NHS Number: 4\*\*\*\*\*\*\*\*7  
Referring Doctor: C CRITOPH CCRI  
Report Author: Janine Fletcher   
  
**19B\*\*\*\*\*\*2 18/04/2019 US Doppler carotid artery Both**   
  
Clinical History: For AVR, infective endocarditis.  
  
**SUMMARY: NO SIGNIFICANT STENOSES, GENERALLY HIGH VELOCITY FLOW**  
  
The common carotid, internal and external carotid, and the vertebral arteries were assessed.  
  
RIGHT: Intimal thickening was noted in the CCA and distally there was moderate smooth, mid-echogenic plaque extending just into the ECA and ICA origins causing high velocities of 247cm/s in the ECA. This plaque was also reducing the flow lumen diameter in the ICA origin by approximately 35%. Peak velocities were generally elevated throughout the carotid vessels and there was no change going from the CCA to the ICA (CCA 141cm/s, ICA 140cm/s) therefore no significant stenosis is indicated.  
  
LEFT: Intimal thickening was noted throughout the carotid vessels and again velocities were generally elevated, e.g. 178cm/s in the CCA and 151cm/s in the ICA. No significant disease or narrowings were evident in the ICA.  
  
VERTEBRALS: Normal antegrade flow was demonstrated in both vertebral arteries.  
  
Janine Fletcher - Vascular scientist