

## CAROTID DUPLEX CONCLUSION VASCULAR LAB REPORT

**RIGHT****EXTRACRANIAL CAROTID AND VERTEBRAL ARTERY ASSESSMENT**

Internal carotid (ICA) = **60-69% origin stenosis, With diffuse calcified Ateroma seen.**

External carotid (ECA) = No heamodynamic stenosis.

Common carotid (CCA) = No haemodynamic stenosis.

Vertebral artery (VA) = Antegrade flow

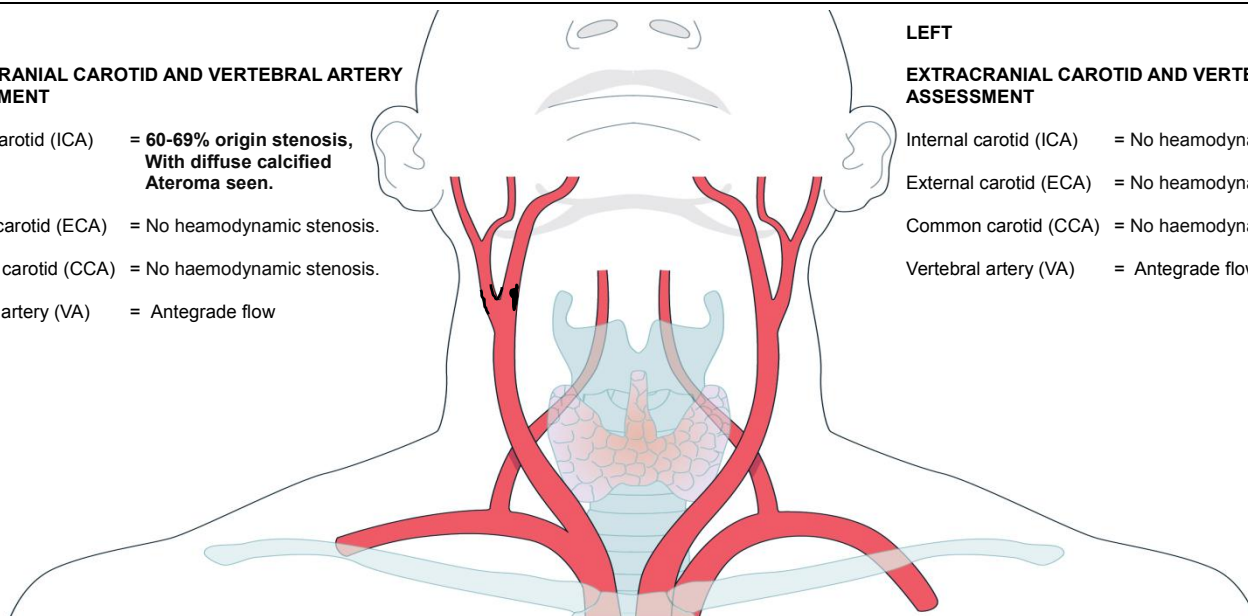
**LEFT****EXTRACRANIAL CAROTID AND VERTEBRAL ARTERY ASSESSMENT**

Internal carotid (ICA) = No heamodynamic stenosis..

External carotid (ECA) = No heamodynamic stenosis.

Common carotid (CCA) = No haemodynamic stenosis.

Vertebral artery (VA) = Antegrade flow

**Report: Velocities for grading stenoses****RIGHT:**

ICA Peak Systolic Velocity (PSV) = 185cm/sec  
ICA End Diastolic Velocity (EDV) = 51cm/sec  
CCA Peak Systolic Velocity (PSV) = 70cm/sec  
CCA End Diastolic Velocity (EDV) = 16cm/sec

$ICA_{PSV}/CCA_{PSV} = 2.64$   
 $ICA_{PSV}/CCA_{EDV} = 11.5$

**LEFT:**

ICA Peak Systolic Velocity (PSV) = 71cm/sec  
ICA End Diastolic Velocity (EDV) = 25cm/sec