**Countess of Chester Hospital** 

NHS Foundation Trust

The Countess of Chester Health Park

Liverpool Road

Chester

CH2 1UL

Study Description: **US Doppler carotid artery Both** Study Date: **06/03/2023**

**Indication:**

LEFT HISPHERIC STROK. TIA CLINIC 2PM. AF - APIXABAN

**Report:**

**CAROTID DUPLEX SCAN**

**RIGHT**

Subclavian artery: Patent proximally, with good triphasic waveforms, PSV 116cm/s.

Common Carotid Artery (CCA): Patent. Smooth mixed plaques forming a <30% reduction in diameter.

PSV 102cm/s EDV 28cm/s

Bifurcation: Patent. No evidence of any plaque morphology identified

Internal Carotid Artery (ICA): Patent. No evidence of any plaque morphology identified in the proximal ICA. The distal ICA appears patent.

PSV 73cm/s EDV 21cm/s

External Carotid Artery (ECA): Patent. No evidence of any plaque morphology

PSV 104cm/s

Vertebral Artery Flow (VA): Patent where seen, with open and orthograde flow.

PSV 32cm/s

**LEFT**

Subclavian artery: Patent proximally, with good triphasic waveforms, PSV 120cm/s.

Common Carotid Artery (CCA): Patent. Smooth mixed plaques forming a <30% reduction in diameter.

PSV 69cm/s EDV 20cm/s

Bifurcation: Patent. Mixed and dense plaque identified forming a <40% stenosis.

Internal Carotid Artery (ICA): Patent. No evidence of any plaque morphology identified in the proximal ICA. The distal ICA appears patent.

PSV 79cm/s EDV 16cm/s

External Carotid Artery (ECA): Patent. No evidence of any plaque morphology

PSV 106cm/s

Vertebral Artery Flow (VA): Patent where seen, with open and orthograde flow.

PSV 74cm/s

**Conclusion**

**No evidence of significant carotid disease bilaterally.**

**Antegrade flow noted in the right and left VA's.**

**Irregular heart rate noted**

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

**Reported by:**

Nia Steeves

Clinical Vascular Scientist

Countess Of Chester Nhs Trust

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