NHS Number: 4\*\*\*\*\*\*\*\*2  
Referring Doctor: LASANTHA WIJESINGHE LDW  
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**19B\*\*\*\*\*\*3 25/01/2019 US Doppler carotid artery Right**   
  
Clinical History: Left facial droop. Right sided ICA disease found on initial scan. Confirm patency for treatment plan.  
  
**SUMMARY: RIGHT ICA 60-69% STENOSIS  
  
see diagram**  
  
RIGHT: The CCA showed intimal thickening and there was severe echogenic plaque at the very distal end extending into the ECA origin and proximal ICA.   
  
Velocities were raised into the ECA (PSV 220cm/s). Plaque extended into the ICA for about 1.5cm and it was causing acoustic shadowing that was significantly limiting Doppler information.   
  
A maximum PSV of 148cm/s was measured just at the end of the this disease in the ICA. Values correspond to an estimated stenosis of 60-69% by NASCET criteria however velocities may be even higher underneath the shadowed segment. The ICA was patent distally with a visible, disease-free section of more than 3cm visible beyond the plaque.  
  
Janine Fletcher - Vascular scientist

