

Sapheno-femoral junction (SFJ) is widely patent and competent. Long Saphenous vein (LSV) is widely patent, competent and linear to the distal thigh (51cm). Incompetent branches noted in the distal thigh (51cm and 45cm), forming distal medial and posterior thigh varicosities and medial calf varicosities. The LSV is incompetent to the proximal calf. Incompetent branch noted in the proximal calf (31cm), forming medial calf varicosities. LSV is competent to the distal calf. Incompetent branch noted in the distal calf (16cm), forming medial distal calf varicosities. The LSV is then incompetent to the ankle, with areas of old, non-occlusive superficial thrombophlebitis noted.

Transverse (AP) dimensions of LSV:

Proximal thigh - 0.54cm,
Mid thigh - 0.54cm,
Distal thigh - 0.55cm.
Proximal calf - 0.38cm,
Mid calf - 0.49cm,
Distal calf - 0.31cm.

An incompetent anterior thigh vein, noted from the SFJ and is linear for ~4cm, forming multiple, small, tortuous incompetent varicosities in the proximal - mid anterior thigh. Transverse (AP) dimension of anterior thigh vein: 0.54cm.

Sapheno-popliteal junction (SPJ) is widely patent and competent. Short Saphenous vein (SSV) is widely patent and competent in the proximal - mid vessel and is continuous with a competent vein of Giacomini. Incompetent branch noted in the distal calf (18cm). The distal SSV is then incompetent to the ankle, with areas of old, non-occlusive superficial thrombophlebitis noted.

Transverse (AP) dimensions of SSV:

Proximal calf - 0.36cm,
Mid calf - 0.34cm,
Distal calf - 0.33cm.

LEFT

Sapheno-femoral junction (SFJ) is widely patent and competent. Long Saphenous vein (LSV) is widely patent, competent and linear in the thigh to the mid calf (22cm). Incompetent branch noted in the mid thigh (62cm) and tracks on the medial thigh forming medial calf varicosities. Incompetent branch noted in the mid calf (22cm) forming medial calf varicosities. The LSV is then incompetent to the ankle, with multiple small, incompetent branches noted in the distal calf.

Transverse (AP) dimensions of LSV:

Proximal thigh - 0.54cm,
Mid thigh - 0.28cm,
Distal thigh - 0.34cm.
Proximal calf - 0.32cm,
Mid calf - 0.47cm,
Distal calf - 0.38cm.

Sapheno-popliteal junction (SPJ) is widely patent and slightly incompetent. Short Saphenous vein (SSV) is incompetent with areas of non-occlusive, old superficial thrombophlebitis and venous scarring along its length to the ankle. Incompetent branch noted at the lateral knee crease (32cm) forming posterior and

Assessed by Charlotte Roberts, MCVS

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Reason Varicose vein
Outcome Chronic Superficial thrombophlebitis, Venous scarring, Incompetence - superficial

	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		Patent	
Anterior Tibial Vein	Patent		Patent	
Peroneal Vein	Patent		Patent	
Soleal Vein	Not Identified		Not Identified	
Gastrocnemius	Patent		Patent	
Superficial Veins				
Saphenofemoral Junction	Widely Patent	Competent	Widely Patent	Competent
L Saphenous Vein Above	Widely Patent	Isolated Incompetence	Widely Patent	Competent
L Saphenous Vein Below	Widely Patent	Isolated Incompetence	Areas of Thrombus	Isolated Incompetence
Vein of Giacomini	Widely Patent	Competent	Not Identified	
Saphenopopliteal Junction	Widely Patent	Competent	Widely Patent	Slight Incompetence
S Saphenous Vein	Areas of Thrombus	Old Thrombus	Widely 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

Iliac veins not viewed bilaterally. Flow in the common femoral vein is phasic with respiration and a normal response on Valsalva manoeuvre, suggesting proximal vein patency bilaterally. All visualised deep veins proximal to and including the popliteal vein appear widely patent and competent with no evidence of previous DVT bilaterally. Calf veins were difficult to visualise due to swelling, depth and oedema but appear patent bilaterally.

