

S IPL-11



More effective and safe

- ◆ Advanced multi pulse system
- Higher energy density delivery without side effect
- ◆ Dual safety system
- Electronic & Optical safety sensor
- ◆ Auto lamp calibration system

Easy and nice

- ◆ Intelligent cooling system
- ◆ Auto start and 10 step's energy level
- ◆ Convenient design
- Storage area for lamp module & power cable

Clinical Results

- Conducted 1times
- Male : 5 Persons(20s~40s)
- Effects may differ on individuals



Before



After



Before



After

What is the Advanced Multi Pulse(AMP)?

In case that the light flash to skin or hair, pigmentation of hair is activated and temperature of skin and hair raised.

However, temperature of skin is transferred to surrounding skin tissue in 3~7ms (skin TRT : skin thermal relaxation time) and temperature of hair is transferred to surrounding hair in 40~100ms. After that, temperature of skin and hair get down transferring it's temperature to surrounding tissue.

Hair removal starts after the temperature is over target temperature. If temperature reaches to designated temperature in one shot, then, temperature of skin also raises. Current hair removers in market are classified with 3 types in accordance with flashing of light, namely, single pulse method, multi pulse method and advanced multi pulse method.

	Flashing method	Explanation and Safety	Effect of energy delivery	Effect of hair removal
Single Pulse		<p>In case that light is flashed in one shot or double shot, both temperatures of hair and skin raise simultaneously. As a result of that, both temperatures of skin and hair become almost same so that side effect can be happened at a high rate.</p>	Normal	Normal
Multi Pulse		<p>The multi pulse transmits the light in a form of several division but this is in case that the interval between light and light is only 150ms or above. Simultaneously, in raising the both temperature of skin and hair by light, there happens the temperature difference between skin and hair during the discontinuity of light flashing. Contrary to single pulse, this difference happens due to the difference of cooling between skin and hair. In conclusion, the side-effect at multi pulse is fewer than single pulse.</p>	Better	Better
Advanced Multi Pulse		<p>This advanced multi pulse (AMP) divides and transmits light in 3 times or above to the designated skin or hair. At the same time, be sure to let the interval between light and light be longer than skin's TRT. This is in order to make the temperature of skin be calmed down. Simultaneously, be sure to let the entire flash-ing time be shorter than hair's TRT. Then, the hair's temperature raise up in a accumulation pattern whenever light is flashed. As a result of that, the difference of temperature between skin and hair becomes largest. Accordingly, the possible side-effect is least.</p>	Best	Best