

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

ARTERIAL GRAFT SURVEILLANCE

Name:	Date of Test:	13/08/2021 03:47:11
Hospital Number:	Test Number:	3185815
Date of Birth:	Technician:	HEUGIL
Ordering Doctor: Mr K Abayasekara	Dept/Ward:	Derby OPD

**Symptoms and Surgical Procedures**

EVAR 2017. Fem-pop bypass 2015

**Doppler Pressures**

**At Rest**

Brachial 137 mmHg  
Right DP 162 mmHg Left DP 121 mmHg  
Right PT 156 mmHg Left PT 110 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:**

Not diabetic. Ex-smoker. No claudication symptoms or rest pain.  
Medications: Clopidogrel, statins, aspirin and lansoprazole.

*EVAR graft appears patent throughout with triphasic waveforms.*

**Right Lower limb**

*\*Patient noted to have irregular heart rate.*

CFA: Patent with mild mixed atheroma seen throughout, slightly turbulent triphasic waveforms, PSV 1.34m/s. Distal vessel appears slightly dilated (measures 1.6cm in diameter LS).

PFA: Patent proximally.

**Graft**

Proximal Anastomosis (distal CFA): Patent with triphasic waveforms, PSV 0.62m/s.

Graft Body: Patent along length with triphasic waveforms, PSV's proximal: 0.60m/s, mid: 0.61m/s and distal: 0.47m/s.

Distal Anastomosis (distal SFA): Appears slightly dilated but it patent with triphasic waveforms, PSV 0.47m/s.

POPA: Patent throughout with no significant arterial disease, triphasic waveforms, PSV 0.31m/s (proximal) and 0.76m/s (distal).

TPT: Patent with biphasic waveforms, PSV 0.34m/s.

PTA: Patent at the ankle with triphasic waveforms, PSV 0.80m/s.

ATA: Patent at the ankle with triphasic waveforms, PSV 0.81m/s.

PEROA: Patent at the ankle with biphasic waveforms, PSV 0.45m/s.

**ABPI**

Right resting ABPI is within normal limits at 1.2.

Left resting ABPI is slightly reduced at 0.80.

**Summary: Graft is patent with triphasic waveforms. Right ABPI is normal.**

No further surveillance planned.

Reporter: Miss Heulwen Gilbert