

# IPL OPT Machine P1

With Optimal Pulse Technology - OPT™



# IPL Technology-OPT

## Optimal Pulse

### Optimal Pulse Technology - OPT™

OPT is the use of cutting-edge intense pulsed light technology, belongs to the fourth generation of photonic technology. Perfect OPT (Optimal Pulse Technology) core technology, the use of three-dimensional technology concepts: energy + Pulse Width + pulse waveform. Due to changes the pattern of treatment light output, intense pulsed light is a revolutionary in the development, not only greatly improve the efficacy but also safety.

### Optimal Efficacy and Safety

OPT™ allows:

● **Reliability**

The energy you choose is the energy you get

● **Safety**

Equal energy distribution over the entire pulse, no energy peaks that may lead to undesired effects and no energy drops that result in mistreatment

● **Efficacy**

Reproducible results

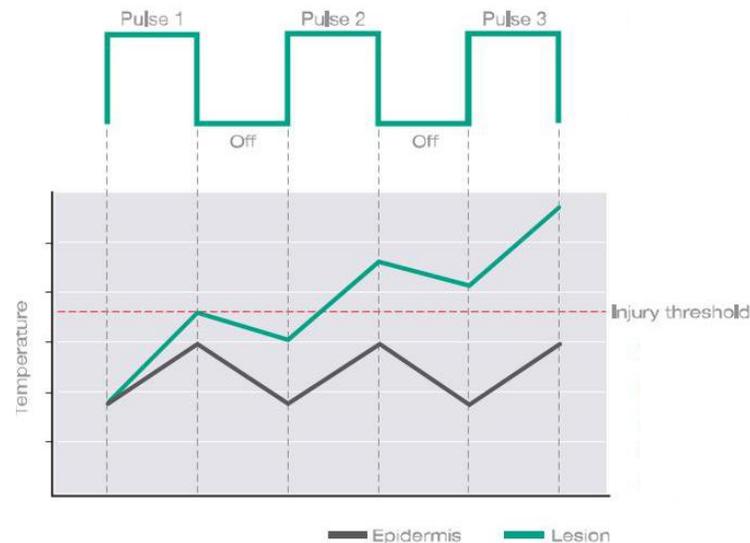


### OPT means:

- ▲ consistent delivery of precise energy, safely and with reproducible results
- ▲ the ability to treat darker skin types as well as vascular and pigmented lesions

### OPT gives you:

- ▲ the ability to control each individual pulse shape
- ▲ high peak power, shorter pulses for optimal photorejuvenation and treatment of benign pigmented lesions
- ▲ homogeneous power over long pulse durations for consistent, reproducible results



### How it works:

- ✂ during the pulses, light energy is delivered
- ✂ during the delays, the tissue cools
- ✂ more energy is safely delivered to the target



# IPL

Skin Treatments

## Hair Removal

### What is IPL Hair Removal?

IPL hair removal is a safe, non-invasive treatment that permanently reduces the number of re-growing hairs. Light pulses are used to damage hair follicles, and impair their ability to grow hair. Damaged hair follicles are eliminated, with excellent long-term results.

### How does it work?

Highly controlled pulses of light are emitted with the IPL handpiece from a smooth, transparent Light Guide and are selectively absorbed by the hair follicles lying below the surface of the skin. The absorbed light heats the hair, which damages the re-growth potential of the follicle – all without damaging the surrounding tissue.

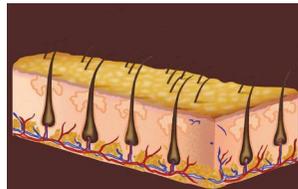
### Which hair and skin types can receive IPL hair removal?

IPL hair removal is effective on most hair with pigment: black, brown and red hair can be effectively reduced. IPL hair removal is safe for most skin types.

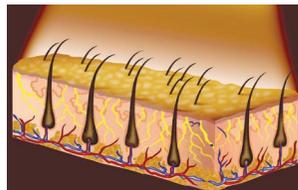
### What is an IPL hair removal like?

IPL hair removal is typically performed in a health care professional's office. Your treatment begins by shaving away the hair in the treatment area. A cold gel is usually applied to the area to be treated, and you may be given dark glasses or goggles to protect your eyes from the bright light. The pulses of light are applied to your skin, damaging the hair follicles and their ability to re-grow hair. You may feel a slight stinging with each light pulse, though most people tolerate the treatment without local anesthesia. When the gel is removed, much of the hair is wiped off with it. The remaining hair in the treated area falls out over the next week or two.

