

| | UGFS (n =82) | EVLA (n =79) | |
|--|---------------------------------------|-------------------------------------|---|
| Treatment room setting | 100% | 66% (34% in operating theatre) | |
| TLA supplementary anaesthesia given (protocol violation) | Not applicable | 7 patients (8.8%) | |
| Mean (SD) length treated | Not applicable | 20.7cm (5.6cm) | |
| Mean (SD) treatment parameter | POL: 1.5% (0.7%) Foam: 3mls (1.5 mls) | LEED 75.5 J/cm (13.5 J/cm) | |
| Mean (SD) procedure time (minutes) | 17 (8-35) | 36 (15-60) | 1 |
| 'D0' tributary treatment (protocol violation) | 10 (12.1%): 3 phlebectomy, 7 UGFS | 8 (10.1%): 4 phlebectomy, 4 UGFS | |
| Post procedure compression prescribed | 45.7% | 92% | |
| Patients prescribed LMWH prophylaxis; | 2 (2.4%) | 59 (75%) | 1 |

several questions arise

- Why do practitioners still use systematic thromboprophylaxis for EVLA even in the absence of risk factors?
- Could this explain the difference between the 2 groups in terms of gastrocnemius vein thromboses?
 Should we be searching for them systematically?
 - ➤Should this type of vein thrombosis be treated?
 - ➤ Should they be classified as DVTs?

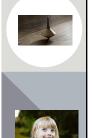
- Dannell O et al. Factors influencing superficial and Deep vein thrombosis after foam scienotherapy in vericose veins. JDDG i - 2023 American Guidelines - Part II (SVS, AVF, AVLS). Gloviczki et al. JVS VLD 2023

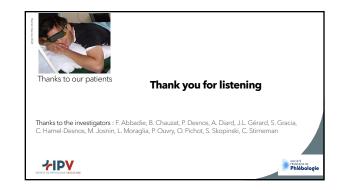


| Treatment COSTS (do not include DUS scan costs) | | | |
|---|---|--|--|
| | EVLA (N=79) | UGFS (N= 82) | |
| Private Hospital expenses for SSV treatment | 1108.76€ (including equipment and fibre costs) per treatment x 79 patients = 87592€ | NA | |
| Doctor's fees for SSV treatment | EVLA of the SSV=157.02€ x 79 patients = 12405€ | UGFS of the SSV=94,64€ for first session x 82 patients = 7760€ | |
| Doctor's fees for additionnal SSV treatments | NA | 37.46€ for second session (at 6 weeks x 3 patients = 112 € | |
| Doctor's fees for visual sclerotherapy of SSV tributaries | 18.93€ per session x 19 sessions = 360€ | 18.93€ per session x 41 sessions = 776€ | |
| Total costs | Total costs for 79 patients = 100357€ | Total costs for 82 patients = 8648€ | |
| Total mean cost per patient | 100357€/ 79 = <mark>1270.34 €</mark> | 8648.99 €/ 82 = <mark>105.46€</mark> | |

IN CONCLUSION: Many issues arise

- There is no doubt about the technical superiority of laser over foam in the treatment of incompetent saphenous veins, but
 - Failure should be better defined
 - >What role do clinical results play in daily practice?
- >Foam is cost-effective (can be the first choice even for saphenous veins in some countries)
- Why is venous thromboprophylaxis after the treatment of varicose veins so poorly standardised in everyday practice?
- The debate about 'concomitant or staged treatment of tributaries' remains open





GOOD BYE PAULINE

