

Non-invasive and minimally-invasive treatments for varicose veins

Varicose veins or varicose veins are those painful, enlarged, enlarged veins that have irregular twisted threads in which the blood does not circulate as normal, due to the loss of elasticity of the walls of these blood vessels.

They usually develop at the feet and we can see them on the surface of the skin, coming out in relief. It is not a disease that puts our lives in danger, but often, varicose veins can cause discomfort, being a permanent venous dilation.



How To Get Rid Of Varicose Veins: [Top Vein Specialists Houston](#) have developed newer technologies (in addition to existing ones), to remove these venous dilations through minimally-invasive or non-invasive procedures.

Non-invasive and minimally invasive

It is good to know that a non-invasive procedure is non-surgical and does not involve surgical equipment or instruments that cut the skin or enter the body. Minimally invasive procedures involve making small incisions in the skin of the patient with varicose veins

Vein Treatment Center Near Me: Endovenous laser ablation

Laser ablation is similar to radiofrequency ablation, except that the method uses laser and not radiofrequency (another type of energy). As with the above procedure, laser treatment involves the use of a catheter inserted into the patient's vein and the use of ultrasonography to guide the catheter into the correct position.

A very small laser is inserted through the catheter and positioned above the varicose vein. The laser transmits energy in short intervals to heat the vein and to close it. The laser is pulled back very slowly along the vein, the physician being guided by ultrasonography, allowing the entire length of the vein to be closed. This laser treatment is performed either under local anesthesia or under general anesthesia.



Important!

Laser treatment and radiofrequency ablation are most often used to treat deeper veins in the legs.

[Best Vein Specialist Near Me](#): The risks of non-invasive treatments for varicose veins

Non-invasive treatments are generally very safe, but sometimes there are risks. All procedures may have a risk of occurrence regarding:

- allergic reaction to anesthesia
- bleeding
- aging
- scarring
- infection

Benefits of treatment for varicose veins by endovenoid ablation

- The treatment lasts less than an hour and immediately relieves the symptoms.
- You can return immediately to normal activity, with little stagnation or without any pain. Minor inflammation or bruising can occur, which can be easily treated.
- There are no scars or stitches, because the procedure does not require a surgical incision, only a small puncture in the skin, about the size of a pencil tip.
- It has a high success rate and a low recurrence rate compared to conventional surgery.
- The success rate varies with endovascular ablation between 93% and 97%.

Alternatives: surgical treatment of varicose veins

The traditional treatment method for varicose veins is surgical ligation, with or without venous stripping. This procedure can be more painful and most of the time it takes a longer recovery time than in the case of endovenous ablation. In addition, surgical treatment of varicose veins is associated with a higher recurrence rate.