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- Treatment of Peripheral Vascular Disease
- Endovascular Stents for Abdominal Aortic Aneurysm
- Venous Lysis for Deep Vein Thrombus
- Percutaneous Vertebroplasty for Compression Fractures
- Facet Steroid Block and Epidural Steroid Block Injections for back pain
- Laser/Mechanical Disc Decompression
- Uterine Artery Embolization for treatment of Uterine Fibroid Tumors
- Biopsies
- Sclerotherapy
- RF Tumor Ablation Procedure
- Port Placement
- Chemoembolization

SUMMIT RADIOLOGY  
INTERVENTIONAL CLINIC

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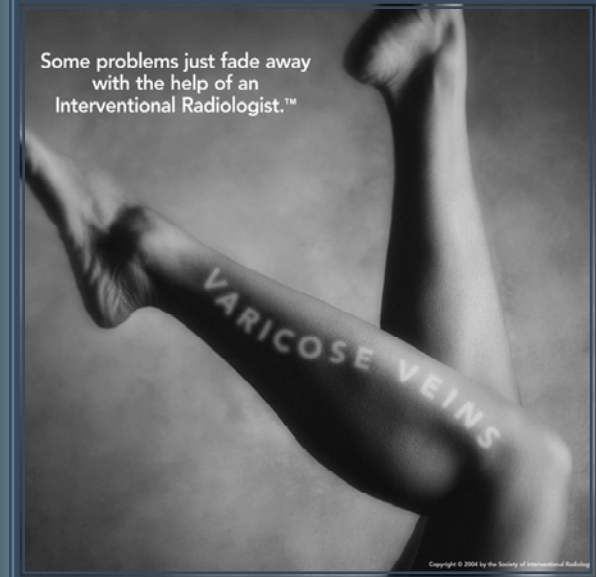
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*Laser Vein Ablation  
For  
Varicose Veins*

Some problems just fade away  
with the help of an  
Interventional Radiologist.™



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## *Endovascular Laser Vein Ablation for Varicose Veins*

Venous insufficiency is an abnormal circulatory condition. With this condition there is a decreased return of blood from the leg veins up to the heart, and pooling of blood in the veins.

Valves in the vein normally close to keep blood from flowing downward with gravity. When the valves in the vein become weak and fail to close properly, they allow blood to flow backward, or *reflux*. Varicose veins are prominent veins that have lost their valve effectiveness. These veins become elongated, rope-like, bulged and thickened under pressure. A common cause of varicose veins is reflux within the greater saphenous vein in the thigh.

### *Symptoms*

Symptoms in the leg caused by venous insufficiency and varicose veins include aching pain, fatigue and heaviness. These symptoms usually worsen as the day progresses. Many people find they

need to elevate their legs to relieve these symptoms. Symptoms can be present even if the spider or varicose veins are not visible.

In more severe cases, venous insufficiency and reflux can cause skin discolorations and ulceration. One percent of adults over age 60 have chronic ulceration.

### *Minimally Invasive Vein Ablation Treatment*

This minimally invasive treatment is performed under local anesthesia in an outpatient setting. The interventional radiologist inserts a thin catheter about the size of a strand of spaghetti into the vein. Laser or radiofrequency energy is then applied to the inside of the vein. This heats the vein and seals the vein closed. When the greater saphenous vein is closed, the twisted and varicose branch veins close to the skin shrink and improve in appearance. Healthy veins reestablish normal blood flow to the leg once the diseased vein is closed.

The interventional Radiologist will discuss all aspects of the procedure once it is determined that you are an appropriate candidate for laser intervention.

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### *Benefits of Vein Ablation Treatment*

- *Time involved—requires only one to two hours*
- *Immediate return to normal activity*
- *Little or no pain*
- *No scarring or stitches*
- *High success rate*
- *Low recurrence rate in comparison to surgery*

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*To schedule an appointment please call:*

**(260) 435-7951**