

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

ARTERIAL STUDY - LOWER LIMB

Name:	Date of Test:	03/08/2021 03:51:01
Hospital Number:	Test Number:	3172310
Date of Birth:	Technician:	HEUGIL
Ordering Doctor: Mr MK Lingam	Dept/Ward:	Derby OPD

Symptoms and Surgical Procedures

Doppler Pressures

At Rest

Brachial 165 mmHg
Right DP mmHg Left DP 179 mmHg
Right PT 178 mmHg Left PT 154 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

Clinical presentation: No obvious claudication or rest pain. Not diabetic. Non-smoker.
Medications: Levothyroxine, Prednisolone.

Aorto-iliac segment

Aorta: Patent with no significant stenosis seen, and is of normal and uniform calibre throughout. Biphasic waveforms, PSV 0.92m/s.
Right CIA: Patent with no significant stenosis seen. Triphasic waveforms, PSV 0.71m/s.
Right EIA: Patent with no significant stenosis seen. Triphasic waveforms, PSV 1.10m/s.

Right lower limb

CFA: Patent with no significant arterial disease seen, biphasic waveforms, PSV 1.11m/s.
PFA: Patent at origin with no significant arterial disease seen proximally, biphasic waveforms, PSV 0.83m/s.
SFA: Patent. No significant arterial disease seen. Biphasic waveforms throughout, PSVs: proximal 0.86m/s, mid 0.74m/s, distal 0.73m/s. The vessel is patent throughout the adductor canal.
POPA: Patent. No significant arterial disease seen. Biphasic waveforms, PSVs: proximal 0.72m/s, distal 0.73m/s.
TPT: Patent with no significant arterial disease seen. Biphasic waveforms, PSV 1.07m/s.

Crural arteries

PTA: Patent throughout with no significant disease seen. Tri/biphasic waveforms throughout, distal PSV 1.01m/s.
ATA: The proximal-distal vessel is patent throughout but of small calibre, with triphasic waveforms noted, PSV 0.72m/s.
Vessel is occluded at the ankle.
PEROA: Patent throughout with no significant disease seen. Biphasic waveforms throughout, distal PSV 1.00m/s.

Bilateral resting ABPIs are within normal limits at 1.1 (right and left).

Summary: No significant proximal arterial disease. ATA is occluded at the ankle.

Reporter: Miss Heulwen Gilbert