



Epil8 Trilogy

July, 2017

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trilogy
epi|8



12x20



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How it works

Application

Specification

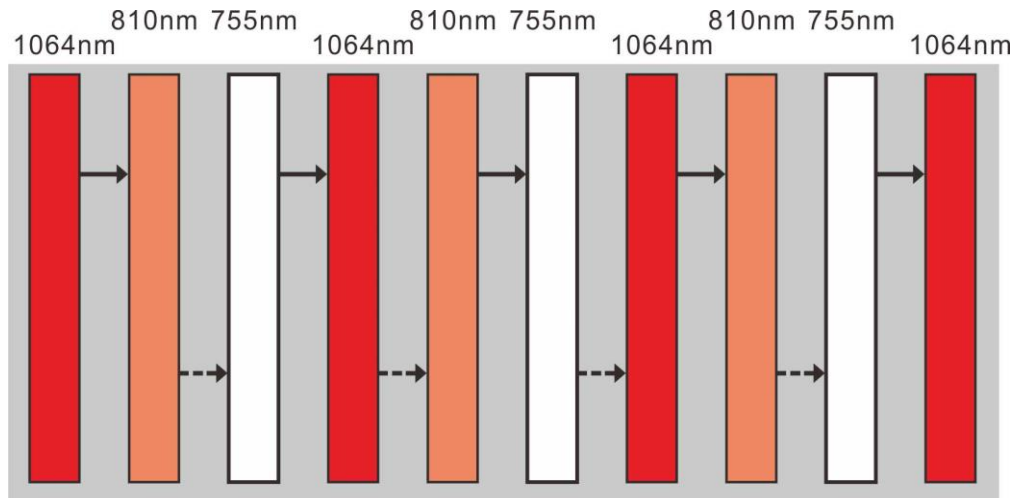
Features

Contact



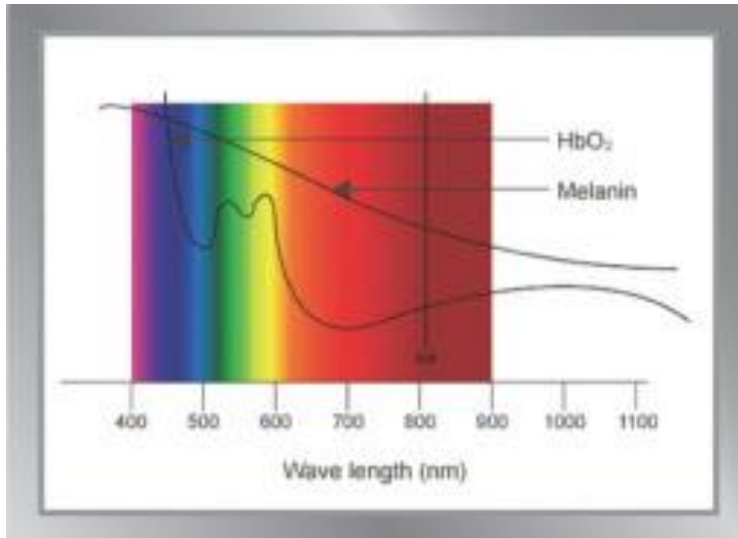
How it works

- This Diode Laser operates at a wavelength of Alex755nm, 810nm and 1064nm. These 3 different wavelengths come out at the same time, to reach the different depth of hair and to obtain better hair removal results
- Alex755nm is a powerful energy selected absorbed by the melanin chromophore, making it ideal for skin type 1, 2 and fine, thin hair
- The longer wavelength of 810nm works in the deeper hair follicle and it is less absorbed by the melanin, making it is more safe also for dark skin hair removal
- 1064nm works as infrared light with high water absorption, so it is the choice for dark skin hair removal, including tanned skin



