rejuvenation / Skin Tightening & Lifting / Collagen Regeneration

LITB Treatments / DOE

Laser Induced Thermal Breakdown



H&E stain section of skin tissue showing vacuoles above the epidermis line caused by LITB. (Picore, Pukyong University)



Picore can create Laser Induced Thermal Breakdown (LITB) with the highest energy unlike other Pico Lasers. LITB mechanism allows a cavitation effect through **plasma formation just above the epidermis line.**

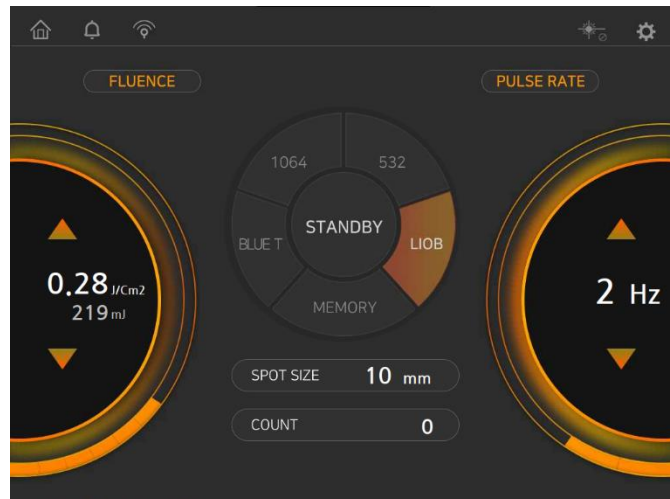
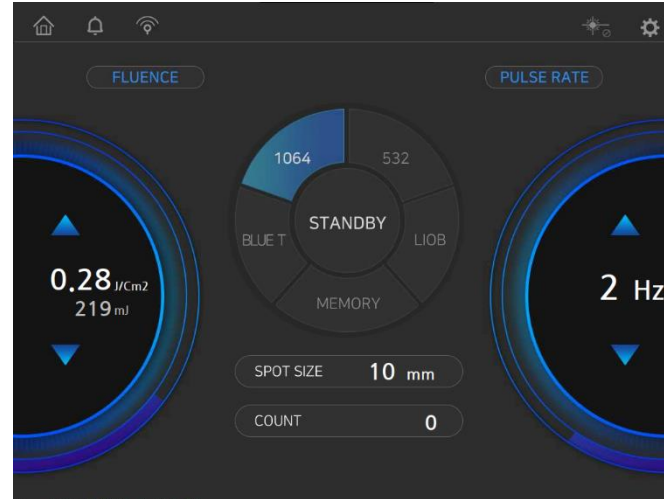
- Epidermal pigmentation and Skin Rejuvenation

Treatment of MultiFrax™



- **MultiFrax™** treatment uses **MLA** for whole face and **DOE** for pigments lesion
- Petechia in pigments comes up right after a treatment
- Immediate tightening effects after the petechia disappeared
- **After 3 days, the petechia healed with new collagen formation with the baby skin.**

Beautiful design
Large screen



Intuitive
Simple



Slot-type electrical system for **easy and fast** maintenance

Online Monitoring



Picore is monitored by a **CMS (Central Monitoring System)** which provides easy maintenance and immediate response.

- Auto-alert system
- Central monitoring system
- Remote service system
- Auto-upgrading system

Slim Fit



Bluecore Picore	1	290x770x880 mm
Cynosure Picosure	2	460x690x1070 mm
Cutera Enlighten	3	510x840x920 mm
Wontech Picocare	4	450x939x908 mm

Perfect size for your clinic

Variety of Handpieces



Zoom
(2~10mm)



Collimated
(7mm)



MLA Fractional
(3mm~5mm)



MLA Fractional
(6mm~8mm)



