

C) Venous Stenting

- This procedure is done when there is narrowing of the veins due to previous untreated DVT. Reserved mainly for, Ilio-femoral DVT. A stent is then placed in the Iliac vein



Venous ulcer

POST THROMBOTIC LEG SYNDROME

- This is a complication of previously untreated DVT
- This presents in the form of a venous ulcer with Lipodermatosclerosis
- The non healing leg ulcer is first treated with Four layer bandaging
- This method has encouraging results with ulcer healing up to 90% in 8 weeks time
- The venous abnormality is then treated on its merits



Venous Ulcer: Before and after treatment with Four Layer Bandage for 6 weeks



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Varicose Vein Clinic



Department of
**VASCULAR
SURGERY**

VARICOSE VEINS

These are tortuous and dilated veins in the leg.



Why should varicose veins be treated?

- Varicose veins do not get better by themselves; on the contrary, if left untreated they progressively get worse
- Leg cramps, swollen ankles, ankle ulcers, are some of the symptoms
- Venous Doppler is the investigation of choice in these patients
- Early treatment often prevents the symptoms and, also removes the unsightly appearance
- In fact, the earlier you receive specialist treatment the better the long term clinical and cosmetic results

Treatment is designed for each patient based on clinical evaluation. Everyone is different, so individual tailoring of treatment is essential.

What treatments are available?

A) Laser Treatment

- EVLT™ treatment is quick, minimally invasive procedure that offer an effective alternative to the surgery
- They are performed under local anesthetic and are highly effective with over 97% of first-time treatments being successful
- Laser energy is delivered in short pulses to occlude the vein
- Following such treatment, normal daily activity can be resumed within 2 days



Endovenous Laser Treatment

Laser Treatment is a simple day care procedure. Treatment causes minimal discomfort, rapid recovery, normal activities resumed immediately

B) Ambulatory Phlebectomy

- In this the varicose veins are removed by taking small cuts. It is always done along with Laser



Before and After
Varicose Veins
Surgery

C) Sclerotherapy

- This method is usually done for small residual veins or spider veins



Varicose Veins:
Before and After
Endovenous
Laser Treatment

- A sclerosant (Polidocanol) is injected directly into the vein and compression is applied

DEEP VEIN THROMBOSIS (DVT)

- In this condition a blood clot forms in the deep veins
- This is a dangerous situation as the clot can then travel to the lung with disastrous consequences
- It needs urgent treatment

What treatments are available?

A) Thrombolysis

- A catheter is inserted into the popliteal vein and a thrombolytic agent is infused over 24 hours. This dissolves the clot
- Anticoagulation treatment is then given to prevent further clotting of blood

B) Venous Thrombectomy

- If the clot load in the deep veins is large a surgical venous thrombectomy is done to remove the clot