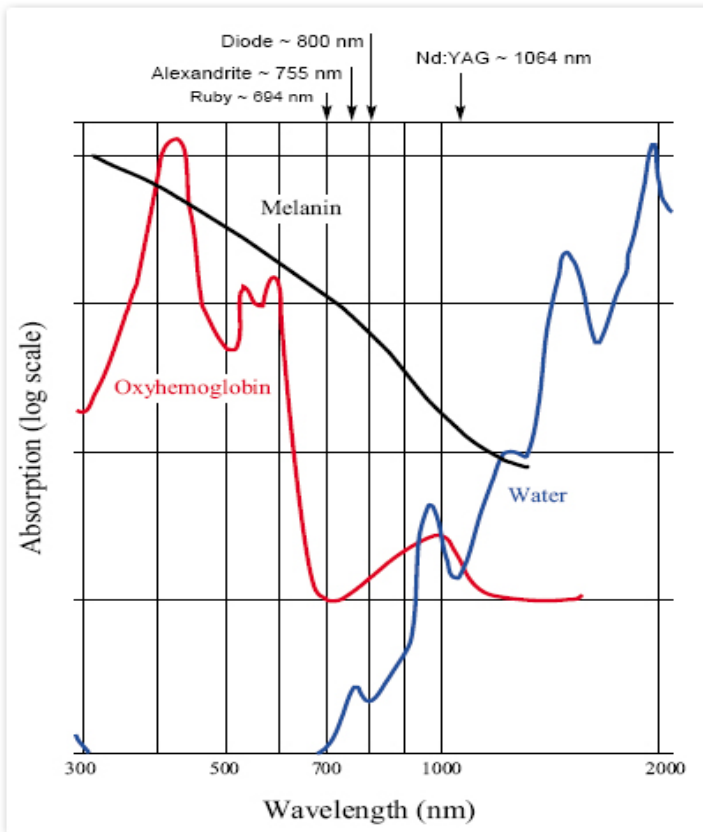
KEY technology adopted

The most innovative complete and versatile diode laser device on the market combining 3 wavelengths.



755nm+808+1064

combines the effect of alexandrite long pulse laser wavelength 755 nm (phototypes II - III), 1064-Nd:YAG long pulse laser wavelength for (phototypes IV - V - VI), 808 traditional diode laser wavelength (gold standard for the hair removal)

