

Vascular lab report
Assessed by: Emily Blake (CVS)

Name	Hospital No	Date of Exams: 11/4/2019
DOB	NHS No:	Ip/Op: IP
Refer	Hospital Site: UHL	

Clinical Indications: ?carotid arteries stenosis; acute multifocal cerebral infarcts on MRI.

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

Internal carotid (ICA) = No stenosis

External carotid (ECA) = No stenosis

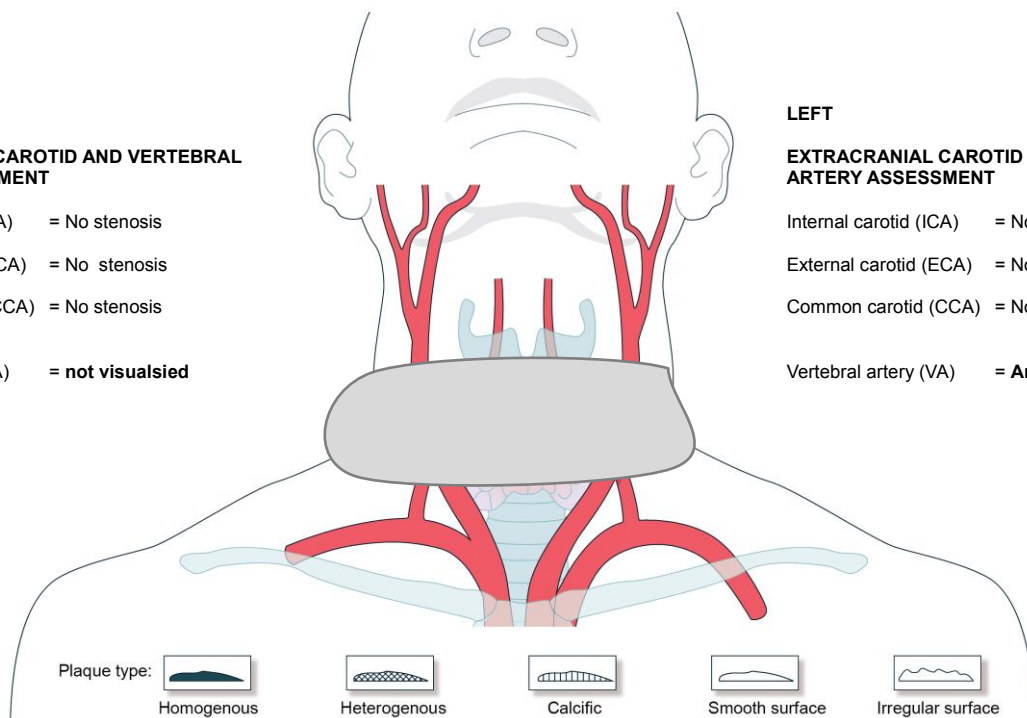
Common carotid (CCA) = No stenosis

Vertebral artery (VA) = **not visualised**
LEFT
EXTRACRANIAL CAROTID AND VERTEBRAL ARTERY ASSESSMENT

Internal carotid (ICA) = No stenosis

External carotid (ECA) = No stenosis

Common carotid (CCA) = No stenosis

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

Report: Scanned in bed – limited window access due to tracheostomy / straps in place.
RIGHT:

The mid to distal Common (CCA), Internal (ICA) and External (ECA) carotid arteries are patent with no stenosis detected.

ICA Peak Systolic Velocity (PSV) = 0.59m/sec

ICA End Diastolic Velocity (EDV) = 0.17m/sec.

The Vertebral artery could not be visualised.

LEFT:

The Common (CCA), Internal (ICA) and External (ECA) carotid arteries are patent with no stenosis detected.

ICA Peak Systolic Velocity (PSV) = 0.57m/sec.

ICA End Diastolic Velocity (EDV) = 0.18m/sec.

The Vertebral artery is patent with antegrade blood flow detected.

Conclusion:

Patent visualised carotid arteries with no stenosis detected bilaterally.