**Countess of Chester Hospital** 

NHS Foundation Trust

The Countess of Chester Health Park

Liverpool Road

Chester

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Study Description: **US Doppler lower limb veins Rt** Study Date: **30/03/2023**

**Indication:**

reflux, ref by GP painful vv to r leg

**Report:**

**RIGHT LOWER LIMB VENOUS DUPLEX ASSESSMENT**

Iliac veins not viewed. Flow in the common femoral vein (CFV) is phasic with respiration, suggesting proximal vein patency.

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

Slightly incompetent (SIC, reflux >0.5s <1.0s) flow noted in CFV. All other deep veins appear competent.

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

Sapheno-femoral junction (SFJ) is incompetent (reflux >1.0s).

Long Saphenous vein (LSV) is patent, compressible, and incompetent in the thigh, tracking a relatively linear course within the fascia.

Incompetent branches forming varicose veins (VV) noted off the LSV in the proximal thigh at 58cm, and distal thigh at 42cm and 31cm.

The LSV is incompetent in the prox calf at 30cm and mid calf at 18cm. Distal to the later branch the LSV is competent to the ankle.

Transverse (AP) dimensions of LSV:

Proximal thigh - 0.41cm

Mid- thigh - 0.43cm

Distal thigh - 0.69cm

Proximal calf - 0.27cm

Mid calf - 0.33cm

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

**Conclusion**

**Slightly incompetent flow noted in the CFV. All other deep veins appear competent.**

**Reflux noted in the LSV in the thigh and calf.**

**Priority:** **++ Significant or Unexpected Finding ++**

**Reported by:**

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Final Date & Time: 30/03/2023 17:22:35