

Your Venous Duplex Scan Explained

Vascular Laboratory

About your scan

First thing first... this type of scan is a totally painless procedure and involves no needles or other invasive devices.

Similar to a baby scan, ultrasound is used to produce on screen images, which show the blood flow within your veins and arteries.

The scan may be performed by either male or female sonographer, depending on who is on duty. If you have concerns about being scanned by a person of the opposite sex please contact the department and we will discuss the booking. Tel. No: 01633 – 238287.

What to expect

For this type of scan the technologist will need to access your leg(s) from your groin to your lower calf. You will be asked to remove your trousers/skirt and tights etc.

You will be asked to lie down on the angled bed and the technologist will carefully move your leg to the necessary position. After applying some cool gel to the inside of your leg, the technologist will put the probe on the surface of the skin and scan the required area. You may feel some gently pressure whilst they do this.

During the scan you may also hear some strange noises which are perfectly normal and should be not be a cause for concern.

During the scan you may be asked to perform a Valsalva manoeuvre. This is a simple test and involves taking a deep breath in, bearing down for a second and then releasing the breath. You may also feel the technologist squeezing your calf to encourage blood flow in your veins.

How you can prepare

No specific preparation is necessary for this type of examination.

After the scan

Once the scan is finished the technologist will write a report to send to your consultant telling them of the results of the examination. If the consultant wishes to see you again, they will contact you.

Patient Transport

If you arrive for your appointment by patient transport please inform the technologist so that they can notify transport when your examination has finished.

**“This document is available in Welsh /
Mae’r ddogfen hon ar gael yn Gymraeg”.**