**Table D-3c. Intervention characteristics of studies evaluating surgery for the treatment chronic venous ulcers**

| **Author, year** | **Compression** | **Surgical intervention** | **Duration of intervention** |
| --- | --- | --- | --- |
| **Barwell, 2000**[**62**](#_ENREF_62) | 4-layer | vein stripping; SEPS | NR |
| **Barwell, 2000**[**62**](#_ENREF_62) | 4-layer | refused surgery | NR |
| **Barwell, 2004**[**60**](#_ENREF_60) | multi layer | NA | Until ulcer healing |
| **Barwell, 2004**[**60**](#_ENREF_60) | multi layer | vein stripping | Until ulcer healing |
| **Bello, 1999**[**71**](#_ENREF_71) | 4-layer | other surgery | NA |
| **Cambal, 2008**[**69**](#_ENREF_69) | multi layer | vein stripping | NR |
| **Cambal, 2008**[**69**](#_ENREF_69) | multi layer | Sclerotherapy, Sigg's and Fegan's techniques | NR |
| **Cambal, 2008**[**69**](#_ENREF_69) | multi layer | SEPS | NR |
| **El-Hafez, 2004**[**68**](#_ENREF_68) | multi layer; hydrocolloid | ligation | NA |
| **El-Hafez, 2004**[**68**](#_ENREF_68) | multi layer; hydrocolloid | vein stripping | NA |
| **Galimberti, 1988**[**66**](#_ENREF_66) | 2 layer; hydrocolloid | NA | NA |
| **Galimberti, 1988**[**66**](#_ENREF_66) | 2 layer; hydrocolloid | Sclerotherapy | NA |
| **Gohel, 2007**[**59**](#_ENREF_59) | multi layer | NA | NR |
| **Gohel, 2007**[**59**](#_ENREF_59) | multi layer | vein stripping | NR |
| **Guest, 2003**[**64**](#_ENREF_64) | 4-layer | NA | 26 weeks |
| **Guest, 2003**[**64**](#_ENREF_64) | 4-layer | vein stripping; SEPS | NA |
| **Harlander-Locke, 2011**[**74**](#_ENREF_74) | Multi-layer | RFA | NA |
| **Labas, 2009**[**76**](#_ENREF_76) | Multi layer; elastic compression for 10 days postsurgery | valvuloplasty of the popliteal vein and reflux in GSV and SSV treated with compression sclerotherapy | NA |
| **Lane, 2003**[**77**](#_ENREF_77) | Multi layer | angioplasty stenting |  |
| **Lawrence, 2011**[**14**](#_ENREF_14) | Multi layer | RFA | NR |
| **Masuda, 1994**[**72**](#_ENREF_72) | Elastic stocking | vein stripping | NA |
| **Nash, 1991**[**73**](#_ENREF_73) | 30-40mmHg | vein stripping | NA |
| **O'Hare, 2010**[**58**](#_ENREF_58) | Multi layer | sclerotherapy | NR |
| **O'Hare, 2010**[**58**](#_ENREF_58) | Multi layer | NA | NR |
| **Pang, 2010**[**70**](#_ENREF_70) | 2 layer compression | sclerotherapy | 1 weeks |
| **Rojas, 2009**[**63**](#_ENREF_63) | Unna boot | NA | 21 days average followup |
| **Rojas, 2009**[**63**](#_ENREF_63) | Unna boot | Sclerotherapy; ultrasound guided | 21 days average followup |
| **Sigala, 2007**[**78**](#_ENREF_78) | 23-32 mmHg, Class II compression | SEPS | NA |
| **Sottiurai, 1991**[**67**](#_ENREF_67) | pump Unna boot elastic stocking or ace wrap | vein stripping | NA |
| **Sottiurai, 1991**[**67**](#_ENREF_67) | pump Unna boot elastic stocking or ace wrap | vein stripping; valvuloplasty | NA |
| **Sottiurai, 1991**[**67**](#_ENREF_67) | pump Unna boot elastic stocking or ace wrap | vein stripping; transplantation | NA |
| **Sottiurai, 1991**[**67**](#_ENREF_67) | pump Unna boot elastic stocking or ace wrap | vein stripping; transposition | NA |
| **Taradaj, 2011**[**75**](#_ENREF_75) | pressure of 25-32 mmHg at the ankle | vein stripping; ligation | 7 weeks |
| **van Gent, 2006**[**65**](#_ENREF_65) | 2 layer compression | SEPS | Until ulcer healing |
| **van Gent, 2006**[**65**](#_ENREF_65) | 2 layer compression | NA | Until ulcer healing |
| **Wolters, 1997**[**79**](#_ENREF_79) | unspec compression | SEPS | NA |
| **Zamboni, 2003**[**61**](#_ENREF_61) | 20-30mmHg pressure | vein stripping | Until ulcer healing |
| **Zamboni, 2003**[**61**](#_ENREF_61) | 20-30mmHg | NA | Until ulcer healing |

Abbreviations**:** absorp = absorption; ECM = extracellular matrix; impreg = impregnated; mg = milligrams; mm Hg = millimeters of mercury; MTC= M. tenuiflora cortex; NA = not applicable; NR = not reported; pc = piece; SEPS = subfascial endoscopic perforator surgery; STD = standard; UK = United Kingdom; unspec = unspecified; US = United States