

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	Competent
L Saphenous Vein Above	Patent	Incompetent	Patent	Competent
L Saphenous Vein Below	Patent	Incompetent	Patent	Incompetent
Vein of Giacomini	Patent	Competent	Patent	Competent
Saphenopopiteal Junction	Not Identified		Not Identified	
S Saphenous Vein	Patent	Competent	Patent	Competent
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.

Competent anterior thigh vein (measuring ~0.38cm AP) noted which becomes incompetent in the proximal thigh where an incompetent branch communicates ?pelvic source. This goes on to form superficial varicosities distally.

LSV is incompetent in the proximal thigh.

Assessed by Rachel Johnson

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Checked by _____

LSV then branches and leaves the fascia in the mid thigh at ~68cm MM, forming posterior thigh and calf varicosities distally.

LSV is superficial, tortuous, small calibre and appears competent in the thigh and calf until ~20cm MM, where an incompetent perforator was identified, LSV is then incompetent and rejoins the fascia. Incompetent perforators noted at ~64cm MM and 15cm MM.

Transverse (AP) dimensions of LSV: Proximal thigh - 0.33cm, Mid thigh - 0.22cm, Distal thigh - 0.28cm, Proximal calf - 0.18cm, Mid calf - 0.2cm, Distal calf - 0.22cm

SPJ was not identified.

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

LEFT

SFJ is competent.

incompetent, tortuous branches identified in the proximal thigh ?pelvic source form medial thigh varicosities

LSV is competent in thigh until ~knee crease level (46cm MM) where an incompetent branch communicates, the LSV is then incompetent with incompetent branches noted at ~36cm MM and 34cm MM, forming anterior calf varicosities.

Incompetent perforator was identified at ~23cm MM, LSV is then competent distally.

Transverse (AP) dimensions of LSV: Proximal thigh - 0.44cm, Mid thigh - 0.46cm, Distal thigh - 0.42cm, Proximal calf - 0.37cm, Mid calf - 0.42cm, Distal calf - 0.17cm

SPJ was not identified.

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

