



**ADVANTAGES OF
LASER VEIN TREATMENT**

- In-office procedure
- No hospitalization
- Resume activities the next day
- Minimal discomfort
- Proven treatment
- Little or no side effects
- FDA-approved



MACOMB

DOING WHAT'S BEST.®

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19MM054-319



VEIN CENTER

**Minimally invasive, highly effective treatment
to eliminate unsightly veins**



VEIN DISORDERS

In the United States, more than 50 percent of the adult population suffers from a type of vein disorder. The most common types are varicose and spider veins, which are superficial and vary in color and appearance.

TYPES OF DISORDERS

Varicose veins are often enlarged and, over time, appear ropy under the skin. This enlargement is caused by malfunctioning or leaking valves known as venous reflux disease, which can lead to symptoms including pain, swelling, aching in the legs and skin disorders.

Spider veins are small blue or red vessels that appear near the surface of the skin. These vessels mainly appear on the legs and face.

Treatment methods vary based on the type of vein and the presence of venous reflux disease. Diagnosis is confirmed with an ultrasound scan and visual inspection. Our physicians will determine if you are a candidate for treatment based upon the severity of your symptoms and diagnosis.



VARICOSE VEIN TREATMENT

Endovenous laser treatment is used to correct venous reflux. The procedure is performed on an outpatient basis and often within the comfort of our office. Using ultrasound guidance, a catheter is inserted through a small incision behind the knee. A laser fiber is then inserted into the catheter and used to deliver energy while the fiber is being withdrawn from the leg to close the diseased vein.

Once the procedure is complete, the blood is re-routed to healthy veins. A small bandage is placed over the incision site and a compression dressing is placed over the treated area. Walking is encouraged immediately following the procedure and patients can return to work the next day.

The endovenous laser procedure has proven to be highly effective for the treatment of venous reflux disease with a reported 95 to 97 percent success rate at a 12-month follow-up.



Before



After

SPIDER VEIN TREATMENT OPTIONS

There are a number of different methods used to treat spider veins. One method utilizes a laser that applies energy to the surface of the skin, eliminating blood flow through the vein. Immediately following treatment, veins will be similar to a scratch in appearance. Most sessions last between 10 to 30 minutes. The length and number of treatments vary based on the condition.

Other treatments include sclerotherapy, which involves injecting a solution into the vein or a combined laser and sclerotherapy treatment. Speak with our physicians about which method is right for you.

Spider veins are not a definitive indicator of venous reflux disease and may appear on a patient with healthy vein valves. Only an ultrasound diagnosis can determine the presence of venous reflux disease. If venous reflux disease exists, this may be treated before the treatment of spider veins.



Before



After