NHS Number: 7\*\*\*\*\*\*\*\*0  
Referring Doctor: ELUZAI HAKIM  
Report Author: Janine Fletcher   
  
**19B\*\*\*\*\*\*0 24/01/2019 US Doppler carotid artery Both**   
  
Clinical History: Left hemiplegia whilst in Brazil. Investigated there and supposedly attempted angioplasty to the right internal carotid artery.  
  
**SUMMARY: LIMITED FLOW ON RIGHT SIDE, SUSPECTED DISTAL ICA OCCLUSION**  
  
The common carotid, internal and external carotid, and the vertebral arteries were assessed.  
  
RIGHT: The CCA and ECA were patent and volume flow in the CCA was found to be significantly low. The ICA bulb showed significant reverse flow back into the CCA however there was a patent, narrow channel of low-velocity flow leading into the ICA. This flow extended into the ICA for approximately 1.5cm then no further flow could be detected, indicating probable distal ICA occlusion. The ICA was very small calibre beyond the bulb.  
  
LEFT: Carotid vessels normal, 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