NHS Number: 6\*\*\*\*\*\*\*\*6  
Referring Doctor: CHRISTOPHER LEE CHL  
Report Author: Janine Fletcher   
  
**19B\*\*\*\*\*\*0 23/04/2019 US Arteriovenous fistula**   
  
Clinical History: Left brachiocephalic fistula; viabahn stent inserted January 2019. Reduced flows.  
  
\*\*Please note patient was scanned in one-stop clinic\*\*  
  
**SUMMARY: TIGHT IN-STENT STENOSIS WITHIN FISTULA VEIN  
  
also see diagram**  
  
LEFT ARM: The supplying brachial artery was patent with normal flow. Volume flow in the axilliary artery measured 848ml/min.  
  
The fistula site itself was normal and the un-stented part of the fistula vein in the upper arm was patent with no stenoses however volume flows were reduced at 476ml/min. The stent was identified in the fistula vein above axilla level; the initial part of the stent was clearly narrowed on B mode and velocities were raised by X6 to 604cm/s, indicating tight stenosis. This narrowed section was shown to be a length of approximately 1.4cm. The vein was patent past this stenosis however just at the confluence with the deep vein velocities were again significantly raised (by X4 to 274cm/s).   
  
Janine Fletcher - Vascular scientist

