

# YOUR NEXT STEPS

At **(YOUR CENTER NAME HERE)**, our goal is to provide an atmosphere where exceptional care and healing can take place. We promise to always collaborate with your healthcare providers to tailor a treatment plan that best suits your needs. We are also dedicated to providing timely, knowledgeable care in a warm and comfortable setting.

To learn more or schedule your **FREE vein screening**, call our team today at **(YOUR CENTER PHONE #)** or visit **(YOUR WEBSITE HERE)**!



**PHYSICIAN NAME**

**Physician  
Bio  
Here**

# WHATEVER YOUR NEEDS, YOUR HEALTH IS OUR PRIORITY



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# Understanding the Detection, Diagnosis, and Treatment of Venous Disease



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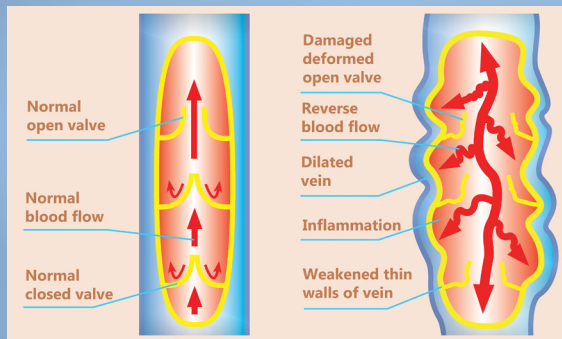
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## What is Venous Disease?

Venous disease occurs when the intravenous circulation within a patient's body functions improperly. In other words, when a patient's blood flow is adversely obstructed and their blood stagnates and pools, thereby causing pain and swelling in the extremities.

Venous disease is not always predictable, although patients should be aware that they are more likely to contract such problems if...

- They have a family history of venous disease
- They are obese
- They are inactive
- They are or were a smoker
- They work a job that requires them to be standing or sitting for long periods of time
- They have a history of pregnancy



## What Are The Symptoms Of Venous Disease?

Depending on the nature of one's medical history and current circulatory efficiency, different patients may experience different symptoms. That being said, some of the most commonly experienced symptoms include...

- Swelling in the legs or ankles
- Skin discoloration
- Varicose veins
- Spider veins
- Pain or itchiness in the legs
- Pain or discomfort that arises when moving and abates during rest
- Heavy feeling in the legs
- Leg ulcers and wounds that do not heal

## What Can I Expect From The Diagnosis Process?

Physicians commonly rely upon venous ultrasound studies to diagnose venous complications. This painless and non-invasive method uses high-frequency soundwaves to generate internal images of a patient's body in real-time, including the flow of blood through their blood vessels.



## What Treatment Options Are Available To Me?

Here at **(YOUR CENTER NAME HERE)** we offer a range of management and treatment techniques to ensure the highest level of care possible. When you visit our team, we will work with you to determine which of the following treatment options may best suit your body:

### Sclerotherapy

Commonly used to treat spider veins, sclerotherapy involves the injection of a solution in order to irritate the lining of an unhealthy blood vessel, causing it to shrink and collapse. The advantages of sclerotherapy include no downtime, no scarring, long-lasting results, and more.

### Varithena™

Using revolutionary microfoam technology, Varithena™ is an FDA-approved treatment method for safely and effectively eliminating unhealthy veins. Specifically, the Varithena™ microfoam interacts with the vein walls to irritate and collapse diseased veins. Once a vein is collapsed, the microfoam is pushed out in order to distribute the agent amongst other venous pathways, thereby treating the entire targeted region while dissolving harmlessly once it comes in contact with healthy veins.

### VenaSeal™

FDA-approved and medically formulated, VenaSeal™ is a simple and innovative method for closing non-functioning or poorly-functioning superficial veins with an adhesive agent. VenaSeal™ requires no anesthesia and uses only a small catheter combined with external pressure to seal the unhealthy veins in question.

### RF Ablation

Radiofrequency Ablation, or "RF Ablation," is a minimally-invasive treatment that targets collagen found within the vein walls with short bursts of radiofrequency energy. This energy shrinks and eliminates certain veins in order to reroute blood flow to healthier veins and is administered via a catheter.

### Laser Ablation

Laser ablation is designed to function similarly to that of RF Ablation in that it is a minimally-invasive treatment that uses only a catheter to deliver vein-collapsing energy. This method, however, uses a small laser to ablate or close the veins in question as opposed to radiofrequency bursts.

### Deep Venogram

If a patient has received previous treatment for venous diseases but is not seeing the results they want, their symptoms may be rooted in a more comprehensive issue involving their deep vein system. In this case, a physician may inject contrast into the deep venous system in order to determine the cause of swelling, pain, non-healing wounds, and discoloration in the lower extremities for further, more effective treatment. Intravascular ultrasound is also used to most accurately determine venous disease with possible stent placement to restore healthy blood flow.