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| **LEFT**  **EXTRACRANIAL CAROTID AND VERTEBRAL ARTERY ASSESSMENT**  **Internal carotid (ICA) = 80-89% Stenosis**  External carotid (ECA) = No significant stenosis  Common carotid (CCA) = No significant stenosis  Vertebral artery (VA) = **Antegrade flow**  **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** | | |
| **RIGHT:**  The Common (CCA), Internal (ICA) and External (ECA) Carotid arteries are all patent with no evidence of significant stenosis. Mild amount of calcific atheroma imaged within the bulb and proximal Internal carotid artery.  ICA PSV= 0.77m/s  ICA EDV= 0.29m/s  The vertebral artery is patent with antegrade flow demonstrated.  **LEFT:**  The Common (CCA), Internal (ICA) and External (ECA) Carotid arteries are all patent with no evidence of significant stenosis. Significant amount of irregular calcific atheroma imaged within the bulb and proximal Internal carotid artery causing 80-89% stenosis.  ICA PSV= 3.52m/s  ICAPSV/CCAPSV ratio = 5.25  ICAPSV/CCAEDV (St. Mary’s ratio) = 22  ICA EDV= 1.25m/s  CCA PSV= 0.67m/s  CCA EDV= 0.16m/sec  The vertebral artery is patent with antegrade flow demonstrated.  **CONCLUSION:**  Right: Patent extracranial carotid arteries with no haemodynamically significant stenosis  **Left: 80-89% left ICA stenosis** | | |