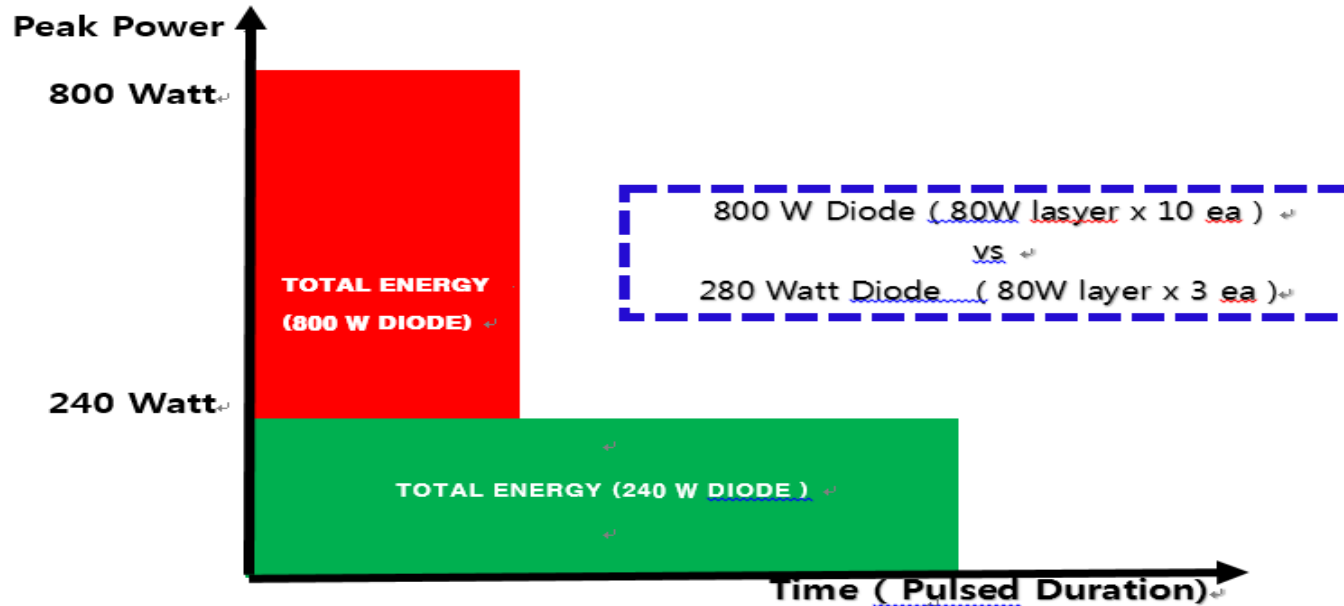


- **755 nm** corresponds to the highest melanin absorption in the spectrum
- **1064nm** corresponds to a lower level of melanin absorption but better oxyhemoglobin and water absorption
- **808 nm** corresponds to the medium melanin and hemoglobin absorption but low water.

**Simultaneous emission of the three laser wavelengths
is the new gold standard in the hair removal application**

- 755nm** → optimal for skin type 1 and 2, fine and blond hair
→ low depth penetration
- 810nm** → optimal for thick and black hair
→ medium depth of penetration and greater absorption by the hair bulb
- 1064nm** → Dark skin hair removal
→ Great depth of penetration and greater absorption by capillaries that feed the hair bulb

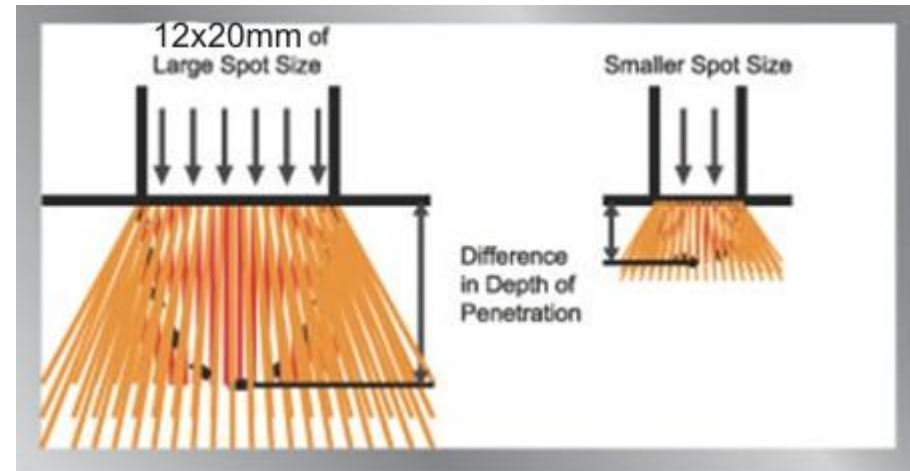
Specification - high power of 800 Watt



Power	Peak Power	Pulsed Duration	Total Energy To remove hair	Remark
800 Watt	High	Short	Same as 240 Watt	If pulsed duration is so long to burn the capillary to follicle, Patient feel more pain and more burn in skin
240 Watt	Low	Long	Same as 800 Watt	

Big Spot Size (12 x 20mm)
+
High frequency (10 Hz)
=

- ✓ **Higher depth**
- ✓ **Better results**
- ✓ **Faster treatments**



Larger spot size enables **deeper depth of penetration** for improved absorption of energy at the target (the hair follicle)

- **Big Spot Size:** 12 x 20mm
- **US original diode array** keep handpiece with long and stable life time (up to 10 million shots/15months)
- **Real Sapphire** to support skin contact cooling 0~5° C, to protect the epidermis avoiding burns, for superior painless treatments



Wavelength	Alex755nm, 810nm, 1064nm
Hand-piece available	Handpiece 810 nm, Handpiece 755 nm, Handpiece 1064 nm, Handpiece 755+808+1064 nm
Spot size	12*20mm
Frequency	1 - 10Hz
Energy Density	1 - 40J/cm ²
Sapphire contact cooling	0 - 5°C
Diode array output power	800W
Operate Interface	8" True color TFT touch screen
Cooling system	Air & Close Water Circulation, TEC cooling
Power Supply	100/110V, 50-60Hz or 230-260V, 50-60Hz
Dimension	60*38*40cm (L*W*H)
Weight	35kgs

