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| **RTBPI = 0.18**  **Toe= 35mmHg**  **LTBPI = No usable digit**  **LEFT LEG:**  CIA = Triphasic  EIA = Triphasic  CFA = Triphasic  PFA = Triphasic  SFA = focal stenosis mid-distal thigh, previously reported 50-75% similar findings today.  Pop = Triphasic  TPT = Triphasic  **Run off: Heavily and diffusely calcific crural arteries, with signal loss/acoustic shadowing. Findings consistent with small vessel disease.**  ATA = Monophasic distally.  PTA = Monophasic  Peroneal = Monophasic  **Abdominal Aorta diameter** =1.8cm max AP  **RIGHT LEG:**  CIA = Biphasic  EIA = Biphasic  CFA = Biphasic  PFA = Biphasic  SFA = Diffusely calcified, although no significant increase in velocities  Pop = Biphasic  TPT = Biphasic  **Run off: Heavily and diffusely calcific crural arteries, with signal loss/acoustic shadowing. Findings consistent with small vessel disease.**  ATA = Biphasic to mid-calf occludes, artery reforms at the malleolus, monophasic into the DPA.  PTA = monophasic to the ankle.  Peroneal = tri-biphasic, monophasic at the ankle. | | |
| Report:   |  |  |  |  | | --- | --- | --- | --- | | **Requesting Dr:** | **ASTON NIALL** | **Name:** | **HASLAM DEREK** | | **Sex:** | **M** | **DOB:** | **16/07/1941** | | **Location:** | **AOP** | **Unit Number:** | **401060743** | |  |  | **NHS Number:** | **4121235177** | |  |  | **Accession No:** | **12515560** |   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   |  | | --- | | ASTON NIALL | | QUEEN ELIZABETH HOSPITAL STADIUM ROAD SE18 4QH LONDON | | LONDON SE18 4QH |   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **QE IMAGING DEPARTMENT REPORT**  Exam Date: 15/05/2018  **Abdomen**  The proximal to mid Aorta was patent and of normal calibre, the distal aorta was not visualized due to bowel gas. The proximal common iliac artery was not visualized due bowel gas however; the distal CIA and external iliac arteries were patent with triphasic waveforms noted and no significant stenosis.    **US Doppler lower limb arteries Rt:**  The Common Femoral artery was patent with mild diffuse calcific atheorma with triphasic waveforms observed. The Profunda femoral artery is patent with mild heterogeneous atheroma with biphasic waveforms observed.  The Superficial Femoral artery is patent with biphasic waveforms throughout with mild-moderate diffuse calcific atheroma although, only segmentally viewed due to acoustic shadowing. Waveforms are biphasic throughout.  The Popliteal and TPT are patent with biphasic waveforms noted and mild diffuse calcific atheroma.  Due to acoustic shadowing stenosis or occlusion was unable to be ruled out in crural arteries.  The Posterior Tibial is segmentally viewed due to acoustic shadowing and signal loss due to heavily calcified atheroma with pulsatile monophasic waveforms observed distally.  The ATA is patent to the mid-calf occludes with no colour or Doppler flow detected. The artery reforms at the malleolus, monophasic into the DPA.  The Distal Peroneal artery was observed to have biphasic waveforms at the ankle.  **US Doppler lower limb arteries Lt:**  The Common Femoral was patent with Triphasic waveforms and moderate heterogeneous atheroma noted. The Profunda Femoral artery was patent with biphasic waveforms.  The Superficial Femoral is patent with mild diffuse calcific atheroma observed. Approximately 13 cm below the groin crease a max velocity of 2.40 cm/s, previously noted 50-75% stenosis, similar findings today. The distal SFA was observed to have triphasic waveforms.  The Popliteal and Tibio-Peorneal trunk arteries were patent with triphasic waveforms detected.     |  |  | | --- | --- | | Reported By: | VASCULAR SONOGRAPHER - DANIEL SIMS | | Report Date: | 15/05/2018 13:57:00 | | Typed By: |  |   Report status: Validated / - Vascular Sonographer - Daniel Sims, | | |
| Due to acoustic shadowing from calcific atheroma the crural arteries were segmentally observed. The distal PTA was observed to have monophasic waveforms at the ankle 45cm/s.  The peroneal artery was patent with monophasic waveforms distally 106cm/s.  The Anterior Tibial artery was patent with monophasic waveforms at the ankle. | | |