NHS Number: 4\*\*\*\*\*\*\*\*2  
Referring Doctor: KAMY THAVANESAN KTHA  
Report Author: Janine Fletcher   
  
**19B\*\*\*\*\*\*9 10/04/2019 US Doppler carotid artery Both**   
  
Clinical History: Left sided amaurosis fugax.  
  
**SUMMARY: LEFT ICA GREATER THAN 90% STENOSIS**  
  
The common carotid, internal and external carotid, and the vertebral arteries were assessed.  
  
RIGHT: Intimal thickening was noted in the CCA and there was discrete echogenic plaque at the origin of the ICA. No significant narrowings were found and velocities were within normal ranges throughout.  
  
LEFT: Intimal thickening was noted in the CCA then there was severe disease in both the ICA and ECA origins with narrowings identified in each. The ICA origin showed heterogeneous plaque that was mostly echolucent and this was causing a narrow channel of flow with a stenotic jet of 497cm/s. Measurements indicate a stenosis of more than 90%. The ICA was patent distally with normal colour filling and was generally a small vessel (diameter 3.8mm). The bifurcation was not particularly high.  
  
VERTEBRALS: Normal antegrade flow was demonstrated in both vertebral arteries.  
  
Janine Fletcher - Vascular scientist