User Friendly interface with 3 treatment modes:

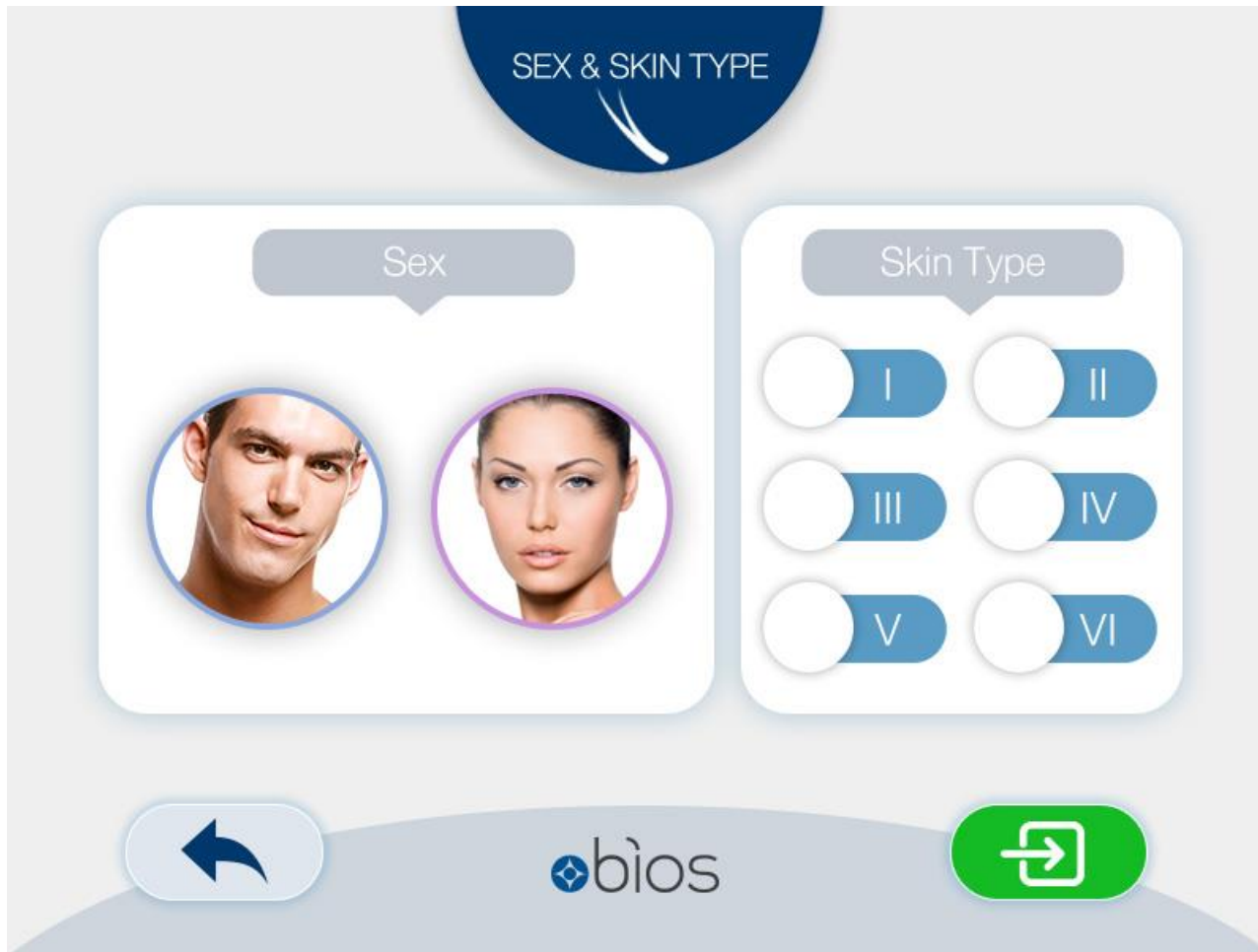
- Professional mode:** - the software have open parameter interface for professional practitioners which can also record the parameters set
- professional treatment parameter pre-set in the software, also for operators with less experience.
- FAST mode:** for fast and painless hair removal treatment
- Small area mode:** for small areas like face, axilla and bikini

