

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	Widely Patent	Competent	Widely Patent	Competent
Profunda Vein	Widely Patent	Competent	Widely Patent	Competent
Superficial Femoral Vein	Widely Patent	Competent	Widely Patent	Competent
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	Not Identified		Not Identified	
Gastrocnemius	Patent		Patent	
Superficial Veins				
Saphenofemoral Junction	Patent	Incompetent	Patent	Incompetent
L Saphenous Vein Above	Patent	Incompetent	Patent	Incompetent
L Saphenous Vein Below	Patent	Competent	Patent	Incompetent
Vein of Giacomini	Patent	Competent	Patent	Competent
Saphenopopiteal Junction	Not Identified		Not Identified	
S Saphenous Vein	Patent	Isolated Incompetence	Patent	Isolated Incompetence
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

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

RIGHT

SFJ is incompetent.

LSV is incompetent in the proximal to mid thigh.

Incompetent branch forming visible medial varicosities distally, noted at ~74cm MM.

LSV is then competent distal to this branch.

Assessed by Rachel Johnson

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Checked by

Transverse (AP) dimensions of LSV: Proximal thigh - 0.8cm, Mid thigh - 0.84cm, Distal thigh - 0.39cm, Proximal calf - 0.42cm, Mid calf - 0.38cm, Distal calf - 0.42cm.

SPJ was not identified.

SSV is competent proximally, and is continuous with a competent vein of Giacomini.

An incompetent perforator noted at ~28cm MM, the SSV is then incompetent until ~23cm MM, where an incompetent branch was identified. SSV is competent distally.

Transverse (AP) dimensions of SSV: Proximal calf - 0.25cm, Mid calf - 0.47cm, Distal calf - 0.27cm.

LEFT

SFJ is incompetent.

LSV is incompetent in the thigh, with an incompetent branch noted at ~68cm MM, forming anterior thigh/knee varicosities.

Incompetent branch noted at the level of the knee crease ~47cm MM, forming medial calf varicosities. The LSV is then competent until ~32cm MM, where an incompetent perforator was identified. The LSV is then incompetent, with an incompetent branch at ~20cm MM and incompetent perforator noted at ~18cm MM. The distal LSV is competent.

Transverse (AP) dimensions of LSV: Proximal thigh - 1.44cm, Mid thigh - 0.87cm, Distal thigh - 0.81cm, Proximal calf - 0.57cm, Mid calf - 0.5cm, Distal calf - 0.42cm.

SPJ was not identified.

SSV is competent proximally, and is continuous with a competent vein of Giacomini.

An incompetent branch from the LSV communicates with the SSV at ~31cm MM, the SSV is then incompetent with further incompetent branch noted at ~26cm MM and 22cm MM.

Transverse (AP) dimensions of SSV: Proximal calf - 0.37cm, Mid calf - 0.64cm, Distal calf - 0.35cm.



