NHS Number: 6\*\*\*\*\*\*\*\*9  
Referring Doctor: ELUZAI HAKIM  
Report Author: Janine Fletcher   
  
**19B\*\*\*\*\*\*7 24/01/2019 US Doppler carotid artery Both**   
  
Clinical History: Acute onset dysphasia and currently dysarthritic. Previous carotid disease found.  
  
**SUMMARY: NO SIGNIFICANT ICA STENOSES**  
  
The common carotid, internal and external carotid, and the vertebral arteries were assessed.  
  
RIGHT: Intimal thickening was noted in the CCA and there was minor echogenic plaque at the distal CCA and ICA origin. No significant narrowings were found and velocities were within normal ranges throughout.  
  
LEFT: The vessels were particularly deep on this side and imaging was sub-optimal. Intimal thickening was noted in the CCA with echogenic plaque in both the ECA and ICA proximally. A tight stenosis was identified with velocities over 360cm/s, however this was shown to be in the ECA rather than the ICA. This was supported by temporal tapping, vessel appearances/positions and a second opinion from another vascular scientist. The ICA carried normal velocities with no narrowings seen.  
  
VERTEBRALS: Normal antegrade flow was demonstrated in both vertebral arteries.  
  
Janine Fletcher - Vascular scientist  
  
Dominic Foy - Principal medical physicist