



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

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

## Notes

### BILATERAL LOWER LIMB VENOUS DUPLEX ASSESSMENT

#### RIGHT:

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

All measurements are proximal to the medial malleolus unless otherwise stated.

Sapheno-femoral junction (SFJ) is incompetent. Long Saphenous vein (LSV) is incompetent in the thigh. An incompetent off the LSV noted in the distal thigh at 45.5cm forming visible thigh and calf varicosities. Distal to this the LSV is competent for a short segment. An incompetent branch communicates with LSV at knee

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level at 38.5cm. Distal to this the LSV is incompetent. An incompetent branch off the LSV noted in the very proximal calf at 36.5cm. Distal to this the LSV is competent to the ankle. LSV appears to leave the fascia in the mid thigh at 70cm, however remains relatively linear, and rejoins the fascia in the mid calf.

Transverse (AP) dimensions of LSV: Proximal thigh - 0.75cm, Mid- thigh - 0.62cm, Distal thigh - 0.63cm.

Sapheno-popliteal junction (SPJ) was not identified.

Short Saphenous vein (SSV) is competent and is continuous with a competent vein of Giacomini.

#### LEFT:

Iliac veins not viewed. Flow in the common femoral vein is phasic with respiration and responds normally to a Valsalva manoeuvre, suggesting proximal vein patency. All visualised deep veins appear widely patent with no evidence of previous DVT. Slight incompetence noted in the CFV and the proximal SFV. All other deep veins appear competent.

All measurements are proximal to the medial malleolus unless otherwise stated.

Sapheno-femoral junction (SFJ) is incompetent. Long Saphenous vein (LSV) is incompetent in the thigh. An incompetent off the LSV noted in the proximal calf at 34cm, forming calf varicosities. Distal to this the LSV is competent to the ankle.

Transverse (AP) dimensions of LSV: Proximal thigh - 0.85cm, Mid- thigh - 0.61-1.16cm, Distal thigh - 0.64cm.

Sapheno-popliteal junction (SPJ) was not identified.

Short Saphenous vein (SSV) is competent and is continuous with a competent vein of Giacomini. A competent perforator off the SSV noted in the mid calf at 18.5cm. Two incompetent branches off the SSV noted in this area.

