Millions of men and women suffer from varicose veins. Risk factors include medical and/or family history, increasing age, hormonal changes, pregnancy, obesity, sun exposure or a sedentary lifestyle.

The majority of vein treatments are covered by insurance.

Procedures typically take less than an hour.

Convenient SouthPark and Lake Norman locations.

Schedule your consultation online at CRveins.com

Treating vascular pain at its source.
Escape the pain.
Charlotte Radiology Vein Centers offer the latest in minimally invasive procedures for the treatment of varicose and spider veins, venous reflux and other medical conditions. Our interventional radiologists are highly experienced and subspecialized in vascular care, able to treat pain right at its source. And most procedures are covered by insurance.

What is an interventional radiologist?
Interventional radiologists are board-certified physicians who specialize in minimally invasive, targeted treatments. Using technology such as CT, X-ray or ultrasound for image guidance, these physicians are able to directly access the disease site using catheters and other fine instruments, often through punctures as small as a pencil tip. These targeted procedures minimize trauma to the body, reduce infection rates and recovery time, and typically cost less than traditional surgery.

Our interventional radiologists perform minimally invasive procedures at our Vein Centers to treat the following conditions:

▶ VENOUS REFLUX DISEASE
With venous reflux, or vein disease, weakened or damaged vein valves result in reflux (or backward) blood flow within the veins. Blood begins to pool and pressure builds, which may cause varicose veins, pain, swollen limbs, leg heaviness and fatigue, skin discoloration, and itching, cramping, burning or tingling sensations in the legs or feet. Venous reflux is diagnosed through a physical examination and a vascular ultrasound to evaluate blood flow within the veins. Physicians will recommend a course of treatment, which can include conservative treatment with medical-grade compression stockings, or endovenous laser treatment (EVLT) or radiofrequency (RFA) ablation.

EVLT is minimally invasive with a 98% success rate. The entire procedure, from start to finish, takes about an hour and is performed in an outpatient setting. Using ultrasound guidance, a radiologist inserts a small optical fiber into the varicose vein. Using a laser, the vein is heated and closed off. Once the vein is sealed, the blood is naturally rerouted to other healthy veins.

▶ VARICOSE VEINS
Varicose veins are the most obvious visual indication of vein disease, appearing “ropey” and thick, twisting and turning beneath the skin’s surface. They are the result of weak or damaged valves within leg veins, ultimately causing blood to pool and push vein walls outward. This often leads to enlargement and bulging of the vein. But not all varicose veins are visible. Symptoms can be quite painful, including aching, burning, cramping, fatigue, or feelings of heaviness in the legs, as well as possible skin discoloration and/or open sores.

Physicians will recommend a course of treatment, which can include conservative treatment with medical-grade compression stockings, endovenous laser treatment (EVLT) or radiofrequency ablation (RFA), followed by foam sclerotherapy.

▶ SPIDER VEINS
Spider veins are smaller than varicose veins and closer to the surface of the skin. They appear as thin, jagged red or blue lines that resemble spider webs. They are common on the legs and can cover very small or very large areas of skin. The recommended treatment is sclerotherapy, a minimally invasive procedure that involves injecting a solution that causes the spider veins to seal shut.