

IPL vs. Laser, IPL & Rosacea
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Laser technology operates on an extremely condensed narrow beam that must deliver a lot of energy within a short time. When activated, the laser technology heats the surface of the skin up to 700°C and can cause unwanted burns and pigmentation, requiring the laser to be cooled at the source.



Several tests for pigmentation must be performed before laser treatment. The laser application feels like snaps of a rubber band (or much worse) and some clients will then not come back for more treatments.

IPL is a light that turns into energy when applied by pulse to the skin. The pulse is like a camera flash. The IPL's GEM Technology is a unique way to deliver energy to a predetermined target. The GEM Technology manages to concentrate

the bulk of the energy in a geometrical plane positioned under the skin. Due to the concentration of energy there is no need to overload the skin with any excessive energy.

The active IPL energy is distributed equally to a large area and the temperature on the skin will be 70°C at most. This allows deep penetration of the light into the skin with no damage to its surface. The IPL application feels like a puff of warmth on the skin, thus most clients prefer this technology to any laser treatment.

IPL & Rosacea

Rosacea is associated with dilated blood vessels and inflammation in the skin. The skin is often also infected by bacteria. In some cases the eyes or other body parts are also affected. Rosacea may begin early, but distinct and serious symptoms usually develop as an individual ages.

The following are the primary symptoms of Rosacea:

- Permanent redness in the skin
This redness can get better or worse periodically.
- Flushing or redness that comes and disappears periodically.
- Telangiectasia (a distinct widening of small blood vessels in an area)
- Papules (small dome-shape spots filled with fluid, often in groups)



IPL vs. Laser, IPL & Rosacea (cont.)

Skin areas with rosacea symptoms often get infected and the infection worsens the symptoms. Sometimes infection makes the papules develop into real pimples or pustules. Pimples from acne and Rosacea may exist together.

Rosacea also implies secondary symptoms that are caused by the primary symptoms, or appear later than the primary ones such as:

- * Burning or stinging
- Scaling, often associated with burning or stinging
- Dry skin, often occurring before scaling
- Thickening of the skin or lumps
- Distended hair follicles
- Rosacea in places other than the face

The exact causes are not known, but some people seem to inherit the tendency of developing rosacea. It is important to understand that there is essentially no cure for rosacea, but there are many treatment options that can bring the condition under control.

Your doctor will recommend the best treatment for you and that may include medication, topical creams, or IPL photo rejuvenation.

The IPL machine meets all Safety Standards:

Canadian & US Safety Standards, International Medical Standards, and CF Government Health Approval. It has recently been approved by Health Canada. Our staff have been extensively trained on this machine and the technology.

Written By: Joanne Fruman