

Clinical Results



BEFORE varicose/spider veins



AFTER 3 treatments

Marc Trester, MD, Allentown, Switzerland



BEFORE spider veins



AFTER 4 treatments

Marc Trester, MD, Allentown, Switzerland



BEFORE spider veins



AFTER 2 treatments

Vigna Vascular Assoc, Norfolk, VA



BEFORE complex networks



AFTER 1 treatment

Nat Szabo, MD, New York, NY



BEFORE spider veins

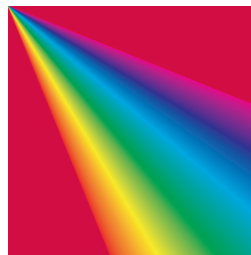


AFTER 6 treatments

Scott McElroy, MD, Norfolk, VA

Our practice is pleased to offer IPL and laser leg vein treatments. Ask your physician to tell you more about your treatment, possible side-effects and what results you can expect during your consultation. Be sure to also ask your physician about all the other benefits of IPL treatments!

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**IPL<sup>®</sup>**  
Skin Treatments  
& Laser



for Leg Veins

The latest advancement in  
IPL and Laser treatments

**lumenis**

# IPL<sup>®</sup> & Laser

Skin Treatments  
for Leg Veins

## What are IPL and Laser Treatments for Leg Veins?

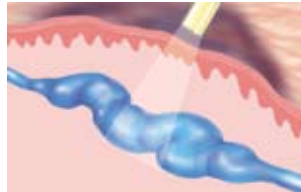
IPL and laser technologies are used separately, and in some cases, together to treat surface veins as well as larger, deeper veins. Light and laser energy are used to selectively target hemoglobin and force the vessel wall to collapse. Over time, the vessel disappears. Unsightly leg veins of all types can be treated – simply, non-invasively and successfully.

## How does it work?

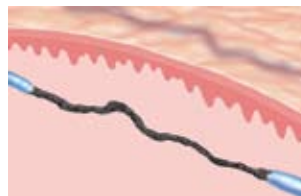
Surface veins are treated differently than larger, deeper veins. Surface veins are treated with IPL, which uses light energy to selectively target the surface veins. The light energy is absorbed by the hemoglobin (blood), which turns into heat. The blood coagulates causing the vessel wall to collapse, and over time, the vessel is reabsorbed by the body and disappears – all without damaging the surrounding tissue.

Larger, deeper veins are treated with laser technology. These veins respond to a certain wavelength of laser light, selectively absorbing the laser light. As with surface veins, the laser light is converted into heat which results in coagulated blood. The vein is destroyed and is reabsorbed by the body—all without damaging the surrounding tissue.

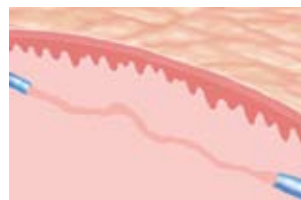
### Intense Pulsed Light



**During treatment,** intense pulsed light or non-invasive laser energy is absorbed by hemoglobin and converted to heat energy.



**Immediately after treatment,** blood coagulates and the vessel wall collapses.



**After treatment,** over time, the vessel is reabsorbed by the body and disappears.

## What are treatments like?

IPL and laser technologies are typically performed in a physician's office. First, 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, and you may feel a slight stinging. Treatment is generally administered in a series of sessions, often over a few months before the effect is complete. You will see gradual improvement that yields excellent long-term results with very low risk and very minimal downtime.



Light and laser energy are used to target and treat surface veins, as well as larger, deeper veins.