



FOX VALLEY
PLASTIC SURGERY, S.C.

» Vein Center

ClariVein® IC



One of the newest endovenous ablation technologies, ClariVein® treatments are non-thermal, non-tumescent, easy to use, and minimally invasive. The ClariVein® System does not require anesthesia and will not cause thermal agitation. Using the sclerotherapy technique, which is already commonly used to treat varicose veins, ClariVein combines a mechanical destruction of the vein and a sclerosing agent to treat bulging varicose veins and their underlying causes. It has a special catheter with a rotating tip, and requires a tiny entry point in the skin. ClariVein is performed using a local anesthetic with ultrasound visualization of the veins.

1. What is ClariVein?

Also referred to as mechanochemical ablation, ClariVein uses a fully disposable, minimally invasive infusion catheter with a rotating wire tip for a controlled 360-degree dispersion of physician-specified agents to the treatment area. ClariVein has a thin catheter

(tube) that we temporarily insert into the peripheral vasculature through a pin-sized entrance point. Because it is several times smaller than other devices used in peripheral vascular treatments, it allows the entrance point to be smaller.

2. Why choose ClariVein?

ClariVein is designed with a low profile for ease of entry and patient comfort to facilitate fast return to work and normal activities. The ClariVein System is designed to only require local anesthetic at the access site based on patient need and physician preference. The advantages of ClariVein include:

- no tumescent anesthesia is required (anesthesia applied to the length of the vein, which is needed in other endovenous ablation procedures)
- little or no discomfort during the procedure
- only minimal post-procedure bruising or pain if any at all

3. How many treatments are needed?

You may see results with as little as one treatment, depending on the number and size of your varicose veins. Treatment sessions are separated by a minimum of 5 days.

ties as quickly as the same day of treatment. Avoid heavy exercise for 1 week after the treatment. Walk at least 10 minutes a day for 1 month, and avoid long periods of inactivity.

ClariVein® IC is a specialty infusion catheter with a rotating wire tip designed for the controlled 360-degree dispersion of physician-specified agents to the targeted treatment area.

The ClariVein® is fully disposable, minimally invasive, and can be efficiently used in an office setting.



4. Day of Procedure

Patients need to remember to bring their compression hose to the appointment. The entire procedure takes less than 60 minutes without requiring the use of tumescent anesthesia. Using ultrasound technology, we insert a needle to locate the varicose vein wall. Once positioned inside the peripheral vasculature via a pin-sized entry through the skin, the rotating wire of ClariVein is activated to deliver the medication. The medicine is delivered via the unique rotating dispersion wire tip of the catheter facilitating 360-degree coverage of the vessel and the vessel wall.

5. Recovery

You may resume light activi-

You will put on a compression stocking to the treated area, which should remain dry. The compression stockings must be worn day and night for the next 3 days. Then they should be worn only during the day for up to 2 weeks. Compression stockings must be continuously worn for up to 2 weeks (14 days total). We will tell you whether to wear full stockings, thigh-high or knee-high stockings.

6. Risks

Like all medical procedures, treatment with ClariVein may cause side effects in some patients. The most common side effect is leg pain or discomfort. In the majority of cases, leg pain stops within one week. The other common

ClariVein® Infusion Catheter Designed to:

- + Reduce discomfort
- + Speed recovery
- + Deliver proven results



side effects are injection site bruising or pain, and potentially serious blood clots in the leg veins. These are not all the possible side effects of ClariVein.

7. Pricing

While many insurance carriers cover varicose vein treatment, some individual insurance companies may limit the types of therapy which are covered. Coverage may depend on the severity of the varicose veins and symptoms. We will check to see if your plan covers this expensive, but safer treatment. Our recent experience with insurance pre-authorization showed coverage only with Network Health Insurance and Security Health Insurance. However, coverage changes routinely so pre-authorization is required so that no one is stuck with an unexpected bill. Patients are still ultimately responsible for any co-pays, deductibles, and any other non-covered insurance charges. Patients without insurance coverage should call for an individual consultation to get a custom quote for vein treatment.



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