

Selection of patients affected by Varicose vein of lower extremity of second degree and with RT > 0.5

*T0 = Baseline*

Patient stabilization in supine position for GSV treatment

Patient stabilization in a prone position for SSV treatment.

Vascular study

Ultrasound-guided identification of the junction with epigastric vein and preterminal valve for the treatment of GSV, or of the saphenous-popliteal junction for the treatment of SSV

Operative time

Ultrasound guided catheterization of the saphenous vein according to the Seldinger technique, 14-16 cm downstream of the junction considered.

Operative time

Insertion of a vascular introducer 6Fr

Operative time

Echo-guided positioning of the tip of the introducer 2-3 cm from the bifurcation of the epigastric vein and preterminal valve for GSV treatment.

Operative time

Echo-guided positioning of the tip of the introducer 2-4 cm below the saphenous-popliteal junction for PVS treatment.

Operative time

Trough the stopcock of the washing catheter of the introducer, injection of 1 ml of (NBCA+MS) surgical glue into the vein, performing a sandwich technique with glucose 5%

Operative time

Retraction of the introducer until it is removed

Closure time

Immediate manual compression starting from the insertion site and along the course of the vein, for 3-5 min. At the same time, compression at the level of the junction with the ultrasound probe.