



BLUETONING

# IRIS

TREATMENT PARAMETER

*These parameters are based on IRIS user experience. Each operator may have different opinions for the parameters so please use this material as a reference only. Start with a low energy test shot and check each skin color and skin reaction. Then, gradually increase the energy to apply the appropriate parameters. In addition, do not treat patients with keloids or patients with hypersensitivity*

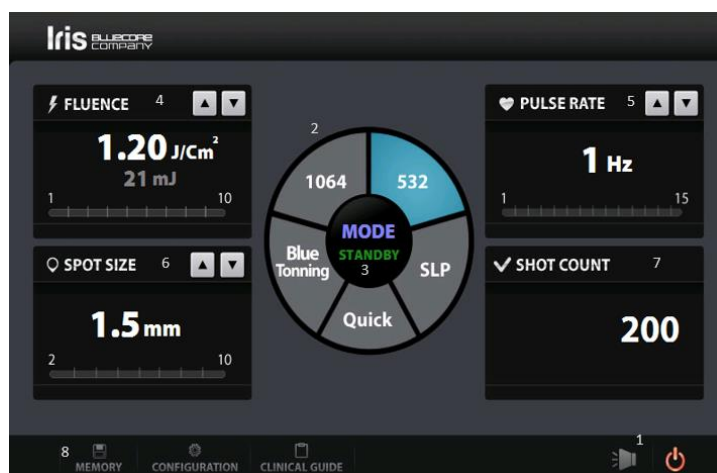
## Main Screen

1- Home  
Sound on/off  
Wifi

2- Mode Selection  
BlueT / 1064  
532 / LIOB

3- Standby/Ready

4- Fluence  
(J/cm<sup>2</sup>)



5- Pulse Rate  
(Repetition Rate)

6- Spot Size

7- Shot Count

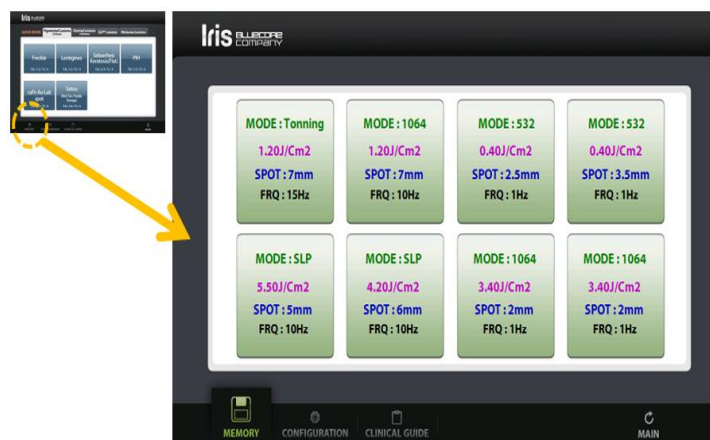
8- Save/Load  
Memory

## Spot Size Change



Hold the handpiece with both hands and pull back the black part of the handpiece to rotate and change the spot size. Large number is for 1064nm and small number in parenthesis is for 532nm

## Memory Save/Load



The memory button is in the left bottom of the main GUI

- To save: after setting a parameter, press this button and choose one slot and press for a long time to save the current parameter.

- To load: press the memory button to show the saved parameters then press slightly to load.

## Contraindications

Therapy using the Iris laser is contraindicated for patients who:

- Are hypersensitive to light in the near infrared wavelength region
- Take medication which is known to increase sensitivity to sunlight
- Have seizure disorders triggered by light
- Have an active localized or systemic infection, or an open wound in area being treated
- Have a significant systemic illness such as lupus or an illness localized in area being treated
- Have common acquired nevi that are predisposed to the development of malignant melanoma
- Have herpes simplex in the area being treated
- Are pregnant or breastfeeding

## Adverse Effects

Adverse effects can include discomfort, redness, swelling, pinpoint bleeding, blistering, scabbing, crusting and bruising, which are usually transient and resolve without intervention.

Possible adverse effects include pustules, skin burns, hypopigmentation, hyperpigmentation, scarring, infection and allergic reaction. Most of these are transient and resolve over time.

