

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

VARICOSE VEIN INVESTIGATION

Name:		Date of Test:	17/08/2021 08:29:15
Hospital Number:		Test Number:	3188102
Date of Birth:		Technician:	HEUGIL
Ordering Doctor:	Mr J Quarmby	Dept/Ward:	Derby OPD

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 PFV is patent but **incompetent**. The SFV is patent and competent along its length. The proximal POPV is patent but **incompetent**. The distal POPV is patent and competent.

The SFJ is competent. The LSV is competent throughout the thigh and proximal calf. The LSV becomes incompetent in the mid calf after communication with SSV VV. However, the LSV is competent at the ankle.

The SPJ is incompetent and is located 2cm proximally to the knee crease. The SSV is incompetent in the proximal calf where it measures 7.4mm in diameter. VV arises from the SSV in the mid calf, this tracks over the posterior and medial calf, communicating with the LSV in the mid calf. The SSV is linear throughout and contains no superficial thrombophlebitis.

There is large VV-gastrocnemius perforator (measuring 5.0mm diameter) in the proximal calf, unable to demonstrate incompetence.

Left lower limb

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

The SFJ is incompetent. The LSV is incompetent throughout the thigh and proximal calf where it measures the following in diameter: proximal thigh: 6.4mm, mid thigh: 5.6mm, distal thigh: 5.7mm, proximal calf: 5.7mm. 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 proximal calf, and this courses medially through the calf. The LSV distal to this is competent until the VV re-communicates with the LSV at the ankle.

The SPJ is competent. The SSV is competent throughout its length.

Reporter: Miss Heulwen Gilbert