NHS Number: 4\*\*\*\*\*\*\*\*9  
Referring Doctor: SUNEEL TALWAR ST  
Report Author: Janine Fletcher   
  
**19B\*\*\*\*\*\*8 27/02/2019 US Doppler carotid artery Both**   
  
Clinical History: Workup for possible cardiac valve surgery.  
  
**SUMMARY: LEFT ICA 80-89% STENOSIS**  
  
The common carotid, internal and external carotid, and the vertebral arteries were assessed.  
  
RIGHT: Moderate heterogeneous plaque was seen in the proximal ICA. This was not causing any significant narrowing and velocities were within normal ranges throughout.  
  
LEFT: Intimal thickening was noted in the CCA and there was significant irregular heterogeneous plaque in the proximal ICA causing a tight stenosis. Velocities were raised to 389cm/s and stenosis is estimated as 80-89%. The ICA was patent distally and the bifurcation was not particularly high.  
  
VERTEBRALS: Normal antegrade flow was demonstrated in both vertebral arteries.  
  
Janine Fletcher - Vascular scientist