

**Table XXII**

<p><b>Compression treatment</b></p>	<p><b>Reference</b> <i>Abstracts corresponding to references can be found using the listing "RCTs by alphabetical order" or "RCTs by topic."</i></p>	<p><b>Summary</b></p>
<p>Compression therapy after UGFS at various duration</p>	<p>O'Hare JL, Stephens J, Parkin D, et al. Randomized Clinical Trial of Different Bandage Regimens after Foam Sclerotherapy for Varicose Veins. <i>Br J Surg.</i> 2010; 97:650-6.</p>	<p>124 VV lower extremities treated by UGFS Group I (N=61): compression by bandages during 24 hours, then compression by anti-thrombosis stockings for further 14 days <i>versus</i> Group II (N=63): compression by bandages during 5 days, then compression by anti-thrombosis stockings for 14 days <b>Results at 1-2 days of follow-up:</b> <i>Pain and AVVSS:</i> no difference between groups <b>Results at 2 weeks of follow-up:</b> <i>Superficial thrombophlebitis:</i> no difference between groups <b>Results at 6 weeks of follow-up:</b> <i>HRQoL (SF-36) and AVVSS:</i> no difference between groups <i>Vein obliteration:</i> group I: 90% vs group II: 89%; P=NS</p>
<p>Compression by stocking versus no compression</p>	<p>Hamel-Desnos C, Guias B.J., Desnos P.R., Mesgard A. Foam sclerotherapy of the saphenous veins: randomized controlled trial with or without compression. <i>Eur J Vasc Endovasc Surg.</i> 2010;39:500-7.</p>	<p>60 patients classified C<sub>2s</sub>-C<sub>6</sub>, with GSV or SSV incompetence treated by UGFS Group I (N=29): stocking compression (15-20 mmHg) for 3 weeks <i>versus</i> Group II (N=31): no compression therapy <b>Results at 14-28 days of follow-up:</b> <i>Venous obliteration</i> <i>Length of obliterated vein</i> <i>Reflux suppression</i> <i>Side effects</i> <i>Pain, oedema, paraesthesia</i> <i>Patient satisfaction</i> <i>QoL</i> No difference between the 2 groups</p>
	<p>Hamel-Desnos C, Desnos P.R., Ferre B, Le Querec A. In vivo biological effects of foam sclerotherapy. <i>Eur J Vasc Endovasc Surg.</i> 2011;42:238-45.</p>	<p>40 patients classified C<sub>2s</sub>-C<sub>6</sub>, E<sub>p</sub>, A<sub>s</sub>, P<sub>r 2-4</sub> with GSV or SSV incompetence treated by UGFS Group I (N=20): compression stockings (15-20 mmHg) for 3 weeks <i>versus</i> Group II (N=20): no compression therapy <b>Results at 1, 7, 14, and 28 days of follow-up:</b> <i>Biological markers of inflammation</i> (fibrinogen, factor VIII, thrombomodulin, thrombin-antithrombin complex, D-dimers, platelet factor 4 and troponin): No significant biological changes between groups <b>Results at 28 days of follow-up:</b> <i>Venous obliteration</i> 100% in both groups</p>

**Abbreviations:**

AVVSS= Aberdeen varicose vein severity score; SF-36 = generic quality of Life questionnaire ;HRQoL= health-related quality of life ; UGFS= ultrasound guided foam sclerotherapy

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