

ClariVein

ClariVein is a new technique to treat varicose veins. It is even less invasive than Endovenous Laser Ablation (EVLA) and Radiofrequency Ablation (RFA)

The ClariVein has a wire rotating at high speed and irrigation with sclerosant material to occlude the vein. This mechanical/chemical ablation technique is unique. It is relatively painless and does not require tumescent analgesia infiltration

Advantages and disadvantages for ClariVein?

Advantages

- Minimal discomfort during the procedure with no need for local anaesthesia.
- No admission to hospital or general anaesthesia.
- No time off work nor interference with normal home duties.
- No chance of injury to adjacent nerves.
- Less post-operative discomfort than for any other technique.

Disadvantages

- The dose limit for sclerosant limits the number of veins that can be treated in one session - the device is not reusable.
- This means that multiple treatment sessions may be required.

What should you do before the procedure?

- Do not shave the legs.
- Do not apply moisturiser on the day of treatment.

Treatment with ClariVein?

- Your leg will be prepared with antiseptic.
- Local analgesia at the site of introduction of the catheter.
- Ultrasound will be used to locate the vein prior to puncture
- The ClariVein catheter tip is positioned at the top of the vein near the groin.
- The tip rotates as the device is slowly withdrawn destroying the inner lining while a sclerosant solution is injected through the end of the catheter.
- Compression bandage will be applied .

What should you do after ClariVein?

- Walk for 15 minutes immediately after treatment.
- You are unable to drive the day of the procedure.
- Replace the compression with stockings next day or earlier if the compression is uncomfortable
- Wear the stockings during the day time for 1 week.
- Return to normal activity
- It is recommended not to fly for 4 weeks, however if necessary, blood Injection might be needed before and after the flight if longer than 4 hrs flying duration

- Follow up Ultrasound scan to assess the success of the procedure

Following ClariVein treatment?

- **Mild pain** can persist for few days. Usually related to the vein size. It does normally improve by Panadol or Nurofen.
- **Discolouration and tender lumps**. Usually disappear within 4-6 weeks.
- **Recurrence**. Uncommon, however further injection sclerotherapy might be required

Complications from ClariVein?

- **Deep vein thrombosis**. Can occur despite technical success. It is uncommon and if detected on follow up scan, blood thinners will be prescribed for 6 weeks
- **Allergic reaction** is rare. It will be treated according to its severity.
- **Pigmentation** along the treated veins mostly disappears with time

If you develop any of those symptoms, please call the above number, Call the duty manager of the hospital where you had the procedure, present to the emergency department or see your GP.

For further information, please visit my website www.AdvancedVascular.com.au