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

RIGHT

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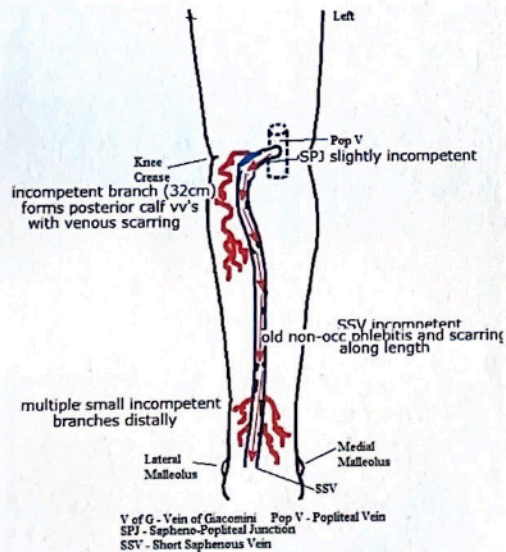
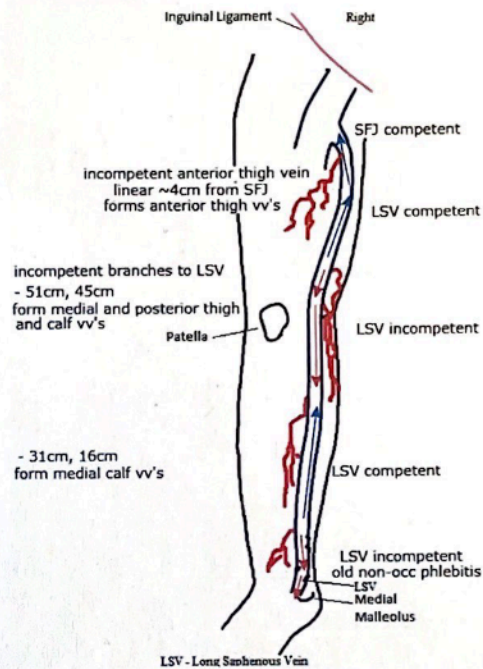
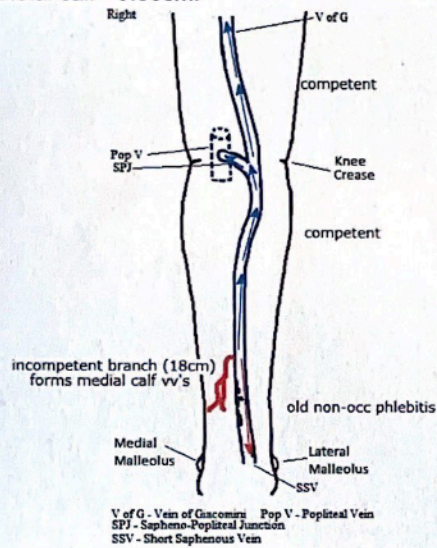
medial calf varicosities with areas of non-occlusive, old superficial thrombophlebitis and venous scarring. Multiple small incompetent branches noted in the distal calf forming posterior distal calf varicosities.

Transverse (AP) dimensions of SSV:

Proximal calf - 0.53cm,

Mid calf - 0.62cm,

Distal calf - 0.63cm.

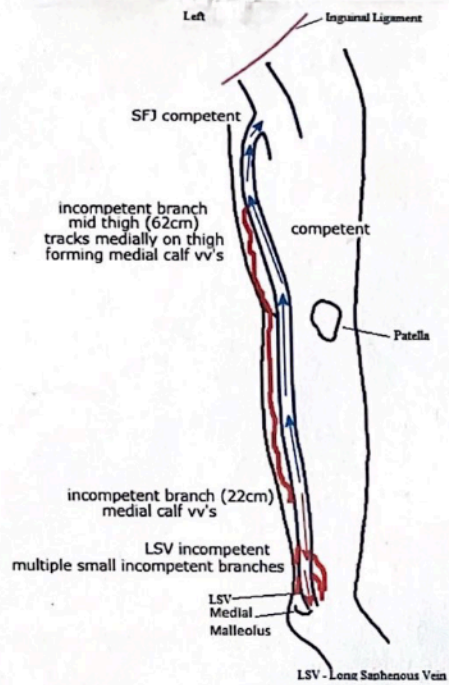


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Reason Varicose vein
Outcome DVT negative, Incompetence - superficial

