

**Reason** Varicose vein  
**Outcome** Incompetence

| <b>Right</b>              |                | <b>Left</b>       |                   |
|---------------------------|----------------|-------------------|-------------------|
| <b>Deep Veins</b>         | <b>Patency</b> | <b>Competency</b> | <b>Competency</b> |
| Common Iliac Vein         |                |                   |                   |
| External Iliac Vein       |                |                   |                   |
| Internal Iliac Vein       |                |                   |                   |
| Common Femoral Vein       |                | Widely Patent     | Competent         |
| Profunda Vein             |                | Widely Patent     | Competent         |
| Superficial Femoral Vein  |                | Widely Patent     | Competent         |
| Popliteal Vein            |                | Widely Patent     | Competent         |
| Posterior Tibial Vein     |                | Widely Patent     | Competent         |
| Anterior Tibial Vein      |                | Widely Patent     | Competent         |
| Peroneal Vein             |                | Widely Patent     | Competent         |
| Soleal Vein               |                | Not Identified    |                   |
| Gastrocnemius             |                | Patent            |                   |
| <b>Superficial Veins</b>  |                |                   |                   |
| Saphenofemoral Junction   |                | Patent            | Incompetent       |
| L Saphenous Vein Above    |                | Patent            | Incompetent       |
| L Saphenous Vein Below    |                | Patent            | Competent         |
| Vein of Giacomini         |                | Patent            | Competent         |
| Saphenopopiteal Junction  |                | Not Identified    |                   |
| S Saphenous Vein          |                | Patent            | Competent         |
| <b>Evidence of D.V.T.</b> |                |                   |                   |
| Above the knee            |                | No                |                   |
| Popliteal                 |                | No                |                   |
| Below the knee            |                | No                |                   |

## Notes

### LEFT LOWER LIMB VENOUS DUPLEX ASSESSMENT

Iliac veins not viewed. Flow in the common femoral vein is phasic with respiration and demonstrates a normal response on Valsalva manoeuvre, suggesting proximal vein patency. All visualised deep veins appear widely patent and competent with no evidence of previous DVT.

SFJ is incompetent.

LSV is incompetent in the thigh and proximal calf, until ~36cm MM, where an incompetent branch was identified. LSV is competent distal to this branch.

Large, competent perforator noted in the mid thigh.

LSV is linear and within the fascia throughout.

Assessed by Rachel Johnson

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Checked by

Transverse (AP) dimensions of LSV: Proximal thigh - 0.41cm, Mid thigh - 0.56cm, Distal thigh - 0.46cm, Proximal calf - 0.28cm, Mid calf - 0.24cm, Distal calf - 0.26cm.

SPJ was not identified.

SSV is competent and is continuous with a competent vein of Giacomini.

