

Vascular Studies Unit

The Vascular Studies Unit is an essential part of the Vascular Surgery team. The team perform non-invasive ultrasound investigations to diagnose and monitor diseases of the arteries and the veins.

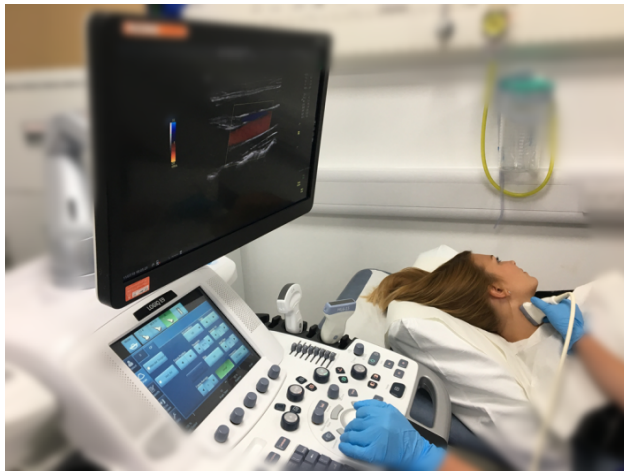
The department consists of 4 scanning rooms and separate inpatient and outpatient waiting areas

We perform the following investigations on inpatients, outpatients, and in consultant and nurse led one-stop clinics.

Arterial Investigations

These investigations are requested to diagnose and monitor arterial disease. The arteries carry blood away from the heart to supply the extremities.

- Ankle brachial pressure indices (ABPIs)



- Lower limb arterial treadmill test
- Toe Pressures
- Carotid duplex scan
- Lower limb arterial duplex scan
- Peripheral bypass graft surveillance
- Abdominal aortic aneurysm (AAA) scan
- Endovascular aneurysm repair (EVAR) surveillance

- Upper limb arterial duplex scan
- Thoracic outlet investigation
- Cold intolerance test (Raynaud's)

Venous Investigations

These investigations are requested to diagnose and monitor venous disease. The veins carry blood from the extremities back to the heart and they have valves to help control flow in the right direction. If the veins are not working properly, the ultrasound scan can map out the problem veins enabling the consultant to plan your treatment.

- Lower limb venous insufficiency duplex scan

Other

- Vein mapping for arterial bypass surgery
- Haemodialysis access fistula (HAF) surveillance
- Pathway into the Vascular Studies Unit