

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

VARICOSE VEIN INVESTIGATION

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Name:	Date of Test:	16/08/2021 08:34:14
Hospital Number:	Test Number:	3186425
Date of Birth:	Technician:	HEUGIL
Ordering Doctor:	Mr A Hassouna	Dept/Ward: Derby OPD

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**Symptoms and Surgical Procedures**

**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

**Right lower limb**

The CFV is patent and competent. The proximal SFV-proximal POPV is patent but **incompetent**. The distal POPV is competent.

The SFJ is competent. Isolated incompetence noted in the proximal thigh LSV. The mid thigh LSV to distal calf LSV is patent and competent.

The SPJ is incompetent and is located 3cm proximally to the knee crease. There is a competent Giacomini. The SSV is incompetent in the proximal and mid calf. VV noted arising from the SSV in the mid calf, this tracks down the posterior calf. The SSV distal to this is competent.

No obvious incompetent perforators noted.

**Left lower limb**

The deep venous system is patent and competent from CFV-POPV.

Neovascularisation is noted in the groin, this appears to reform the SFJ which is highly tortuous and incompetent. The LSV is incompetent throughout its length and measures the following in diameter: proximal thigh: 4.2mm, mid thigh: 5.6mm, distal thigh: 6.2mm, proximal calf: 5.9mm. The LSV is straight throughout this section, contains no superficial thrombophlebitis and would be suitable for endovenous ablation. A VV arises from the LSV in the distal thigh, and this courses medially through the calf.

The SPJ is competent. Competent posterior thigh vein. The SSV is competent throughout its length.

No obvious incompetent perforators noted.

Reporter: Miss Heulwen Gilbert