

**Vascular lab report**
**Assessed by:** Emily Blake (CVS)

Name	[REDACTED]	Hospital	[REDACTED]	Date of Exams:	28/03/2019
DOB:	[REDACTED]	NHS N	[REDACTED]	Ip/Op:	OP
Referr	[REDACTED]	Hospital Site:	UHL		

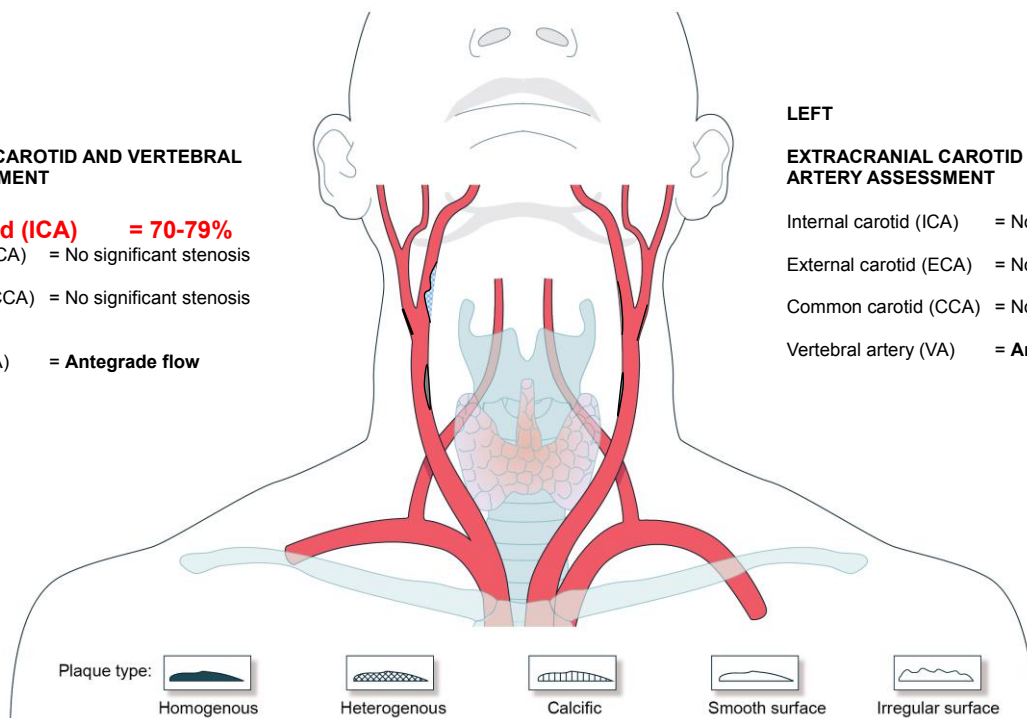
Clinical Indications: Presented with multiple episode of weakness of left arm? TIA or stroke

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

**Internal carotid (ICA)** = 70-79%  
 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. There is lightly echogenic homogenous atheroma imaged within the mid CCA (29% using b-mode linear transverse measurements). Mixed echogenicity atheroma imaged within the bulb and into the ICA causing a lower end diffuse 70-79% stenosis. Flow normalises distally.

ICA Peak Systolic Velocity (PSV) = 2.46m/sec

ICA End Diastolic Velocity (EDV) = 1.15m/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. Lightly echogenic homogenous atheroma detected within the mid CCA, bulb and ICA (<50%).

ICA Peak Systolic Velocity (PSV) = 0.76m/sec.

ICA End Diastolic Velocity (EDV) = 0.30m/sec.

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**Conclusion:**

**Lower end diffuse 70-79% RIGHT ICA STENOSIS with mixed echo atheroma.**

No significant stenosis detected on the left.

Results escalated to Dr Khan in suite 4 – patient sent for r/v in suite 4 today.