


Vascular lab report
Assessed by: Emily Blake

Nar	H	Date of Exams: 01/03/2019
DO	N	Ip/Op: OP
Ref	Hospital Site: UHL	

Clinical Indications: Visual disturbance right eye, clinically amaurosis fugax

Carotid and Vertebral Artery – Duplex scan
RIGHT
EXTRACRANIAL CAROTID AND VERTEBRAL ARTERY ASSESSMENT

Internal carotid (ICA) = No significant stenosis

External carotid (ECA) = No significant stenosis

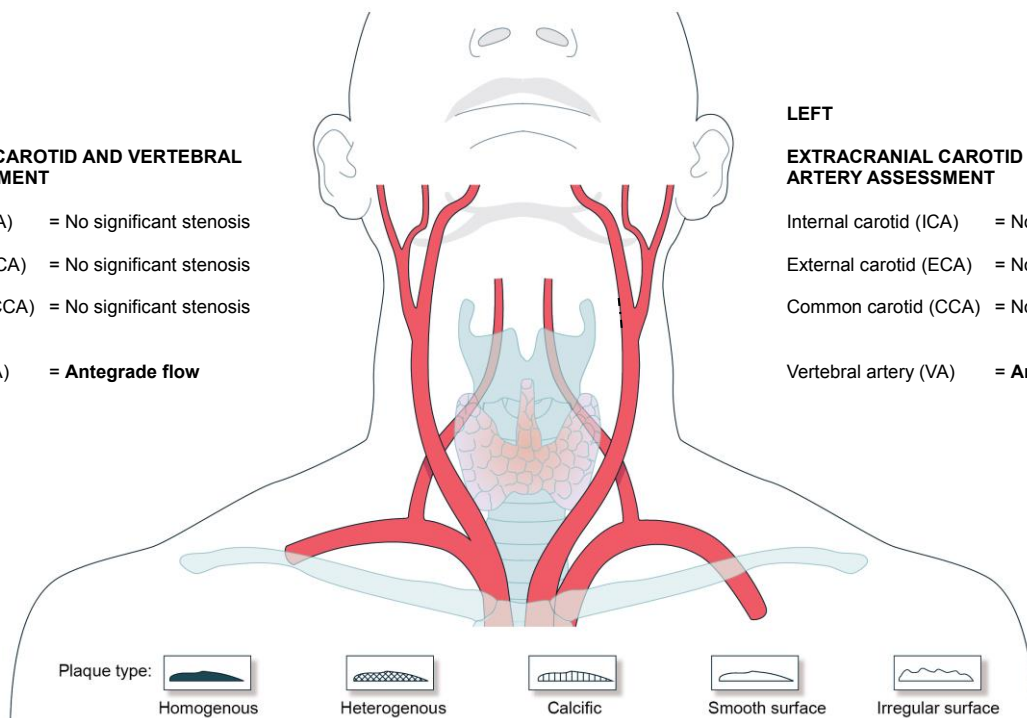
Common carotid (CCA) = No significant stenosis

Vertebral artery (VA) = **Antegrade flow**
LEFT
EXTRACRANIAL CAROTID AND VERTEBRAL ARTERY ASSESSMENT

Internal carotid (ICA) = No significant stenosis

External carotid (ECA) = No significant stenosis

Common carotid (CCA) = No significant stenosis

Vertebral artery (VA) = **Antegrade flow**

Report:
RIGHT:

The Common (CCA), Internal (ICA) and External (ECA) carotid arteries are patent with no significant stenosis detected ($\geq 50\%$). Minimal amount of atheroma imaged in the bulb and proximal internal carotid artery.

ICA Peak Systolic Velocity (PSV) = 0.57m/sec (Normal = <1.20 m/sec)

ICA End Diastolic Velocity (EDV) = 0.13m/sec (Normal = <0.40 m/sec).

The Vertebral artery is patent with antegrade blood flow detected.

LEFT:

The Common (CCA), Internal (ICA) and External (ECA) carotid arteries are patent with no significant stenosis detected ($\geq 50\%$). Minimal amount of atheroma imaged in the bulb and proximal internal carotid artery.

ICA Peak Systolic Velocity (PSV) = 0.64m/sec (Normal = <1.20 m/sec)

ICA End Diastolic Velocity (EDV) = 0.16m/sec (Normal = <0.40 m/sec).

The Vertebral artery is patent with antegrade blood flow detected.

Conclusion:

No haemodynamically significant stenosis detected within the extracranial carotid arteries bilaterally. Antegrade vertebral flow bilaterally.