

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

ARTERIAL STUDY - LOWER LIMB

Name:	Date of Test:	23/06/2021 12:58:48
Hospital Number:	Test Number:	3121420
Date of Birth:	Technician:	HEUGIL
Ordering Doctor:	Dr Isha Isha Narang	Dept/Ward: Derby OPD

Symptoms and Surgical Procedures

Right lower limb post op wound not healing

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

Clinical presentation: Patients walking is limited due to breathing issues. Complains of throbbing in toes at night and of cold blue toes constantly. Non-smoker. Not diabetic.

Right lower limb:

CFA: Patent with no significant arterial disease seen, triphasic waveforms, PSV 0.96m/s.
PFA: Patent at origin with no significant arterial disease seen proximally, triphasic waveforms, PSV 0.85m/s.
SFA: Patent. No significant arterial disease seen. Tri/biphasic waveforms throughout, PSVs: proximal 1.23m/s, mid 0.79m/s, distal 0.73m/s. The vessel is patent throughout the adductor canal.
POPA: Patent. No significant arterial disease seen. Biphasic waveforms, PSVs: proximal 0.66m/s, distal 1.18m/s.
TPT: Patent with no significant arterial disease seen. Biphasic waveforms, PSV 0.70m/s.

Crural arteries

PTA: Patent throughout with no significant disease seen. Biphasic waveforms throughout, distal PSV 0.87m/s.
ATA: Patent throughout with no significant disease seen. Biphasic waveforms throughout, distal PSV 1.08m/s.
PEROA: Patent throughout with no significant disease seen. Biphasic waveforms throughout, distal PSV 0.53m/s.

ABPI could not be performed due to location of wound on shin.

Summary:

No evidence of right lower limb arterial disease.

Reporter: Miss Heulwen Gilbert