

Protocol

ENDOVENOUS LASER ABLATION (EVLA)

Before surgery:

- **Blood thinner:** Discontinue

During Surgery:

Is important the use of Ultrasound visualization device

- **Anaesthesia:** General anaesthesia
- **Wavelength:** 1470nm
- **Mode:** pulse mode.
- **Shots:** Pulse ON time can be set to 5, 6, 7 or 8 seconds with a 0.1sec Pulse OFF time
- **Total energy:** It is well accepted that for endovascular coagulation 50-70 Joules and 80-100 Joules per cm of vein. (this value is suited for the vena saphena magna and has to be reduced as the ber is pulled back to smaller diameter veins, for example for the lower leg).
- **Probe:** Corona 360 ber, either 400 or 600 micron with Corona Introducer Set
- **Power:** Under thigh: 6-8W (30-50J per cm vein) and Thigh: 8W (50-70J per cm vein)

After surgery:

- **Bandage:** it is recommended to use conventional wound treatment and a compression bandage / stocking.
- Two days rest.
- Return to normal activities after medical evaluation.