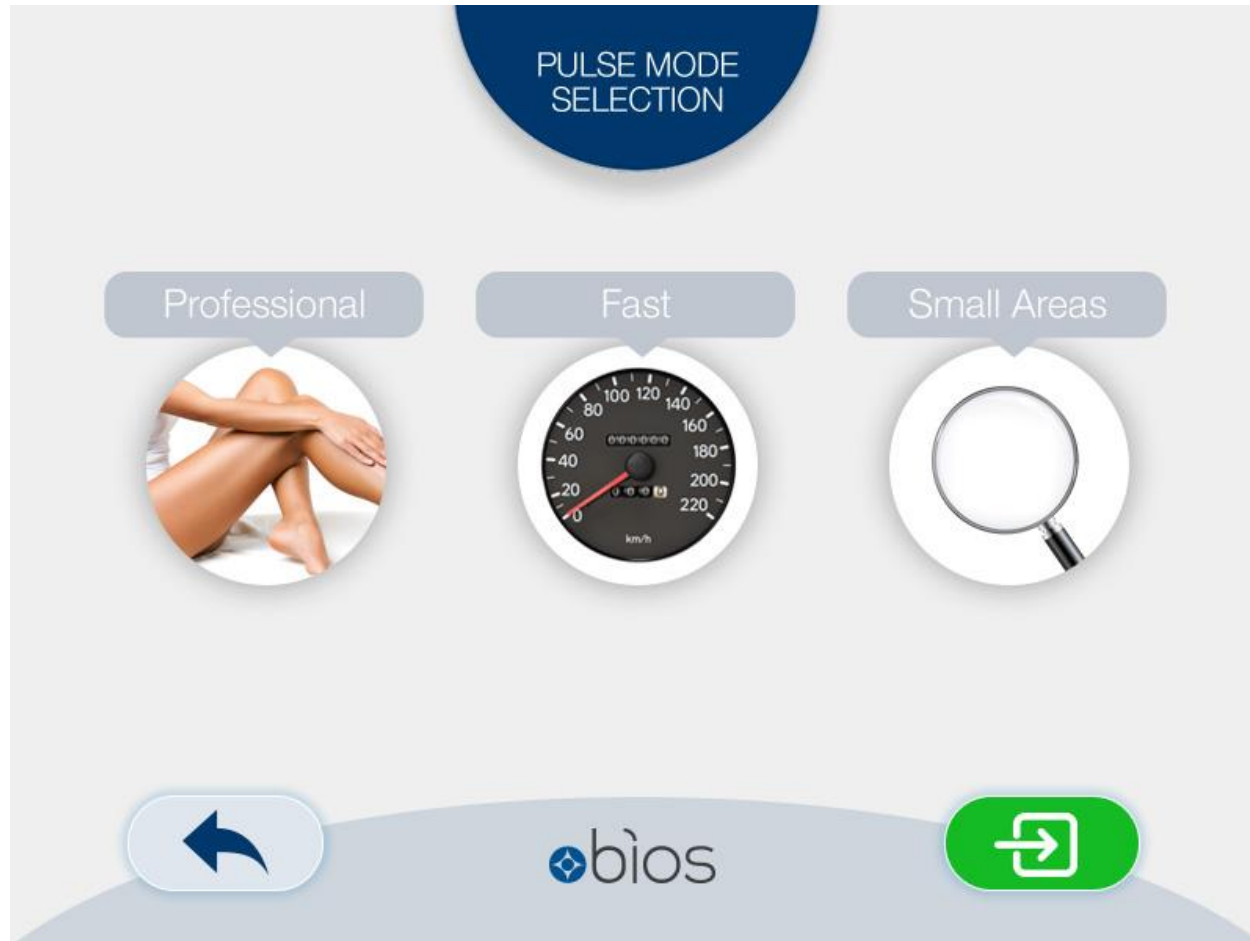
Software update with USB key, it bring easy service for the software.

