ADVANCED Vascular
vascular and endovascular surgery

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VenaSeal

Venaseal is used to block off the varicose vein by injecting an adhesive material into the vein. The results of this treatment are very promising. It is performed using an Ultrasound and small puncture hole to introduce the catheter. It is painless.

Advantages and disadvantages of Venaseal?

Advantages

- Minimal pain
- No need for class 2 stockings.
- Minimal time off work or
- Minimal interference with daily activities.
- Performed in the rooms.

Disadvantages

- Vein inflammation can last for several weeks and will eventually settle.

Prior to Venaseal?

- Do not shave your legs.
- No leg shaving on the treatment day.

During treatment Venaseal?

- The leg is prepared with antiseptic.
- Local analgesia at the puncture site
- Ultrasound to locate the vein
- A wire followed by a tube inserted into the vein
- The catheter tip is positioned just below the junction with the deep vein.
- Injection of the chemical followed by a firm pressure applied for 3 minutes. This is repeated in multiple segments down the full length of the vein.

Following treatment with Venaseal?

- Walk for 15 minutes immediately after treatment.
- You are unable to drive the day of the procedure.
- Return to normal activity
- It is recommended not to fly for 4 weeks, however if necessary, blood thinner 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

What can you expect following Venaseal?

The following features are expected. They are not a cause for concern although they should be reported at review:

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- **Mild pain** may develop and persist for several days and shows that the treatment is working. The degree is related to the initial size of the veins. Pain is usually improved by walking or by Panadol or Nurofen.
- **Inflammation** over the vein rarely occurs early on. It usually disappears within 4-6 weeks. This indicates that treatment has been successful. It does not represent infection and does not require treatment with antibiotics.
- **Recurrence.** Uncommon, however further injection sclerotherapy might be required
- **Itching (pruritis)**. Itching over treated veins can occur after treatment. Treatment with antihsitamines or steroids usually helps.

What are the possible complications from Venaseal?

Complications can occur even with perfect technique.

- **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.

If you develop any of those symptoms, please call 0800 144 832, or email Rception@AdvancedVascular.co.nz