NHS Number: 4\*\*\*\*\*\*\*\*4  
Referring Doctor: B Jupp  
Report Author: Janine Fletcher   
  
**19B\*\*\*\*\*\*1 03/04/2019 US Doppler carotid artery Both**   
  
Clinical History: Bilateral carotid bruits. Episode of collapse, ?seizure.  
  
**SUMMARY: RIGHT ICA GREATER THAN 90% STENOSIS**  
  
The common carotid, internal and external carotid, and the vertebral arteries were assessed.  
  
RIGHT: Significant heterogeneous plaque was seen at the carotid bifurcation extending into ICA and ECA origins. This was causing a very tight narrowing at the ICA origin with peak velocities over 600cm/s, indicating a greater than 90% stenosis. The ICA was patent distally. Velocities were also raised in the ECA.  
  
LEFT: Intimal thickening was noted in the CCA and there was just some minor disease in the proximal ICA. 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