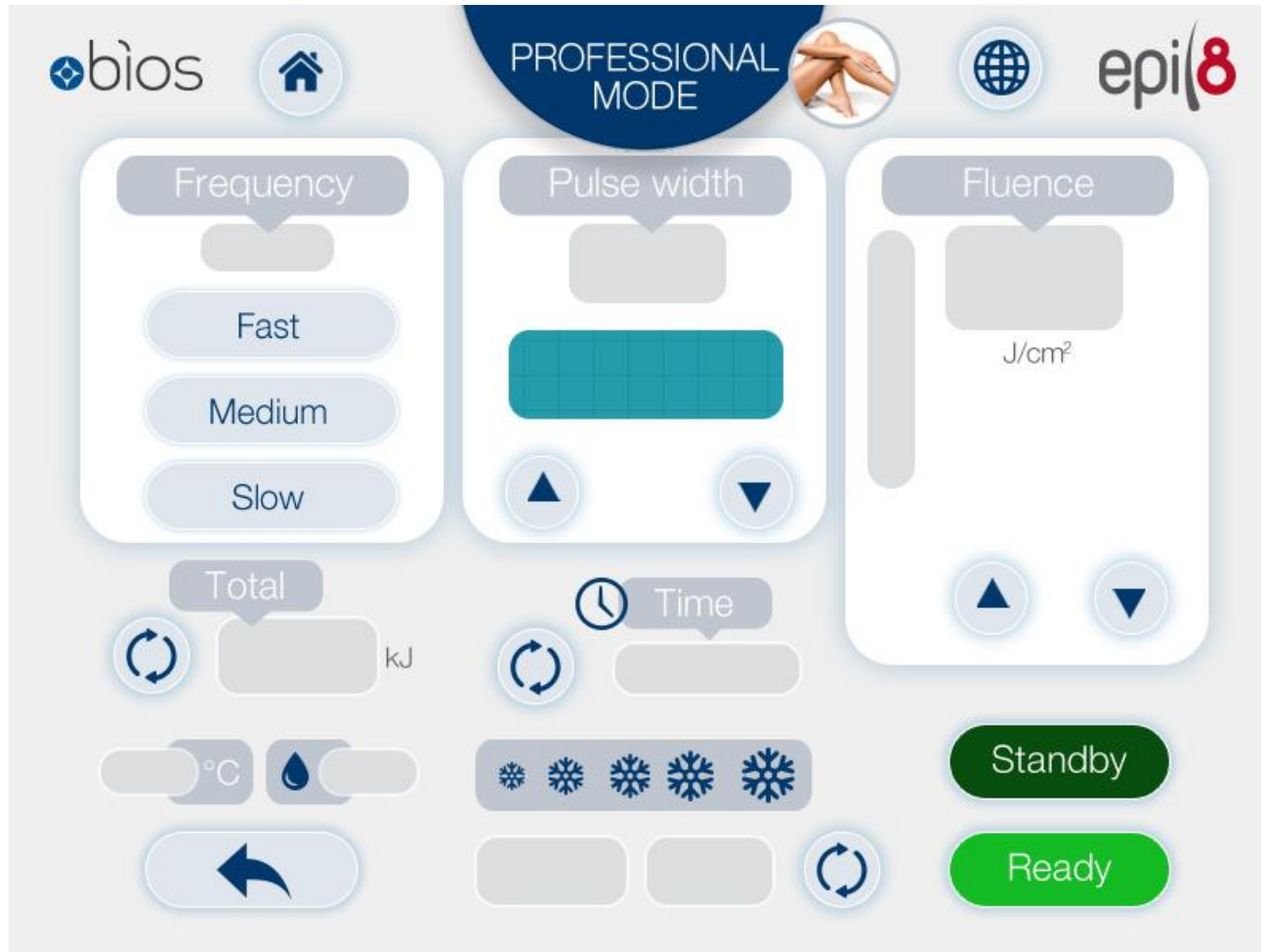
The screenshot displays a software interface titled "HAIR PARAMETER" at the top. Below the title, there are three main columns, each with a header and three selectable options represented by radio buttons.