Deep Veins	Right		Left	
	Patency	Competency	Patency	Competency
Common Iliac Vein				
External Iliac Vein				
Internal Iliac Vein				
Common Femoral Vein			Widely Patent	Competent
Profunda Vein			Widely Patent	Competent
Superficial Femoral Vein			Widely Patent	Competent
Popliteal Vein			Widely Patent	Competent
Posterior Tibial Vein			Widely Patent	Competent
Anterior Tibial Vein			Widely Patent	Competent
Peroneal Vein			Widely Patent	Competent
Soleal Vein			Widely Patent	
Gastrocnemius			Widely Patent	
Superficial Veins				
Saphenofemoral Junction			Widely Patent	Incompetent
L Saphenous Vein Above			Widely Patent	Competent
L Saphenous Vein Below			Widely Patent	Isolated Incompetence
Vein of Giacomini			Not Identified	
Saphenopopliteal Junction			Widely Patent	Competent
S Saphenous Vein			Widely Patent	Competent
Evidence of D.V.T.				
Above the knee			No	
Popliteal			No	
Below the knee			No	

Notes

LEFT LOWER LIMB VENOUS DUPLEX ASSESSMENT

Iliac veins not viewed. Flow in the common femoral vein is phasic with respiration and 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.

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

Sapheno-femoral junction (SFJ) is widely patent and incompetent. Long Saphenous vein (LSV) is widely patent, competent and linear in the thigh. Incompetent branch noted in the proximal calf (31cm). The LSV is then incompetent for a short section to the mid calf. Incompetent branch noted in the mid calf (23cm). The

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LSV is then competent to the ankle.

Transverse (AP) dimensions of LSV:

Proximal thigh - 0.19cm,

Mid thigh - 0.18cm,

Distal thigh - 0.25cm.

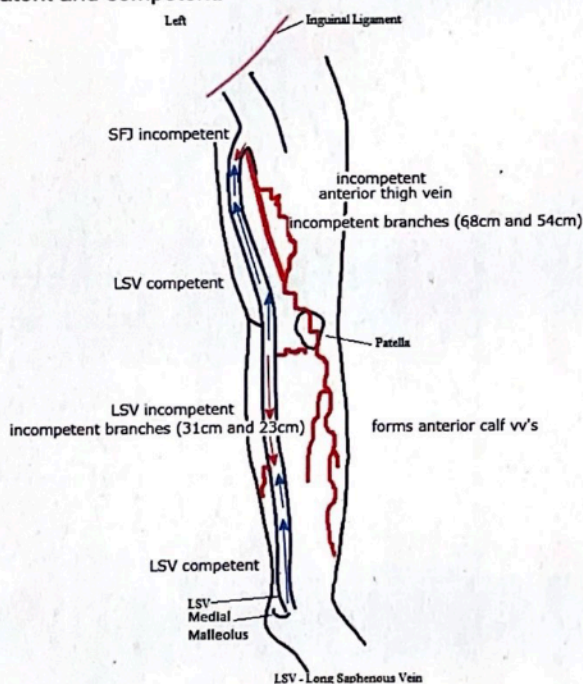
Proximal calf - 0.33cm, dilatation 0.73cm,

Mid calf - 0.32cm,

Distal calf - 0.27cm.

An incompetent anterior thigh vein (AP: 0.33cm) arises from the SFJ, and is linear to the distal thigh (28cm). Incompetent branches noted in the proximal thigh (68cm) and distal thigh (54cm) tracking over the knee and forming anterior calf varicosities to the ankle.

Sapheno-popliteal junction (SPJ) is widely patent and competent. Short Saphenous vein (SSV) is widely patent and competent.



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Reason Varicose vein
Outcome Incompetence - deep, Incompetence - superficial

Deep Veins	Right		Left	
	Patency	Competency	Patency	Competency
Common Iliac Vein				
External Iliac Vein				
Internal Iliac Vein				
Common Femoral Vein	Widely Patent	Slight Incompetence		
Profunda Vein	Widely Patent	Competent		
Superficial Femoral Vein	Widely Patent	Competent		
Popliteal Vein	Widely Patent	Competent		
Posterior Tibial Vein	Widely Patent	Competent		
Anterior Tibial Vein	Widely Patent	Competent		
Peroneal Vein	Widely Patent	Competent		
Soleal Vein	Widely Patent			
Gastrocnemius	Widely Patent			
Superficial Veins				
Saphenofemoral Junction	Widely Patent	Incompetent		
L Saphenous Vein Above	Widely Patent	Incompetent		
L Saphenous Vein Below	Widely Patent	Isolated Incompetence		
Vein of Giacomini	Not Identified			
Saphenopopiteal Junction	Widely Patent	Competent		
S Saphenous Vein	Widely Patent	Competent		
Evidence of D.V.T.				
Above the knee	No			
Popliteal	No			
Below the knee	No			