## Epidermal and Dermal layer Treatment (1064nm) Zoom Handpiece

Indication	Mode	Spot Size (mm)	Fluence (J/cm <sup>2</sup> )	Pulse (Hz)	Pass	Interval (Week)	Treatment Number
Melasma / Toning	Bluetoning	7	1.2~1.9	10	2-3	2~4	10~
ABNOM	1064	5	2.0~2.5	1-2	1-2	4-6	4~
Nevus of OTA	1064	4	2.5~	1-3	1-2	4-6	4~
Dark Tattoo	1064	4	2.5 ~	2-5	1	6-8	5~
Eyebrow Tattoo	1064	4	1.5 ~	2-5	1	6-8	3~
Eyeline Tattoo	1064	4	1.5 ~	2-5	1	6-8	3~

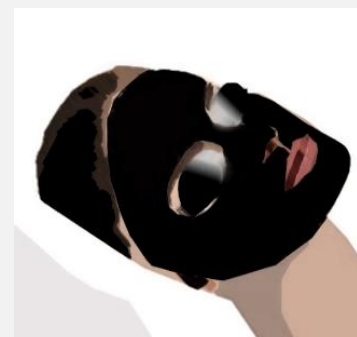
## Epidermal Treatment(532nm) Zoom Handpiece

Indication	Mode	Spot Size (mm)	Fluence (J/cm <sup>2</sup> )	Pulse (Hz)	Pass	Interval (Week)	Treatment Number
Freckles	532	3-4	0.5~	1	1	4-6	1-3
Seborrheic Keratoses	532	3-4	1.0~	1	1	4-6	1-3
Lentigines	532	3-4	0.5~	1	1	4-6	1-3
Café-au-lait	532	3-4	1.0~	1	1	4-6	3~
Speckled Nevus	532	4-5	1.0~	1	1	4-6	5~
Red Tattoo	532	3-5	1.0 ~	2-5	1	6-8	5~

## Carbon Peeling Treatment SLP(Semi-Long Pulse) and 1064nm

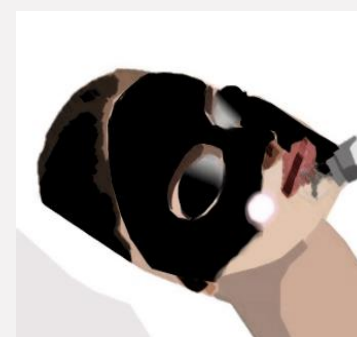
The Carbon Peeling treatment can be performed in three steps:

01



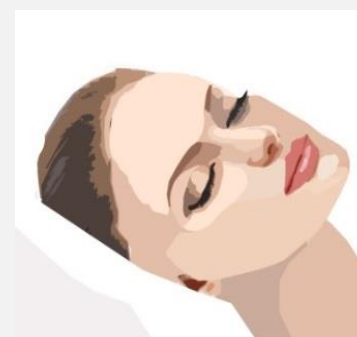
Apply carbon lotion for the photothermal effect and treat in the SLP mode with the fluence set to 1.0~2.0J/cm<sup>2</sup>. Repeat 2-3 times in each round.

02



Set the fluence to 1.2~1.9J/cm<sup>2</sup> not to exceed 2.5J/cm<sup>2</sup> in the Bluetoning mode (or 1064 mode) and treat in a row to penetrate the dermis and be absorbed in collagen to induce skin regeneration.

03



Treat in a row at least 3 passes, until the carbon particles are completely removed during the procedure so that residual carbon particles and impurities such as dead skin cells are eliminated.

Avoid excessive overlapping during the procedure and allow a little erythema to be observed. Then, pay attention for pinpoint bleeding not to occur.

# Skin Rejuvenation

## MLA Treatment(MLA Handpiece)

Indication	Mode	Spot Size (mm)	Fluence (J/cm <sup>2</sup> )	Pulse (Hz)	Pass	Interval (Week)	Treatment Number
Rejuvenation	Blue T	7	1.0~	15	1~	4	3~
Scars	1064	6	1.2~	5	1~	4	3~
Deep scars	1064	6	1.4~	5	1~	4	3~

### Remarks

- Make sure the patient wears protective goggles.
- After washing the treatment area, apply an anesthetic cream (EMLA), if necessary.
- Make sure to keep the handpiece in a 90-degree position.
- Ending point is a slight of erythema and edema.
- Avoid overlapping on the same area.
- Avoid outdoor activities and sauna for one week after the treatment.
- Do not scratch the treated area.
- Cooling treatment is recommended.
- Scab formation might appear after 2~3 days. Do not forcefully remove.

### Post-Management Guidelines

1. Apply an ice pack for 30 minutes until comfortable.
2. Apply cold aloe gel (dye and fragrance free) at home as needed for comfort.
3. Avoid sun for 48 hours
4. Avoid any cosmeceuticals for 48 hours.
5. Ask your dermatologist prior to using any prescription or OTC medications on the face.
6. Avoid the sun for 30 days and use sun block.
7. Expect a sunburned appearance for 3 to 5 days.
8. Sun damaged areas may darken or scab up.
9. Light manual exfoliation with a soft cloth can be started at day 5.
10. Make up may be worn after the first day.