- Hair Density:**
 - Thin
 - Medium
 - Bushy
- Hair Colour:**
 - Blond/Light brown
 - Blond/Light brown
 - Dark brown/Black
- Hair Thickness:**
 - Fine
 - Normal
 - Thick

At the bottom of the interface, there is a navigation bar containing a back arrow button on the left, the "bios" logo in the center, and a forward arrow button on the right.



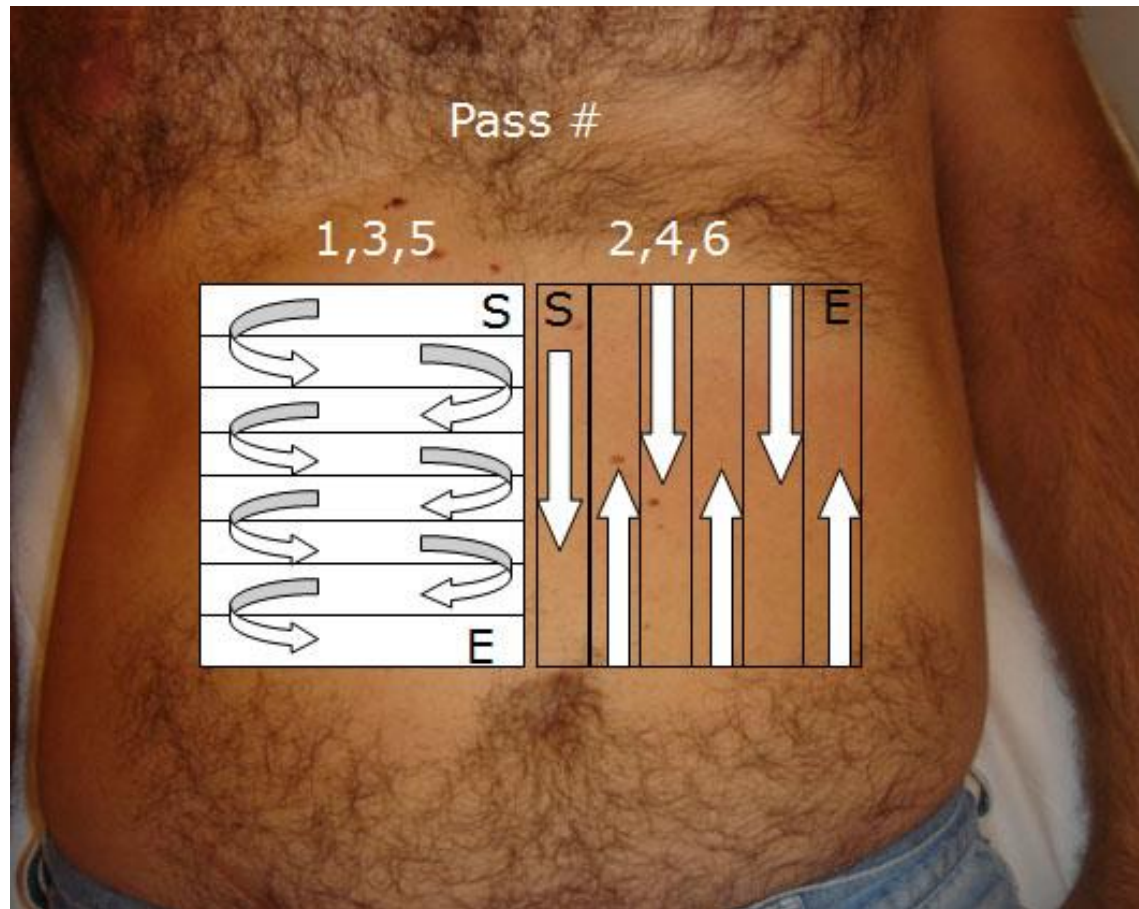




easy to learn treatment parameters with just one time operation

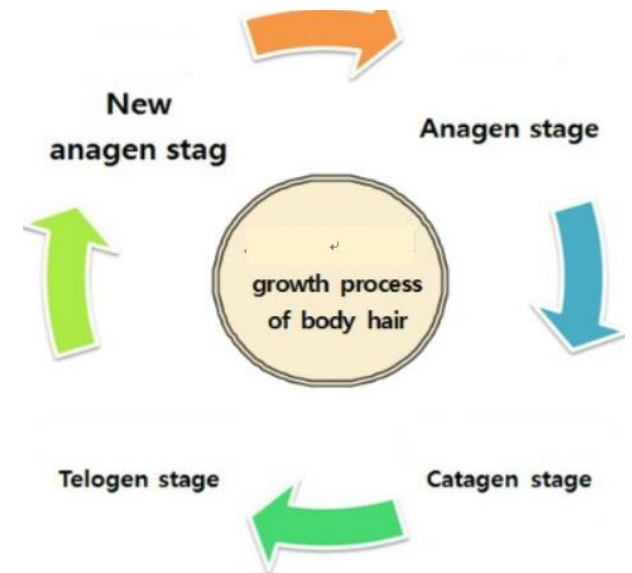
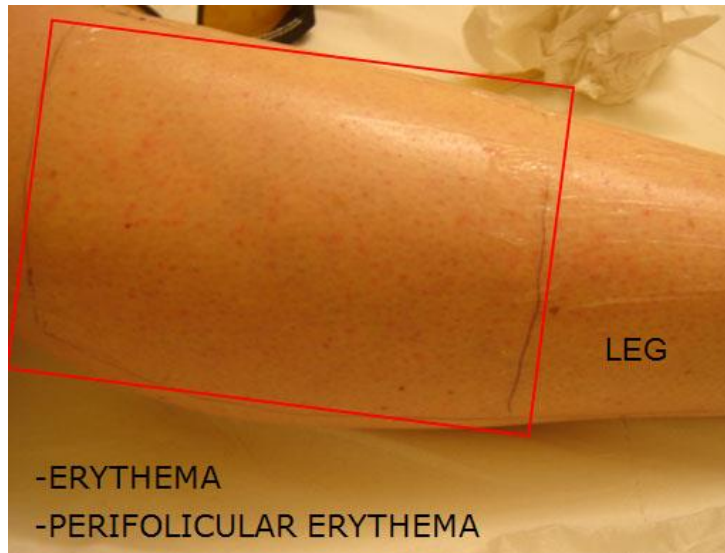
	Duration (ms)	Frequency (Hz)	PASSES	TOTAL SESSIONS
Axilla	30~45	3~5	2~3	3~5
Arm	40~50	6~8	3~4	3~5
Beard(W)	40~50	2~3	2~3	4~5
Beard(M)	30~40	2~3	2~3	3~4
Leg	35~50	6~8	3~4	5~6
V-Line	30~50	3~5	2~3	3~5
Fore Head	35~40	2~3	2~3	3~4
Abdomen	40~50	6~8	2~3	5~6
Skin Whitening (Toning)	40~60	6~8	3~4	6~8
Skin Tightening	60~70	5~7	2~3	4~6

Paint Brush Pattern



TREATMENT END POINTS:

- Erythema is indicative of a good treatment
 - Peri-follicular erythema
- Repeat 1 Grid Treatment (15cm x 10cm) to deliver the heating energy dose to the targeted area .
- 2~3 passes
- 3~4 weeks period between sessions
- 5~6 sessions, due to different hair growth processes
- Anesthesia cream in case of face treatment only



Before & After



4 wks After 2 Treatments



5 wks After 1 Treatments



5 weeks after two treatment



3 weeks after one treatment

Thank You!

Q&A



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