



Reason Varicose vein
Outcome Incompetence

	Right		Left	
Deep Veins	Patency	Competency	Patency	Competency
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
Superficial Veins				
Saphenofemoral Junction	Patent	Competent	Patent	Competent
L Saphenous Vein Above	Patent	see notes	Patent	Competent
L Saphenous Vein Below	Patent	Competent	Patent	Competent
Vein of Giacomini	Patent	Competent	Not Identified	
Saphenopopiteal Junction	Patent	Competent	Patent	Slight Incompetence
S Saphenous Vein	Patent	Competent	Patent	Incompetent
Evidence of D.V.T.				
Above the knee	No		No	
Popliteal	No		No	
Below the knee	No		No	

Notes

BILATERAL LOWER LIMB VENOUS DUPLEX ASSESSMENT:

*Difficult to augment veins due to lymphoedema.

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 competent. Long Saphenous vein (LSV) appears competent in the

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proximal thigh. LSV becomes incompetent in the mid thigh at 57.5cm and remains incompetent to the proximal calf. An incompetent branch off the LSV noted in the proximal calf at 28cm. Distal to this the LSV is competent for a short segment. An incompetent branch communicates with the LSV in proximal/ mid calf at 24cm. Distal to this the LSV is incompetent to the mid calf. A small but incompetent perforator off the LSV noted in the mid calf at 21cm. Distal to this the LSV is competent to the ankle.

Transverse (AP) dimensions of LSV: Mid- thigh - 0.51cm, Distal thigh - 0.56cm, proximal calf - 0.42cm.

The SSV shares a common junction with a pair gastrocnemius veins 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 competent. Long Saphenous vein (LSV) is competent along its length.

Sapheno-popliteal junction (SPJ) is patent and is slightly incompetent, and situated 4cm proximal to the knee crease and 4cm lateral to the mid-line.

The SSV is incompetent in the proximal to mid calf. An incompetent branch leaves the fascia in the mid calf at 20cm. Distal to this the SSV is competent to the ankle.

Transverse (AP) dimensions of LSV: Proximal calf - 0.66cm, Mid- thigh - 0.66cm.

No Diagrams

