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| **RABPI = 0.74**  **LABPI = 0.75**  **LEFT LEG:**  EIA = Triphasic  Diffuse heterogeneous atheroma noted to the calf.  CFA = Triphasic  PFA = Triphasic  SFA = Triphasic, mid-thigh stenosis, 50-75%, triphasic post stenosis.  Pop = Proximal stenosis high-end 50-75%, triphasic  TPT = Triphasic  **Run off:**  ATA = Proximal stenosis 50-75%, hyperaemic throughout.  PTA = Triphasic  Peroneal = Triphasic  **Abdominal Aorta diameter** = 1.9cm max AP  **RIGHT LEG:**  EIA = Triphasic  Diffuse heterogeneous atheroma noted to the calf.  CFA = Triphasic  PFA = Triphasic  SFA = Occluded, reformed distally, 29cm/s.  Pop = Monophasic, 62cm/s.  TPT = Monophasic  **Run off:**  ATA = Small occlusion, proximally dampened monophasic to the ankle. 25cm/s.  PTA = monophasic, 52cm/s  Peroneal = Patent to the ankle, occluded, then reformed. | | |
| Report:  **Abdomen**  The abdominal Aorta is patent and of normal calibre from the mid-distal Aorta . The Common iliac arteries are of normal calibre and External Iliac arteries are both patent with triphasic waveforms noted and no significant stenosis.  **US Doppler lower limb arteries Rt:**  Diffuse heterogeneous atheroma noted to the calf.  The Common Femoral and Profunda Femoral are patent with triphasic waveforms detected, no significant stenosis noted.  The SFA occludes from the origin with a small lumen to the distal thigh. ~ 3-4cm above the knee the artery is reformed with monophasic waveform noted, 29cm/s.    The Tibio-Peroneal Trunk and Posterior Tibial are patent with monophasic waveforms to the ankle.  The ATA is patent although a short 8.6mm segment of no colour or Doppler flow is detected. Monophasic waveforms are noted to the distal calf. A collateral is observed supplying flow to the peroneal at the ankle.  The Peroneal artery is patent to the ankle where the artery occludes with no colour or Doppler flow detected. The peroneal at the ankle is reformed by the ATA.  **US Doppler lower limb arteries Lt:**  Diffuse heterogeneous atheroma noted to the calf.  The Common Femoral and Profunda Femoral arteries are patent with triphasic waveforms detected, no significant stenosis noted.  The SFA is patent with triphasic waveforms to the mid-thigh with a max PSV of 2.83m/s with a PSVT of 2.85 suggestive of a 50-75% stenosis.  The Popliteal is patent with a max PSV post adductors canal, 3.2m/s with a PSVR of 4.29, suggestive of a high end 50-75% stenosis, however triphasic waveforms are noted in the remaining vessel.  The Tibio-Peroneal Trunk, Posterior Tibial, and Peroneal arteries are patent with triphasic/ hyperaemic waveforms detected.  The ATA is patent with a max PSV of 1.8 with a PSVR of 2.4 suggestive of a 50-75% stenosis. Hyperaemic waveforms are noted to the distal calf.  ABPI= Moderately abnormal resting ABPI  RT= 0.74  LT= 0.75 | | |
| Abnormal ABPI Brachial 144mmHg  RT PTA 108mmHg LT PTA = 110  LT ATA 100 mmHg LT ATA = 140, ? Falsely elevated due to medial calcification. | | |