**Countess of Chester Hospital** 

NHS Foundation Trust

The Countess of Chester Health Park

Liverpool Road

Chester

CH2 1UL

Study Description: **US Doppler vein map lower limb Rt** Study Date: **23/03/2023**

**Indication:**

PVD required a bypass. please assess LSV bilaterally

**Report:**

**BILATERAL LOWER LIMB SAPHENOUS VEIN MAPPING**

**RIGHT**

The right long saphenous vein (LSV) is patent, linear and fully compressible along its length, with no evidence of previous superficial thrombophlebitis. Transverse (AP) dimensions are below:

Proximal thigh – 0.31cm

Mid thigh – 0.12cm

Distal thigh – 0.18cm

Proximal calf – 0.25cm

Mid calf – 0.23cm

Distal calf – 0.35cm

Evidence of old dense and calcified superficial thrombophlebitis along the length of the right short saphenous vein (SSV). Transverse (AP) dimensions are below:

Proximal calf – 0.32cm

Mid calf – 0.38cm

Distal calf – 0.30cm

**LEFT**

The left LSV is patent, linear, competent and fully compressible along its length, with no evidence of previous superficial thrombophlebitis. Transverse (AP) dimensions are below:

Proximal thigh – 0.31cm

Mid thigh – 0.26cm

Distal thigh – 0.20cm

Proximal calf – 0.23cm

Mid calf – 0.21cm

Distal calf – 0.24cm

Evidence of old dense and calcified superficial thrombophlebitis along the length of the right SSV. Transverse (AP) dimensions are below:

Proximal calf – 0.31cm

Mid calf – 0.29cm

Distal calf – 0.36cm

**BILATERAL CEPHALIC / BASILIC VEIN MAPPING**

**RIGHT**

The right cephalic vein is patent and fully compressible along its length, with no evidence of previous superficial thrombophlebitis. Transverse (AP) dimensions are below:

Proximal upper arm – 0.28cm

Mid upper arm – 0.34cm

Distal upper arm – 0.30cm

Proximal forearm – 0.28cm

Mid forearm – 0.18cm

Distal forearm – 0.17cm

The right basilic vein is patent and fully compressible along its length, with no evidence of previous superficial thrombophlebitis. Transverse (AP) dimensions are below:

Proximal upper arm – 0.89cm

Mid upper arm – 0.61cm

Distal upper arm – 0.67cm

Proximal forearm – 0.35cm

Mid forearm – 0.34cm

Distal forearm – 0.27cm

**LEFT**

The left cephalic vein is patent and fully compressible along its length, with no evidence of previous superficial thrombophlebitis. Transverse (AP) dimensions are below:

Proximal upper arm – 0.32cm

Mid upper arm – 0.36cm

Distal upper arm – 0.33cm

Proximal forearm – 0.35cm

Mid forearm – 0.27cm

Distal forearm – 0.32cm

The left basilic vein is patent and fully compressible along its length, with no evidence of previous superficial thrombophlebitis. Transverse (AP) dimensions are below:

Proximal upper arm – 0.85cm

Mid upper arm – 0.52cm

Distal upper arm – 0.30cm

Proximal forearm – 0.21cm

Mid forearm – 0.15cm

Distal forearm – 0.21cm

**Priority:** **++ Routine ++**

**Reported by:**

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Clinical Vascular Scientist

Countess Of Chester Nhs Trust

Final Date & Time: 23/03/2023 11:03:28