

Compression Sclerotherapy

Injection sclerotherapy causes damage to the endothelium within an injected vein. Endothelial destruction in the injected section of the vein results in the exposure of sub-endothelial collagen fibres in the vein wall and the vein goes into spasm. The response to the damage is the initiation of the coagulation pathways and the subsequent formation of a 'sclerothrombus' occludes the vein. The 'sclerothrombus' is very hard and firmly attached to the vein wall, unlike a soft thrombus, the strongest fixation occurs where the entire endothelium has been destroyed. Over time fibroblasts from the vein wall infiltrate the sclerothrombus and it is re-organised. Eventually the vein and sclerothrombus form a thin fibrous cord and the vein is obliterated.

Compression after the injection is important to keep the sclerothrombus to an absolute minimum while the vein is in spasm. Keeping the sclerothrombus to a minimum helps to reduce complications such as pigmentation and thrombophlebitis.



In practice it is difficult to fully compress most veins, particularly the larger truncal veins but the use of elastic compression using stockings and local eccentric compression over the injection site using pads certainly helps. The sclerobands can be used to provide local compression immediately after an injection and to maintain compression for the rest of the session. Longer term local eccentric compression can be applied by using a foam pad between a bandage and stocking.

For more information on compression please visit:

www.fibro-vein.co.uk

Related Products:

- **Fibro-Vein**
- **Compression Bandages**
- **medi Compression Stockings**

Sclerotherapy Products

- **Needles**
- **Syringes**
- **Foam Pads**
- **Sclerobands**
- **Waterproof Overstocking**
- **Books, CDs and DVDs**



STDPharmaceutical

For further information on our product range visit:

www.stdpharm.co.uk

Tel: +44 (0)1432 373 555

Fax: +44 (0)1432 371 314

Email: orders@stdpharm.co.uk

STD Pharmaceutical Products Ltd. Plough Lane, Hereford, HR4 0EL

STD.LIT.004

STDPharmaceutical

Sclerobands (Image 1)

NEW

Sclerobands can be used to provide local compression immediately after an injection while the vein is still in spasm and to maintain that compression for the rest of the session. The sclerobands are elastic and work by holding a compression pad in place using the velcro fastener. The sclerobands are very useful during the longer sclerotherapy sessions because you can keep compression on the injected areas while other areas are treated. At the end of the session the sclerobands can easily be unfastened and your usual compression regime applied.

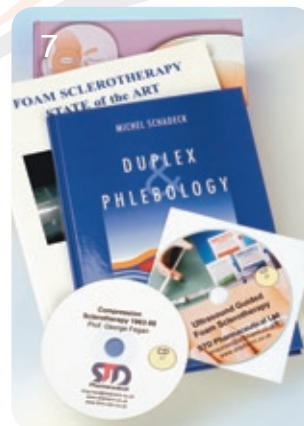
STD Compression Pads (Images 2 & 3)

Manufactured from synthetic rubber. Designed for use under a limited stretch bandage or scleroband to apply local eccentric compression over the treated vein. Available in 3 sizes, the shorter Small and Medium pads for reticular veins and smaller varices, the Long pad is suitable for use over the GSV tract post sclerotherapy, EVLT, VNUS or surgery.

Small pad (H) – 12cm long x 4cm wide pack of 50
Medium pad (G) – 13cm long x 5.3cm wide pack of 40
Long pad (C) – 56cm long x 5.3cm wide pack of 8

Syringes & 3 Way Valves (Image 4)

Terumo 2ml x 100
Terumo 3ml Luer lock x 100
Terumo 5ml Luer lock x 100
Vygon 3 way Valve x 50



Needles (Image 5)

STD supply various needles for microsclerotherapy including the STD Microsclerotherapy 30G needle set which is an extra sharp 30g needle mounted on a flexible tubing. The high quality steel needle keeps its edge during multiple injections ensuring less discomfort for the patient and only one needle is required for long treatments. Other needles include Monoject 25G and 27G with Becton Dickinson 30G for microsclerotherapy. Monoject 21G and 23G for filling syringes or injecting larger veins.

Waterproof Overstocking (Image 6)

The waterproof overstocking enables patients to shower whilst their lower leg is bandaged or when they are wearing a stocking. A sealing system at the top of the stocking helps to keep the leg dry.

The waterproof overstocking can also be used by patients who's legs are bandaged due to venous ulcers, wound dressings or in plaster casts.

Books, CDs & DVDs (Image 7)

We have a range of books, CDs and DVDs covering topics such as sclerotherapy, venous anatomy, treatment of veins and ultrasound. We also have books on related subjects such as cosmetic laser treatments. A complete list can viewed on the web site or requested from the customer service team by phone or email.

For further information on our product range visit:

www.stdpharm.co.uk

To place an order email:

orders@stdpharm.co.uk