

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	Patent	1x Incompetent	Patent	Competent
Anterior Tibial Vein	Patent	Competent	Patent	Competent
Peroneal Vein	Patent	1x Slight Incompetence	Patent	Competent
Soleal Vein	Not Identified		Not Identified	
Gastrocnemius	Patent		Patent	
Superficial Veins				
Saphenofemoral Junction	Patent	Incompetent	Patent	Incompetent
L Saphenous Vein Above	Patent	Isolated Incompetence	Patent	Incompetent
L Saphenous Vein Below	Patent	Competent	Patent	Incompetent
Vein of Giacomini	Not Identified		Not Identified	
Saphenopopiteal Junction	Patent	Competent	Patent	Incompetent
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

*Challenging assessment due to poor patient mobility - patient unable to stand.

RIGHT

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. All visualised deep veins, proximal to and including the popliteal vein appear widely patent and competent with no evidence of previous DVT. 1x posterior tibial vein is incompetent. 1x peroneal vein is slightly incompetent.

SFJ is incompetent.

LSV is superficial and incompetent in the proximal thigh until ~67cm MM, where an incompetent perforator was identified.

Assessed by Rachel Johnson

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Checked by _____

The LSV is then competent distally.
Incompetent perforator noted in the calf at ~20cm MM.

Transverse (AP) dimensions of LSV: Proximal thigh - 0.58cm, Mid thigh - 0.59cm, Distal thigh - 0.54cm, Proximal calf - 0.53cm, Mid calf - 0.35cm, Distal calf - 0.2cm

SPJ is patent and competent. SSV is competent.

LEFT

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. All visualised deep veins appear widely patent and competent with no evidence of previous DVT.

SFJ is incompetent.

LSV is incompetent with incompetent branches noted at ~64cm, 59cm and 34cm MM, forming medial calf varicosities distally.

Transverse (AP) dimensions of LSV: Proximal thigh - 0.65cm, Mid thigh - 0.50cm, Distal thigh - 0.55cm, Proximal calf - 0.65cm, Mid calf - 0.4cm, Distal calf - 0.38cm

SPJ and SSV are incompetent with an incompetent branch noted at ~33cm MM, forming medial calf varicosities.

Transverse (AP) dimensions of SSV: Proximal calf - 0.54cm, Mid calf - 0.37cm, Distal calf - 0.33cm



