



User Manual

MINI

About DVT Solutions (Australia) Pty Ltd

DVT Solutions Pty. Ltd. (Australia) is dedicated to developing new technologies with innovations in treating and preventing complications of chronic venous disease since 2006

Our Vision: To provide solutions to the growing epidemic of Chronic Venous Thrombosis.

We are a proudly Australian owned and operated company based in Sydney, Australia

Vekroosan® Mini DVT is designed and assembled in Australia by our design and engineering teams at a state-of-the-art facility in Sydney.

Vekroosan® Mini is an innovative device used for controlling fluid stasis created as a result of chronic venous insufficiency of the lower limbs and hence poor venous blood flow.

Vekroosan® Mini is the product brand name for is a mobile calf compression device that wraps around the calf using Velcro straps. The Device includes a series of pumps that provide gentle massage to the leg, simulating the natural mechanism of muscular contraction, promoting healthy venous blood flow.

Vekroosan® Mini has been proven to reduce lower limb swelling and pain, when used for the patients suffering from chronic venous insufficiency with proven benefits at increasing venous velocity.

Vekroosan® Mini can also be used in combination with anticoagulation therapy to help reduce the incidence of DVT for in the patients post orthopaedic, spinal or any major abdominal or gynaecological surgeries.

Clinical Applications

Indications

The Vekroosan® sequential calf compression device (SCCD) is designed to apply modulated external sequential pneumatic pressure to lower limbs of patients with chronic venous disorders, sufferers of Deep Venous Thrombosis (DVT) and related complications when combined with an individual monitoring programme.

This system represents one aspect of a DVT strategy; if the patient's condition changes the overall therapy regime should be reviewed by the prescribing clinician.

Contraindications

Vekroosan® system should not be used in the following conditions:

- ✔ Severe arteriosclerosis or other ischaemic vascular diseases
- ✔ Known or suspected acute Deep Vein Thrombosis (DVT) or phlebitis.
- ✔ Severe congestive cardiac failure or any condition where an increase of fluid to the heart by be detrimental.
- ✔ Pulmonary embolism.
- ✔ Current features of gangrene, recent shin graft, dermatitis or untreated infected leg wounds.

DVT Prophylaxis

- ✔ Vekroosan® should be applied to the patient pre-operatively, prior to the indication of anaesthesia.
- ✔ The system should be used continuously for no less than 72 hours post-operatively or until the patient becomes fully ambulatory.
- ✔ If the garment cannot be applied to the operative limb during surgery, it may be applied to the limb once the patient reaches the recovery unit.

In the non-surgical patient, the device should be initiated immediately the risk of DVT is significant.

Contact Information

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