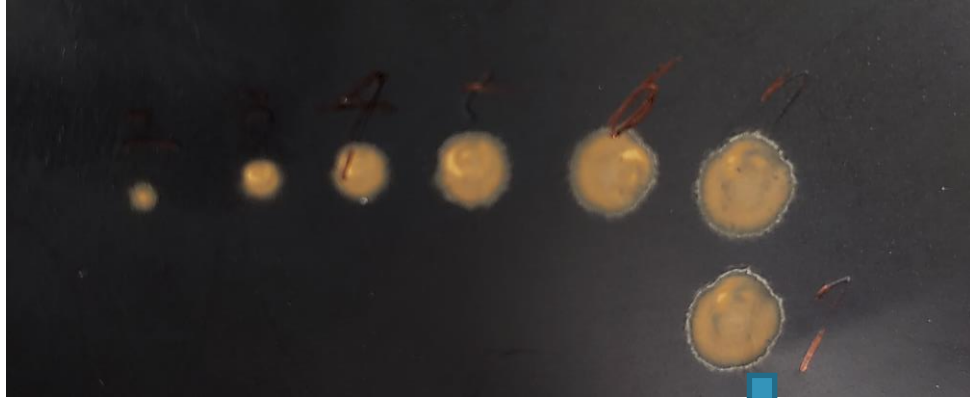
DOE Fractional
(4x4mm)

Picore Comparison

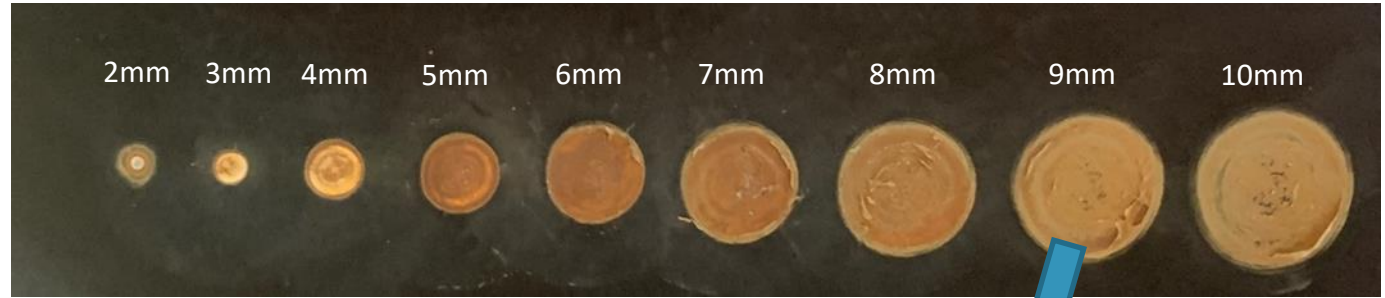
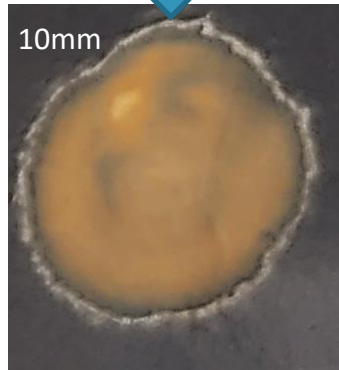
	Bluecore Picore	Candela PicoWay	Cutera Enlighten	Wontech Picocare
Wavelength (nm)	1064/532	1064/532	1064/532	1064/532
Pulse Duration	450ps	450ps	750ps	450ps
Output Energy (mJ) / (GW)	800mJ 1.8 GW	400mJ 0.9GW	600mJ 0.8GW	600mJ 1.33 GW
Spot Size (mm)	2~10	2~10	2 - 8	2~10
Max Rep Rate(Hz)	10	10	10	10

