

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

ARTERIAL GRAFT SURVEILLANCE

Name:	Date of Test:	03/08/2021 09:15:07
Hospital Number:	Test Number:	3170819
Date of Birth:	Technician:	HEUGIL
Ordering Doctor: Mr Tim Rowlands	Dept/Ward:	Derby OPD

Symptoms and Surgical Procedures

Angio distal anastomosis 25th June

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 History: No rest pain or claudication. Not diabetic. Ex-smoker. Fem-pop AK bypass and CFA enterectomy June 2020. Angioplasty distal anastomosis June 2021.

Medications: Clopidogrel and Aspirin.

Right lower limb

CFA: Patent with no significant arterial disease seen, turbulent triphasic waveforms, PSV 1.22m/s.

PFA: Patent at origin with no significant arterial disease seen, biphasic waveforms, PSV 0.93m/s.

Graft

Proximal Anastomosis: Patent with triphasic waveforms, PSV 0.57m/s.

Graft Body: Patent throughout with hyperaemic waveforms proximally, PSV 0.89m/s and triphasic waveforms in the mid and distal graft, PSV 0.61m/s and 0.70m/s respectively.

Distal Anastomosis: Patent with hyperaemic waveforms, PSV 1.26m/s.

POPA: Patent throughout with no significant arterial disease seen, hyperaemic waveforms, PSV 0.70m/s proximally and 1.02m/s distally.

TPT: Patent with no significant arterial disease seen, hyperaemic waveforms, PSV 0.92m/s.

PTA: Patent at ankle with hyperaemic waveforms, PSV 0.63m/s.

ATA: Patent at ankle with hyperaemic waveforms, PSV 0.84m/s.

PEROA: PTA: Patent at ankle with hyperaemic waveforms, PSV 0.58m/s.

ABPI unable to be performed due to swelling of ankles and skin condition.

Summary: Graft is patent throughout with no evidence of stenosis.

Review in vascular lab November 2021.

Reporter: Miss Heulwen Gilbert