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UR#: GS7308009

Visit Date: 29/11/2021

Referrer: DR CAMPBELL

Site: Griffith Specialist Centre

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Report Status: Distributed

### **ULTRASOUND DOPPLER VENOUS OF BILATERAL LOWER LIMBS**

**CLINICAL HISTORY:** Assess for venous insufficiency

**TECHNIQUE:** Venous insufficiency doppler study including compression and reflux assessment.

#### **FINDINGS:**

##### **RIGHT:**

In the deep venous system, the veins are competent and patent.

In the superficial venous system, the saphenofemoral junction and great saphenous vein are incompetent to 14 cm below the knee crease.

The short saphenous vein is competent. No saphenopopliteal junction is seen, with cranial continuation of the short saphenous vein as the Giacomini complex.

Number of incompetent calf perforators: 1. This is 9 cm above the medial malleolus.

**CONCLUSION:** Incompetence of the saphenofemoral junction and great saphenous vein.  
Single incompetent calf perforator.

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##### **LEFT:**

In the deep venous system, the veins are competent and patent.

In the superficial venous system, the saphenofemoral junction is competent. The great saphenous vein is incompetent from 16 cm below the groin crease, to the knee crease.

The saphenopopliteal junction and short saphenous vein are incompetent to 8 cm below the knee crease.

Number of incompetent calf perforators: 0.

**CONCLUSION:** Segmental incompetence of the GSV in the thigh. Incompetence of the saphenopopliteal junction and short saphenous vein.