Notes

RIGHT LOWER LIMB VENOUS DUPLEX ASSESSMENT

Iliac veins not viewed. Flow in the common femoral vein is phasic with respiration and a normal response on Valsalva manoeuvre, suggesting proximal vein patency. The common femoral vein is widely patent and slightly incompetent. All other visualised deep veins appear widely 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 widely patent and incompetent. Long Saphenous vein (LSV) is widely patent, incompetent and linear in the thigh. Dilation noted above knee crease (AP: 2.62cm).

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Incompetent branches noted in the proximal calf (40cm and 33cm), forming the medial and anterior calf varicosities which track to the lateral calf. The LSV is then distal to the ankle.

Transverse (AP) dimensions of LSV:

Proximal thigh - 0.69cm,

Mid thigh - 0.71cm,

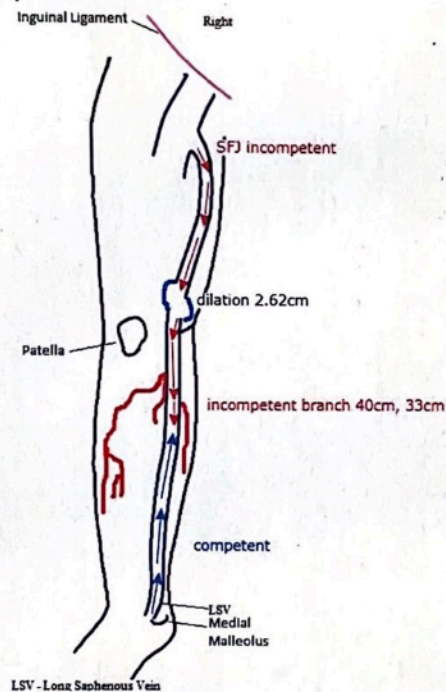
Distal thigh - 0.37cm, dilation above knee crease 2.62cm

Proximal calf - 0.45cm,

Mid calf - 0.38cm,

Distal calf - 0.35cm.

Sapheno-popliteal junction (SPJ) is widely patent and competent. Short Saphenous vein (SSV) is widely patent and competent.



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Reason Varicose vein
Outcome DVT negative, Incompetence - superficial

Right			Left	
Deep Veins	Patency	Competency	Patency	Competency
Common Iliac Vein				
External Iliac Vein				
Internal Iliac Vein				
Common Femoral Vein			Widely Patent	Competent
Profunda Vein			Widely Patent	Competent
Superficial Femoral Vein			Widely Patent	Competent
Popliteal Vein			Widely Patent	Competent
Posterior Tibial Vein			Widely Patent	Competent
Anterior Tibial Vein			Widely Patent	Competent
Peroneal Vein			Widely Patent	Competent
Soleal Vein			Widely Patent	
Gastrocnemius			Widely Patent	
Superficial Veins				
Saphenofemoral Junction			Widely Patent	Incompetent
L Saphenous Vein Above			Widely Patent	Incompetent
L Saphenous Vein Below			Widely Patent	Isolated Incompetence
Vein of Giacomini			Not Identified	
Saphenopopliteal Junction			Not Identified	
S Saphenous Vein			Widely Patent	Competent
Evidence of D.V.T.				
Above the knee			No	
Popliteal			No	
Below the knee			No	

Notes

LEFT LOWER LIMB VENOUS DUPLEX ASSESSMENT

Iliac veins not viewed. Flow in the common femoral vein is phasic with respiration and 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.

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

Sapheno-femoral junction (SFJ) is widely patent and incompetent. Long Saphenous vein (LSV) is widely patent, incompetent and linear in the thigh. Incompetent branch identified in the mid calf (17cm) forming shin and ankle varicosities.

