NHS Number: 4\*\*\*\*\*\*\*\*9  
Referring Doctor: A Harvey  
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**19B\*\*\*\*\*\*2 14/02/2019 Doppler Ankle Pressure Measurement (ABPI)  
19B\*\*\*\*\*\*2 14/02/2019 US Doppler lower limb arteries Rt  
19B\*\*\*\*\*\*3 14/02/2019 US Doppler aortoiliac**   
  
Clinical History: Awaiting right sided total knee replacement. Pulses not palpable on right foot.  
  
**SUMMARY: RIGHT SFA OCCLUSION, ABPI 0.47**  
  
**ALSO SEE DIAGRAM**  
  
ABPI measurements  
  
Brachial systolic BP (mmHg): Right 190, Left 180  
  
RIGHT:-  
At rest: DP (60) 0.32, monophasic; PT (90) 0.47, monophasic  
  
LEFT:-  
At rest: DP (130) 0.68, monophasic; PT (130) 0.68, monophasic  
  
The arteries in the right leg were scanned.   
  
The aortoiliac region was not well visualised though triphasic flow was demonstrated in each EIA.  
  
RIGHT LEG: The CFA and PFA origin were patent with triphasic signals. Significant calcified plaque was observed on the posterior wall of the CFA though no velocity changes were observed.  
  
The SFA was calcified and was patent proximally then OCCLUDED in the upper thigh for a length of approximately 6cm. Damped monophasic refill was noted in the mid/lower thigh, which continued into a patent popliteal artery.  
  
Calf vessels: The PTA and ATA were patent and calcified with damped monophasic signals. The peroneal artery was not clearly seen.  
  
Janine Fletcher - Vascular scientist

