<table>
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<th>Operative procedure</th>
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<th>Summary</th>
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Group I (N=142): OS versus  
Group II: EVLA 980 (N=17) and 1470 nm (N=127), bare fibre versus  
Group III (N=148): RFA Closure Fast™ versus  
Group IV (N=144): UGFS one or 2 sessions when needed  
All procedures under local anesthesia, and completed by phlebectomy  
**Results at 3 days and 1 month of follow-up:**  
- 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)  
**Results at 1 year of follow-up:**  
- DS examination: GSV occlusion better in group I, II, III compared to group IV (P<0.001)  
- Clinical recurrence: No significant difference between groups | **OS versus EVLA**  
Group I (N=142): OS versus  
Group II: EVLA 980 (N=17) and 1470 nm (N=127), bare fibre versus  
Group III (N=148): RFA Closure Fast™ versus  
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:**  
- **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=0.6596)  
- **Reoperations** 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 |

580 lower limbs in CEAP C_{2-4}E_{5}A_{3}P; with incompetent GSV and SFJ reflux
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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

- Recanalization or failed stripping procedure
  - 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
  - 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
  - Group I = KM estimate 23.4%
  - Group II = KM estimate 18.7%
  - Group III = KM estimate 17%
  - Group IV = KM estimate 37.7%

**Abbreviations:**
AVVSS= Aberdeen varicose vein severity score; CIVIQ = Chronic Venous Insufficiency Quality-of-Life Questionnaire; DS = duplex ultrasound; EQSD= 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