

Table XIV.

Operative procedure	Reference	Summary
<p>OS versus EVLA versus RFA versus UGFS</p>	<p>Rasmussen LA, Lawaetz M, Bjoern L, Vennits B, Blemings A, Eklof B. A randomized clinical trial comparing endovenous laser ablation, radiofrequency ablation, foam sclerotherapy and surgical stripping for great saphenous varicose veins. <i>Br J Surg.</i> 2011;98:1079-87</p>	<p>580 lower limbs in CEAP C₂₋₄E_pA_sP_r with incompetent GSV and SFJ reflux Group I (N=142): OS <i>versus</i> Group II : EVLA 980 (N=17) and 1470 nm (N=127), bare fibre <i>versus</i> Group III (N=148): RFA Closure Fast™ <i>versus</i> Group IV (N=144): UGFS) one or 2sessions when needed All procedures under local anesthesia, and completed by phlebectomy Results at 3 days and 1 month of follow-up:</p> <ul style="list-style-type: none"> · Better HRQoL (SF 36) as well as less pain score (P<0.001) and shorter time off work in group III and IV compared with groups I and II (P<0.001) <p>Results at 1 year of follow-up:</p> <ul style="list-style-type: none"> · DS examination: GSV occlusion better in group I, II, III compared to group IV (P<0.001) · Clinical recurrence: No significant difference between groups
	<p>Rasmussen LA, Lawaetz M, Serup J, Bjoern L, Vennits B, Blemings A, Eklof B. Randomized clinical trial comparing endovenous laser ablation, radiofrequency ablation, foam sclerotherapy and surgical stripping for great saphenous varicose veins with 3 years follow-up. <i>J Vasc Surg & Venous Lym Dis</i> 2013;1:349-56</p>	<p>580 lower limbs in CEAP C₂₋₄E_pA_sP_r with incompetent GSV and SFJ reflux Group I (N=142): OS <i>versus</i> Group II : EVLA 980 (N=17) and 1470 nm (N=127), bare fibre <i>versus</i> Group III (N=148): RFA Closure Fast™ <i>versus</i> Group IV (N=144): UGFS) one or 2 sessions when needed All procedures under local anesthesia, and completed by phlebectomy Results at 3 years of follow-up:</p> <ul style="list-style-type: none"> · <i>DS examination:</i> GSV occlusion better in group I, II, III compared to group IV (P<0.001) · <i>Clinical recurrence:</i> No significant difference between groups (P= 0.6596) · <i>Reoperations</i> were more frequent in group IV (P<0.001) but were mainly treated by UGFS in all groups · VCSS improved in all groups and with no significant difference between groups. · AVVSS improved significantly in all groups from 3 days and onwards (P < 0.0001), with no significant difference between groups at any time point · SF-36 scores improved in all domains and in all groups

	<p>Lawaetz M, Serup J, Bjoern L , Blemings A, Eklof B. Rasmussen LA. Comparison of endovenous ablation techniques, foam sclerotherapy and surgical stripping for great saphenous varicose veins. Extended 5-year follow-up of a RCT. <i>Int. Angiology.</i> 2017; 36:281-8</p>	<p>580 lower limbs in CEAP C₂₋₄E_pA_sP_r with incompetent GSV and SFJ reflux Group I (N=142): OS <i>versus</i> Group II : EVLA 980 (N=17) and 1470 nm (N=127), bare fibre <i>versus</i> Group III (N=148): RFA Closure Fast™ <i>versus</i> Group IV (N=144): UGFS one or 2 sessions when needed All procedures under local anesthesia, and completed by phlebectomy Results at 5 years of follow-up: Number patients assessed/ Number of patients included Group I (N=40/142): OS Group II (N=45/144): EVLA 980 and 1470 nm Group III (N=55/147): RFA Closure Fast™ Group IV (N=37/144): UGFS</p> <ul style="list-style-type: none"> · Recanalization or failed stripping procedure <ul style="list-style-type: none"> - Group I = KM estimate 6.3% - Group II = KM estimate 36.8% - Group III = KM estimate 5.8% - Group IV = KM estimate 31.7% · Recurrent VV <ul style="list-style-type: none"> - Group I = KM estimate 36.4% - Group II = KM estimate 36.8% - Group III = KM estimate 18.7% - Group IV = KM estimate 31.7% · Retreatment <ul style="list-style-type: none"> - Group I = KM estimate 23.4% - Group II = KM estimate 18.7% - Group III = KM estimate 17% - Group IV = KM estimate 37.7%
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Abbreviations:

AVVSS= Aberdeen varicose vein severity score; CIVIQ = Chronic Venous Insufficiency Quality-of-Life Questionnaire; DS = duplex ultrasound; EQ5D= Euro Qol 5D; EVLA = endovenous laser ablation; GSV= great saphenous vein; KM estimate= Kaplan Meir estimate; OS= Open Surgery: saphenofemoral ligation+ stripping, +/- perforator ligation+/- tributary phlebectomy; QoL= quality of life; RFA= radiofrequency ablation; UGFS= ultrasound guided sclerotherapy; VCSS= venous clinical severity score, VV= varicose veins