Picore Comparison

Laser marks for each spot size using the max energy



PICO Laser "P"
product in Korea



Picore



Tree growth ring

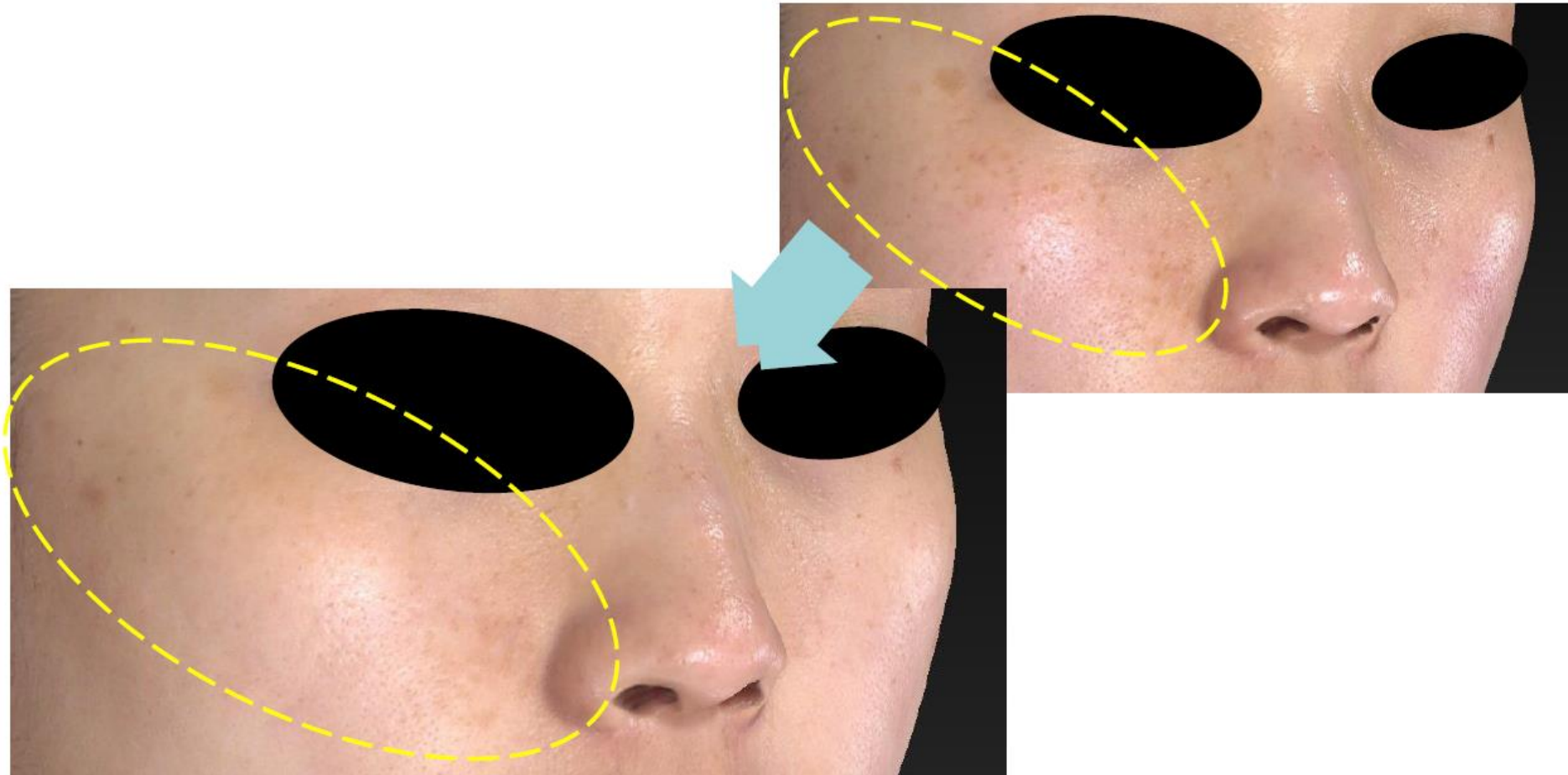


Perfect beam pattern

Before & After



Before & After



Before & After



Before & After





#1203, Centum Jungangro48,
Haeundae-gu, Busan, South
Korea



(82) 51-747-4318
(82) 51-747-4319



bluecorecompany.com
info@bluecorecompany.com

Thank You