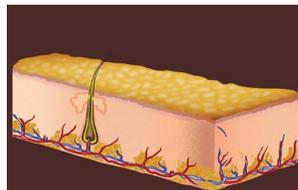
#### Intense Pulsed Light



**Before Treatment**  
Parameters are set to ensure effective hair removal and skin safety.



**During Treatment**  
Pigment in hair shaft absorbs the light. The resulting heat damages each follicle.



**After Treatment**  
Damaged hairs are eliminated, with excellent long-term results.

### What should you expect?

The appearance of the treated area immediately following treatment will vary from patient to patient, depending on the extent of the procedure and the skin type. You may experience some slight reddening or local swelling at the treatment site, which are in fact, positive clinical results and indicate that the follicle has responded to the treatment. Treatment is generally administered in a series of four to six sessions that yield excellent long-term results. Side effects are rare, and if they do occur, are typically minor. Most people return to normal activity right away.



Highly controlled pulses of light are emitted with the IPL handpiece and are selectively absorbed by the hair follicles, damaging their potential for regrowth.

# IPL Skin Treatments

## Acne Removal

Gentle treatment that addresses both the p.acne bacteria, as well as the pigmentation and redness of your skin

It's a fast "lunch-time" treatment with no downtime and less side effects than oral medication

Improve your skin appearance and gain your confidence back with just a few treatments

### What is it?

#### The IPL acne solution

The IPL (Intense Pulsed Light) Acne treatment enables your physician to greatly improve your skin appearance, reduce your acne, while at the same time treat the redness and pigmentation of your skin.

The unique P1 IPL technology utilizes light flashes over the treated area, triggering biochemical response that will eventually eliminate the bacteria within the pores. IPL is a non-invasive solution on inflammatory acne with less collateral effects than oral medication.

#### Is It right for me?

P1 energy-based treatments are not suitable for everyone and carry some risks. IPL for acne is not suitable when you have active viral or fungal skin conditions or skin cancer. Risks may include: redness, swelling and change of pigmentation. Be sure to consult with your treatment provider before choosing this treatment.

### What should I expect?

#### When will I see results?

During the P1 IPL acne treatment, short pulses of intense light are emitted from an applicator onto your skin. The light penetrates through various skin layers and helps eliminate acne bacteria and reduce the inflammation or sebum excess (skin oil) production that characterizes acne. Depending on the acne severity, it may take typically 4-6 sessions with a recess of 4 weeks in between treatments to see improvement on your skin.

#### What can I expect after treatment?

Immediately following treatment, you may experience some redness, depending on your customized treatment settings. The redness will usually disappear within a few hours. In most cases, makeup may be applied immediately, and daily activities can be resumed the very same day.

### How does it work?

#### IPL acne technology

IPL is one of the most commonly administered form of light therapy in dermatological applications. IPL systems are designed to deliver many rapid, highly intense and controlled pulses of light – the controlled pulsing prevents thermal damage to your skin and minimizes discomfort. IPL technology treats your acne with specific wavelengths of light targeting bacteria in the skin, as well as inflamed sebaceous glands that contribute to break-outs. IPL energy (at various wavelengths) is also used to selectively destroy pigment clusters, blood-filled capillary veins, or hair, depending on the intended nature of the treatment.

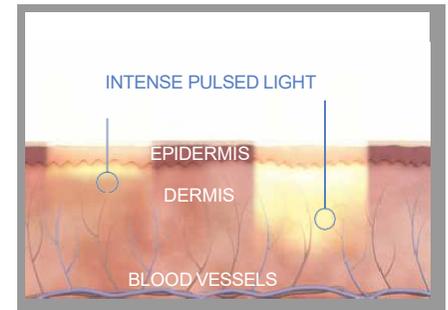
#### The treatment

To ensure utmost comfort, your physician should apply cold coupling gel on the treatment area. Depending on your specific concern, you can expect the session to last 15-20 minutes.

You may experience a warm sensation as the light is applied to the skin, but the treatment is gentle and should not feel uncomfortable.



Your physician may advise you to stay out of direct sun for a few days following the treatment and to apply sun screen regularly.



Filtered light specifically targets the bacteria in the skin as well as inflamed sebaceous glands