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Transverse (AP) dimensions of LSV:

Proximal thigh - 0.45cm,

Mid thigh - 0.55cm,

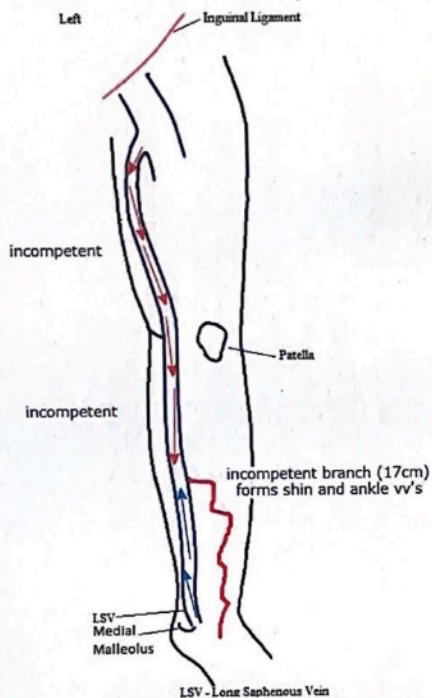
Distal thigh - 0.50cm.

Proximal calf - 0.47cm,

Mid calf - 0.43cm,

Distal calf - 0.24cm.

Sapheno-popliteal junction (SPJ) was not identified. Short Saphenous vein (SSV) was not identified in the proximal-mid calf. SSV identified distally and is competent.



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Reason Varicose vein
Outcome DVT negative, Widely patent , Incompetence - superficial

	Right		Left	
Deep Veins	Patency	Competency	Patency	Competency
Common Iliac Vein				
External Iliac Vein				
Internal Iliac Vein				
Common Femoral Vein			Widely Patent	Competent
Profunda Vein			Widely Patent	Competent
Superficial Femoral Vein			Widely Patent	Competent
Popliteal Vein			Widely Patent	Competent
Posterior Tibial Vein			Widely Patent	Competent
Anterior Tibial Vein			Widely Patent	Competent
Peroneal Vein			Widely Patent	Competent
Soleal Vein			Widely Patent	
Gastrocnemius			Widely Patent	
Superficial Veins				
Saphenofemoral Junction			Widely Patent	Incompetent
L Saphenous Vein Above			Widely Patent	Competent
L Saphenous Vein Below			Widely Patent	Competent
Vein of Giacomini			Widely Patent	Competent
Saphenopopliteal Junction			Not Identified	
S Saphenous Vein			Widely Patent	Competent
Evidence of D.V.T.				
Above the knee			No	
Popliteal			No	
Below the knee			No	

Notes

LEFT LOWER LIMB VENOUS DUPLEX ASSESSMENT

Iliac veins not viewed. Flow in the common femoral vein is phasic with respiration and 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.

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

Sapheno-femoral junction (SFJ) is widely patent and incompetent. Long Saphenous vein (LSV) is widely patent, competent and linear in the thigh and calf.

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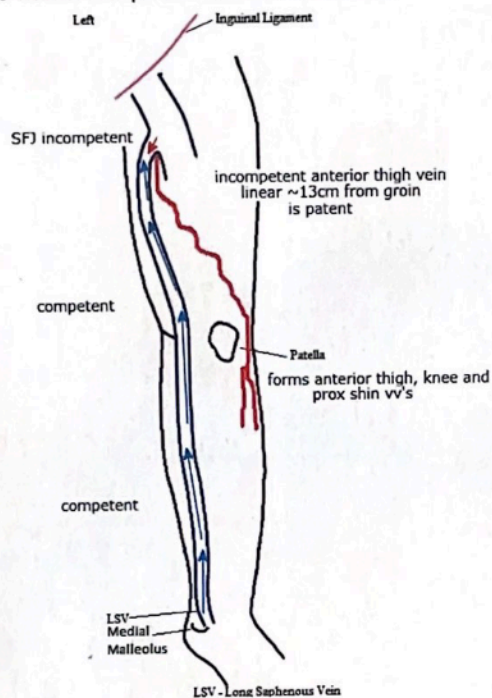
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An incompetent anterior thigh vein arising from the SFJ tracks laterally over the anterior thigh, forming thigh, knee and shin varicosities which appear patent with no evidence of superficial thrombophlebitis. The anterior thigh vein is linear for a length ~13cm from the groin to the proximal thigh. Maximum dimensions AP 0.54cm.

Sapheno-popliteal junction (SPJ) was not identified. Short Saphenous vein (SSV) is competent and is continuous with a competent vein of Giacomini.



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