**Countess of Chester Hospital** 

NHS Foundation Trust

The Countess of Chester Health Park

Liverpool Road

Chester

CH2 1UL

Study Description: **US Doppler lower limb arteries Rt** Study Date: **15/03/2023**

**Indication:**

previous CLI Dec 22 angio and stent insertion, post procedure duplex due PMH chronic arterial disease RA on methatrexate Lung Ca radiotherapy May 22

**Report:**

**RIGHT LOWER LIMB ARTERIAL DUPLEX SCAN - SFA mid-distal stent**

CFA – Patent with mild dense disease, triphasic waveforms, PSV 109cm/s. PI 4.13

PFA (origin) – Patent with triphasic waveforms, PSV 74cm/s

SFA / Stent - Patent along their length with good triphasic waveforms, PSV 103-63cm/s.

POP A - Patent along its length with good triphasic waveforms, PSV 72-78cm/s.

PTA - Appears occluded along its length

ATA - Colour filling noted in the proximal calf, with good triphasic waveforms, PSV 100cm/s. Appears to occluded in the mid calf. Flow appears to reform via collateral in the distal calf, with slightly reduced monophasic waveforms, PSV 39cm/s.

Per A - Unable to visualise in the prox-mid calf due to depth and calf oedema, where seen in the distal calf appears patent with slightly reduced monophasic waveforms, PSV 37cm/s.

**Conclusion**

**Right SFA stent is patent no evidence of stenosis or an occlusion.**

**Evidence of calf vessel occlusions, however slightly reduced waveforms and satisfactory PSV noted in the ATA and Per A in the distal calf.**

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

**Reported by:**

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