

BSET Fellow – St Mary’s Hospital, Imperial College Healthcare NHS Trust Vascular Unit

Site

Imperial College Healthcare NHS Trust incorporates three main sites – the Hammersmith, Charing Cross and St Mary’s hospitals. The inpatient vascular unit is based on the St Mary’s site alongside the busy London trauma unit.

Imperial Vascular unit attracts tertiary referrals for complex aortic disease from all over the UK – greater than 60% of the aortic cases are above the renal arteries. Fenestrated and branch thoracoabdominal stenting, branched arch, iliac branch procedures are undertaken with a wide variety of stent grafts (Cook, Vascutek, Bolton Medical, Artivion). In addition to this, there are a large number of infra-inguinal cases, carotid stenting, vascular malformations and interventional treatment of DVT and deep venous reconstructions. In addition, close links with Northwick Park allow trainees to move between sites and train with vascular surgeons and interventional radiologists at this site where a high volume of lower limb work is undertaken.

Imperial College Healthcare NHS Trust has strong academic links with Imperial College and there are significant opportunities for clinical research studies to be undertaken as part of the fellowship.

New interventional devices are often piloted at the unit which boasts a number of recent firsts such as the first use of robotic vascular interventional treatment, UK Gore branched graft implants and the first UK Bolton Medical arch branch implant

Consultant Vascular Surgeons:

Colin Bicknell, Alun Davies, Richard Gibbs, Usman Jaffer, Michael Jenkins, Firas Mussa, David Nott, Celia Riga, Joseph Shalhoub

Consultant Vascular Radiologists:

Ondina Bernstein, Nick Burfitt, Mo Hamady, Erika Kashef, Robert Thomas

The Consultant staff is supported by Clinical Fellows, Vascular SPRs, CTs and Foundation trainees providing a dedicated multi-tier vascular surgical and interventional on call rota. There is a dedicated vascular ward, two vascular theatres (one hybrid), three angiography suites and non-invasive vascular imaging at St Mary’s, Charing Cross and Hammersmith sites.

Training opportunities

There is a weekly MDT and monthly M&M meetings during which all referred cases are reviewed and discussed. Non-invasive vascular imaging takes place on a daily basis on all three sites. There are two interventional lists and two surgical lists on most days with endovenous ablation lists four times per week.

In the last three years over 200 aortic cases have been undertaken and over 500 peripheral cases.

There is also a deep venous interventional programme for the emergency and elective treatment of deep venous thrombosis and chronic deep venous obstruction. A weekly diabetic foot ward round and diabetic foot clinics are aligned with a dedicated lower limb interventional list.

There is a close relationship with the Major Trauma Centre which sees an average of 50 trauma calls per week. A number of the surgeons and interventional radiologists work in both vascular and trauma which affords the opportunity for exposure to interventional techniques for haemorrhage control and reperfusion.

It would be expected that the BSET fellow takes part in MDT and M&M meetings, case planning sessions, daily endovascular and interventional lists with opportunities for exposure to venous work depending on interests and experience. It is envisaged that this post would be supernumerary, but inclusion in the vascular on call rota would be possible if desired.