



Varicose Vein Treatment Includes Radiofrequency Closure Option

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Patients with varicose veins have procedural options beyond traditional surgical vein stripping. Utah Vein Specialists offers the VNUS Closure procedure as part of its range of care for vein disorders, alongside sclerotherapy, ambulatory phlebectomy, compression therapy, and conservative management. The outpatient Closure procedure uses ultrasound guidance and radiofrequency energy to close a targeted diseased vein, offering an alternative to varicose vein treatment when a physician determines it is appropriate.

The VNUS Closure procedure is performed using local anesthesia. During the procedure, a physician uses an ultrasound to guide a small catheter into the affected vein through an opening in the skin. Radiofrequency energy is then delivered to the vein wall as the catheter is withdrawn. According to the treatment description provided by Utah Vein Specialists, controlled heating causes collagen in the vein wall to contract, closing the treated vein so that blood can flow through other functioning veins.

As with other medical procedures, radiofrequency vein closure is not appropriate for every patient or every type of vein disorder. Medical history, symptoms, vein anatomy, ultrasound findings, and other clinical factors

can influence whether the procedure is considered. Potential procedural risks and individual limitations should be discussed with a physician before treatment.

Utah Vein Specialists also provides sclerotherapy for diseased surface veins. The non-surgical office procedure involves injecting medication into a targeted vein. Ultrasound guidance may be used when necessary to assist with placement. The injected medication causes the walls of the treated vein to close together, after which the vein is gradually reabsorbed by the body. The number of treatments can vary depending on the size and extent of the affected veins.

For larger-surface varicose veins, ambulatory phlebectomy is another procedural option. The treatment is performed under local anesthesia and involves removing targeted veins through small skin punctures. The procedure differs from both injection-based sclerotherapy and catheter-based radiofrequency treatment, illustrating why the location and characteristics of a diseased vein matter when considering care.

No procedure is presented as universally appropriate. Sclerotherapy, phlebectomy, and radiofrequency closure involve different techniques and considerations, and patients may need to discuss possible side effects, risks, expected recovery, and treatment limitations with their physician. Visible veins can also differ substantially in size and underlying cause, making an examination important before selecting a procedural approach.

Conservative care remains part of the discussion as well. Compression hose may be used to help manage symptoms associated with blood pooling in the legs and can be recommended alongside other forms of vein care. Utah Vein Specialists notes that compression garments address symptoms rather than the underlying cause of a vein disorder.

Lifestyle measures may also be discussed as part of general vein care. Utah Vein Specialists recommends avoiding prolonged periods of sitting or standing when possible and incorporating movement into daily routines. Walking, periods of leg elevation, and avoiding restrictive clothing are among the measures the practice recommends to support normal circulation. Such steps do not replace medical evaluation or procedural treatment when a vein disorder requires clinical care.

The availability of several approaches gives physicians different methods for addressing spider veins, larger surface veins, and other diseased veins. For patients researching varicose vein treatment, understanding the distinction between conservative management, injection therapy, vein removal, and catheter-based closure can provide useful context before a consultation.

Utah Vein Specialists provides evaluation and treatment for varicose veins, spider veins, and related vein disorders in Utah. Under the care of Dr. Peter Jensen, the practice offers sclerotherapy, ambulatory phlebectomy, the VNUS Closure procedure, compression therapy, and conservative vein-care guidance. Individual treatment recommendations depend on clinical evaluation and the characteristics of the affected veins. For more information about available vein treatment options, visit <https://www.veinsmatter.com/>.

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