NHS Number: 4\*\*\*\*\*\*\*\*1  
Referring Doctor: KAMY THAVANESAN KTHA  
Report Author: Janine Fletcher   
  
**19B\*\*\*\*\*\*6 06/03/2019 US Doppler carotid artery Both**   
  
Clinical History: Admitted with left sided weakness and facial droop.  
  
**SUMMARY: NO SIGNIFICANT ICA STENOSES BUT EVIDENCE OF DISTAL OBSTRUCTION ON RIGHT SIDE**  
  
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 echoegnic plaque at the origin of the ICA. This was not causing any significant stenosis in the ICA however the Doppler waveforms demonstrated here and in the CCA are indicative of high resistance distally and volume flow in the CCA was significantly reduced compared to the left side. The distal ICA appeared normal so this would suggest a significant obstruction intracranially.  
  
LEFT: Minor echogenic plaque was seen at the carotid bifurcation. No significant narrowings were found and velocities were within normal ranges throughout.  
  
VERTEBRALS: Normal antegrade flow was demonstrated in both vertebral arteries.  
  
Janine Fletcher - Vascular scientist