

**Clinical Measurement Services**  
**UNIVERSITY HOSPITALS OF DERBY & BURTON NHS FOUNDATION TRUST**  
**Vascular Ultrasound Report**

ARTERIAL STUDY - LOWER LIMB

---

Name:	Date of Test:	04/08/2021 11:57:40
Hospital Number:	Test Number:	3173153
Date of Birth:	Technician:	HEUGIL
Ordering Doctor: Mohamed Bakhit	Dept/Ward:	310 (Uro)

---

**Symptoms and Surgical Procedures**

**Doppler Pressures**

**At Rest**

Brachial mmHg  
Right DP mmHg Left DP mmHg  
Right PT mmHg Left PT mmHg

**After Exercise**

Brachial mmHg  
Right DP mmHg Left DP mmHg  
Right PT mmHg Left PT mmHg

**Arterial Arm Dopplers**

Brachial Right : mmHg Left: mmHg  
Radial Right: mmHg Left: mmHg  
Ulna Right: mmHg Left: mmHg

Technically difficult study due to patient body habitus. As such, the iliac arteries were unable to be assessed.

**Right lower limb**

**Calcification noted throughout the vessels.**

CFA: Patent. No significant arterial disease seen. The waveforms are triphasic (PSV = 1.61 m/s), however the systolic rise time is slightly delayed (128 ms), which may indicate the presence of proximal disease.

PFA: Patent at origin with no significant arterial disease seen proximally.

SFA: Patent. Monophasic waveforms with a slightly delayed systolic rise time throughout, PSVs: proximal = 1.66m/s, mid = 2.04m/s, distal = 2.10m/s. The adductor canal was difficult to clearly visualise due to patient positioning, however, appears patent where seen.

POPA: Patent. Slightly damped monophasic waveforms, PSVs: proximal = 1.21m/s, distal = 1.50m/s.

TPT: Patent. Slightly damped monophasic waveforms, PSV= 0.97m/s.

**Crural arteries**

Crural vessels only assessed proximally due to overlying bandages.

Proximal PTA: Patent, damped monophasic waveforms, PSV = 1.13m/s.

Proximal ATA: Patent, damped monophasic waveforms PSV = 1.14m/s.

Proximal PEROA: Patent, damped monophasic waveforms, PSV = 1.22m/s.

**Summary: Calcified vessels throughout, where seen no significant right lower limb arterial disease identified, however ?non-visualised aorto-iliac disease.**

Reporter: Miss Heulwen Gilbert