



Background

➤ Venous system is a network of interconnected vessels; any preserved inflow of the saphenous-femoral mouth can cause postoperative recurrence. However, according to the literature, the greatest risk of recurrence is associated with the stump of GSV of venous tributaries, including great venous trunks parallel to the GSV in the thigh.

Objective

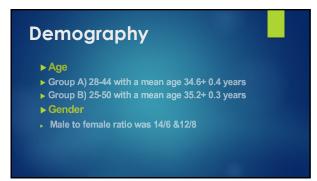
➤ Comparison of the Standard Endovenous laser ablation (1.5 – 2 CM. from SFJ) technique versus Crossectomy ablation for the treatment of varicose veins .

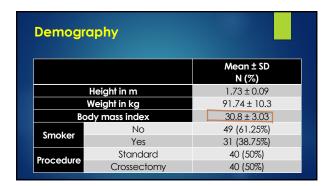
Patients & Methods

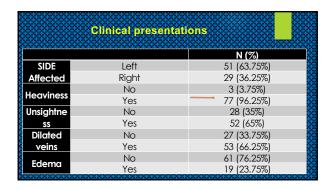
- ▶ 80 patients admitted to Ain Shams University hospital & Alexandria Armed Forces Hospital
- ▶ from Jan. 1st. 2021, to Jan. 30th, 2023
- ▶ divided into 2 groups.
 - Group A) treated by ablation of Great saphenous vein at saphenofemoral junction.
- Group B) treated by ablation of Great saphenous vein at 1.5-2 CM. from saphenofemoral junction.

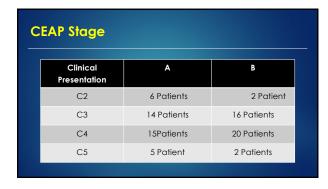
(Biolitec Ceralas laser machine) and (ELVeS Radial 2ring™ fiber Ablation was done using radial 1470 Diode Double ring laser fibers and using a large amount of tumescent anesthesia. Post-operative Duplex was done one day, 3 month and one-year.

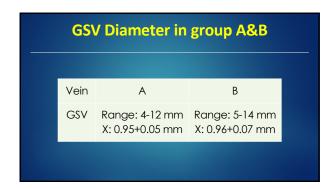


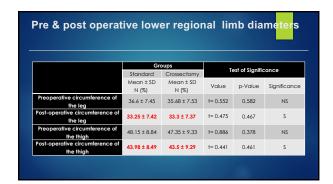


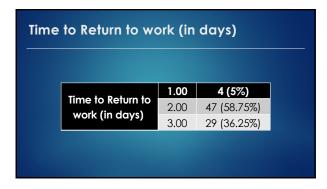


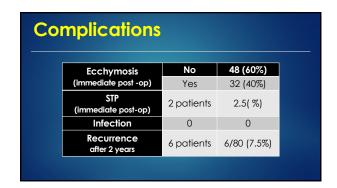


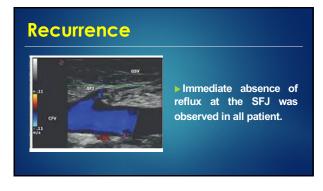


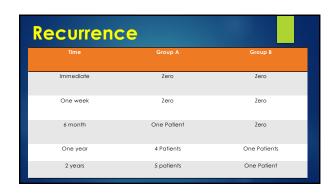


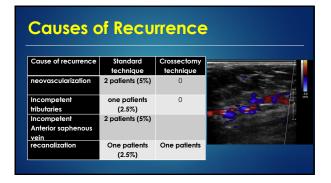


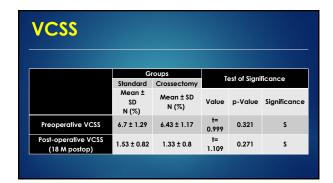


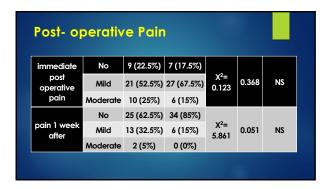












Conclusion Crossectomy (ablation at 0 cm at SFJ) showed better results with less recurrence rate of varicose veins due to neovascularization or tributaries left; than the standard technique of endovenous laser ablation of varicose veins (1/12-2 CM from SFJ) and won't allow thermal propagation into the deep venous system nor venous thrombosis without difference in complication rates. And this is why GSV CROSSECTOMY Is Preferable in EVLA

