

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

ARTERIAL GRAFT SURVEILLANCE

---

Name:		Date of Test:	05/07/2021 08:58:28
Hospital Number:		Test Number:	3133990
Date of Birth:		Technician:	HEUGIL
Ordering Doctor:	Mr J Quarmby	Dept/Ward:	Derby OPD

---

**Symptoms and Surgical Procedures**

Right proximal graft scan to keep an eye on the proximal ana

**Doppler Pressures**

**At Rest**

Brachial 80 mmHg  
Right DP 168 mmHg   Left DP   mmHg  
Right PT 170 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: Complains of pain in the right calf after walking a short distance - this was reported in July 2020 when the graft was patent throughout. Patient says this claudication pain has remained stable since previous assessment (Ankle waveforms and ABPI were performed due to this complaint).

Medications: Statins, Clopidogrel and Aspirin.

**Right Lower Limb:**

CFA: Patent but with mild calcified disease noted, triphasic waveforms, PSV 2.15m/s.

PFA: Patent at origin with biphasic waveforms, PSV 1.91m/s.

Proximal Anastomosis: Appears patent but dilated, measuring **11.5mm in maximum diameter** - no significant change in dimensions since previous assessment.

Proximal graft: Patent with triphasic waveforms, PSV 0.87m/s.

PTA: Patent at the ankle with triphasic waveforms, PSV 0.77m/s.

ATA: Patent at the ankle with biphasic waveforms, PSV 0.71m/s.

PERA: Patent at the ankle with biphasic waveforms, PSV 0.47m/s.

Resting brachial pressures are noted to be reduced bilaterally: 75mmHg (right arm - triphasic waveforms) and 80mmHg (left arm - monophasic waveforms).

Therefore, resting ABPI was falsely elevated (2.1).

**Summary: No change in proximal anastomosis size since previous assessment.**

Further follow up July 2022.

Reporter: Miss Heulwen Gilbert