



Reason Varicose vein
Outcome Incompetence, Superficial thrombophlebitis

	Right		Left	
Deep Veins	Patency	Competency	Patency	Competency
Common Iliac Vein				
External Iliac Vein				
Internal Iliac Vein				
Common Femoral Vein	Patent	Competent		
Profunda Vein	Patent	Competent		
Superficial Femoral Vein	Patent	Competent		
Popliteal Vein	Patent	Competent		
Posterior Tibial Vein	Patent	Competent		
Anterior Tibial Vein	Patent	Competent		
Peroneal Vein	Patent	Competent		
Soleal Vein	Patent	Competent		
Gastrocnemius	Patent	Competent		
Superficial Veins				
Saphenofemoral Junction	Patent	Incompetent		
L Saphenous Vein Above	Areas of Thrombus	Old Thrombus		
L Saphenous Vein Below	Areas of Thrombus	Old Thrombus		
Vein of Giacomini	Patent	Incompetent		
Saphenopopiteal Junction	Patent	Slight Incompetence		
S Saphenous Vein	Areas of Thrombus	Old Thrombus		
Evidence of D.V.T.				
Above the knee	No			
Popliteal	No			
Below the knee	No			

Notes

RIGHT LOWER LIMB VENOUS DUPLEX ASSESSMENT:

*Difficult to augment due to leg hypertrophy.

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.

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

Sapheno-femoral junction (SFJ) is incompetent. Areas of old superficial thrombophlebitis noted in the Long Saphenous vein (LSV), which is incompetent in the thigh. The LSV leaves the fascia in the mid/distal thigh a

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67cm and is tortuous. The LSV rejoins the fascia in the distal calf at 19cm, however remains incompetent with old superficial thrombophlebitis and is tortuous.

An incompetent branch off the LSV noted in the proximal thigh at 79cm, and this appears to track posteriorly, forming the vein of Giacomini, which is incompetent. Another incompetent branch off the LSV noted in the very distal calf at 6.5cm, forming varicose veins.

Transverse (AP) dimensions of LSV: Proximal thigh - 1.40cm, Mid- thigh - 1.0cm. Distal calf 0.84-0.88cm.

Sapheno-popliteal junction (SPJ) is patent and is slightly incompetent, and situated 4cm proximal to the knee crease and at the mid-line. Areas of old superficial thrombophlebitis noted short saphenous vein (SSV). The SSV is incompetent along its length. Incompetent branches off the SSV noted in the proximal and mid calf at 35cm and 26cm forming varicosities. An incompetent perforator off the SSV noted in the mid calf at 18cm.

Transverse (AP) dimensions of SSV: Proximal calf - 1.23cm, Mid - calf - 1.05cm, Distal calf - 0.87cm.

