



**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	Patent	Competent	Patent	Competent
Profunda Vein	Patent	Competent	Patent	Competent
Superficial Femoral Vein	Patent	Competent	Patent	Competent
Popliteal Vein	Patent	Competent	Patent	Competent
Posterior Tibial Vein	Patent	Competent	Patent	Competent
Anterior Tibial Vein	Patent	Competent	Patent	Competent
Peroneal Vein	Patent	Competent	Patent	Competent
Soleal Vein	Patent	Competent	Patent	Competent
Gastrocnemius	Patent	Competent	Patent	Competent
<b>Superficial Veins</b>				
Saphenofemoral Junction	Patent	Slight Incompetence	Patent	Incompetent
L Saphenous Vein Above	Patent	Incompetent	Patent	Incompetent
L Saphenous Vein Below	Patent	Incompetent	Patent	see notes
Vein of Giacomini	Patent	Competent	Patent	Competent
Saphenopopiteal Junction	Patent	Competent	Patent	Competent
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

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 patent and competent with no evidence of previous DVT, bilaterally.

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

#### RIGHT:

Sapheno-femoral junction (SFJ) is slightly incompetent. Long Saphenous vein (LSV) is incompetent in the thigh to the proximal calf. An incompetent branch off the LSV noted in the proximal calf at 24cm forming cal varicosities. Distal to this the LSV is competent. An incompetent branch communicates with the LSV in the

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mid calf at 18cm. Distal to this the LSV is incompetent to the ankle. An incompetent branch off the LSV noted in the distal calf and at the ankle. LSV appears competent at the ankle.

Transverse (AP) dimensions of LSV: Proximal thigh - 0.62cm, Mid- thigh - 0.47cm, Distal thigh - 0.54cm.

The SSV appears to share a common junction with a pair of gastrocnemius vein to the popliteal vein, which is competent.

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

#### LEFT:

Sapheno-femoral junction (SFJ) is incompetent. Long Saphenous vein (LSV) is incompetent in the thigh to the proximal calf. An incompetent branch off the LSV noted in the proximal calf at 30cm forming calf varicosities. Distal to this the LSV is competent. An incompetent branch communicates with the LSV in the mid calf, distal to which the LSV is incompetent. Incompetent branch off the LSV noted in the distal calf. The LSV appears competent at the ankle. The LSV is linear for 17.5cm in the thigh. LSV becomes tortuous in the mid thigh to the proximal calf.

Transverse (AP) dimensions of LSV: Proximal thigh - 1.2cm, Mid- thigh - 0.80cm.

The SSV appears to share a common junction with a pair of gastrocnemius vein to the popliteal vein, which is competent.

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

