

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

Imperial College Healthcare NHS Trust incorporates three main hospital sites at Hammersmith, Charing Cross and St Mary’s hospitals. The inpatient vascular unit is based on the St Mary’s site where there has long been a tradition of arterial surgery. Imperial College Healthcare NHS Trust was the first appointed AHSC (Academic health science centre) and continues to have strong academic links with Imperial College.

Imperial Vascular unit attracts tertiary referrals for complex aortic disease from all over the UK and performed over 160 aortic cases last year. This includes FEVAR (Cook and Vascutek), branched arch and visceral cases, iliac branch procedures and a variety of custom procedures. A wide range of aortic stent grafts is in regular use – Gore, Bolton Medical, Medtronic, Vascutek and Cook. 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.

New interventional devices are often piloted at the unit which boasts a number of recent firsts:

Hansen Magellan robot – first robotic vascular interventional treatment Iliac branch device – first UK Gore implant

Arch branch device – first UK Bolton Medical implant

**Consultant Vascular Surgeons:**

Chris Aylwin

Colin Bicknell

Alun Davies

Richard Gibbs

Usman Jaffer

Michael Jenkins

David Nott

Joseph Shalloub

Nigel Standfield

**Consultant Vascular Radiologists:**

Ondina Bernstein

Nick Burfitt

Mo Hamady

Elika 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, 5 bedded vascular HDU, two vascular theatres, three angiography suites and non-invasive vascular imaging at St Mary's, Charing Cross and Hammersmith sites. A new hybrid operating suite is currently in construction.

### 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 year the following cases were performed:

Aortic >160 (80 thoracic/thoraco-abdominal) Peripheral IR >200  
Venous > 850

There is also a deep venous interventional programme for the emergency and elective treatment of deep venous thrombosis. 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.