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| Patient: | |  | | |
| Date of Birth: | | Age: 66 | | |
| DIS number: | |  | | |
| Date of Scan: | | Wednesday, 22 July 2020 | | |
| Referrer | |  | | |
| Indications: | | Bilateral leg symptoms – healed right leg ulcers and left leg swelling / numbness. PMH Psoriatic arthritis. On W/L for lt knee replacement, rec DVT rt leg x 4 in past. Ruptured bakers cyst 6/12 ago. | | |
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| **Bilateral Lower Extremity Venous Duplex** | | | | |
| II  I  IV  IV  III  IV  IV  Reflux duration  I….0.5-1 second  II….1-2 seconds  III….2-3 seconds  IV….> 4 seconds | | | | |
| Legend: | | | Normal Deep Normal Superficial Reflux Chronic Thrombus Acute Thrombus | | |
| Deep Veins: | **Right**  Patent. Residual thrombotic scarring in the CFV and POPV. Incompetent CFV, SFV, POPV and PTV. | | | **Left**  Patent. Incompetent CFV and PTV. |
| Superficial Veins: | The LSV is incompetent throughout the thigh, where it measures 5.7mm in diameter. The proximal calf LSV has non phasic continuous flow and has no demonstrable reflux despite remaining dilated in diameter (5.3mm). High SPJ. The distal SSV becomes incompetent after communicating with a medial VV. There is a short section of post thrombotic scarring in the distal SSV. | | | The LSV is incompetent from the SFJ to proximal calf where it measures 5.7mm in diameter. The LSV also contains post thrombotic scarring throughout this section. The LSV becomes superficial in the distal thigh (2mm from skin surface). The LSV becomes competent in the proximal calf where it reduces in calibre.  High SPJ. The SSV is patent and competent throughout its length. |
| Perforators: | Incompetent gastrocnemius to distal SSV perforator, measuring 1.8mm in diameter.  Incompetent PTV to LSV perforator in the mid calf measuring 2.6mm in diameter.  Incompetent ATV to lateral VV perforator in the proximal calf measuring 3.2mm in diameter. | | | Incompetent PTV to LSV perforator in the mid calf that measures 3.4mm in diameter.  Incompetent PTV to VV in the distal calf measuring 3.8 mm in diameter. |
| Ankle Spot checks: | Triphasic waveforms throughout. | | | Triphasic waveforms throughout. |
| Scanned by: | Robert James - Clinical Vascular Scientist | | | |