

BSET Fellowship training centre application

a) Name of Institution;

Academic Vascular Surgical Unit, Hull & East Yorkshire NHS Trust

b) Applicants;

Vascular Surgeon – Professor Ian Chetter, Professor of Surgery, Hull York Medical School / University of Hull

Interventional Radiologist – Dr Raghuram Lakshminarayan, Consultant Interventional Radiologist, Hull and East Yorks NHS trust

Corresponding applicant – Professor Ian Chetter, Old Doctors Residence, Hull Royal Infirmary, Anlaby Road, Hull. HU3 2JZ. Tel 07952 274595

c) Statement of collaboration between interventional radiology and vascular departments; for 20 years there has been close collaboration between surgeons and radiologist at Hull & East Yorks NHS trusts with combined operating (EVAR) and interventional sessions; combined out patient clinics with joint patient care; surgical and radiology trainees have the opportunity for operative, interventional, colour duplex, cross sectional imaging. We have a weekly combined MDT meeting and Surgical and Radiological representation in specialty areas (diabetic foot, vascular access. We have joint postgraduate educational sessions, audit meetings, morbidity and mortality meetings and research meetings. Several research fellows are co supervised by a surgeon and an interventional radiologist. We collaborate in the development and provision of the undergraduate curriculum to all phases of the Hull York Medical School students. We are participating in the HTA funded IMPROVE trial

d) Record of training in endovascular surgery; all surgical trainees have the opportunity to attend sessions in the cath lab, vascular lab, CT & MRI units where surgeons & interventional radiologists contribute to their training. We have a track record in trainees achieving distinction in Postgraduate certificate in Medical ultrasound from the University of Leeds (6 in 4 years) and trainees have access to ultrasound lists and minimally invasive endovenous lists. We supported one of the original NHS post CCT fellowships in 2009 with the successful candidate completing 200 angiograms / angioplasties, 15 EVARS, 20 iliac stents and 20 lysis procedures (arteriovenous fistulae & lower limb acute ischaemia.

e) Number of index endovascular procedures undertaken in 2014

- iliac PTA = 250

- infra-inguinal PTA = 350

- endovascular repair of infra-renal aneurysms = 50

- endovascular repair of aortic lesions requiring fenestrated or branched grafts = 5-10

- endovascular repair of thoracic aorta – 15

f) Statement of endovascular training to be offered at the institution;

At the completion of the fellowship the trainee will be trained according to ISCP guidelines in the following areas;

- a) Arteriovenous ultrasound – this will involve the completion of a Postgraduate certificated in Medical Ultrasound. This is an essential skill to facilitate safe arterial & venous cannulation especially during difficult cases.
- b) Minimally invasive management of Varicose veins; currently there are 2 day case lists / week for endovenous laser, radiofrequency ablation and foam sclerotherapy. The trainee will also be advised to experience the one stop venous clinic
- c) Safe lower limb femoral and upper limb brachial arterial puncture
- d) Contrast intra arterial and intravenous imaging
- e) Angioplasty & stenting
- f) EVAR planning (RCS course)
- g) Magnetic resonance angiogram image acquisition and interpretation
- h) Infra renal EVAR and some experience of fenestrated / branched EVAR and TEVAR

g) Schematic timetable for Fellowship

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Postgrad education meeting Grand round	Ultrasound training	Angio suite	Angio suite	Operating theatre
PM	Admin	CT / MR session	Outpatient clinic	Endovenous training	Multidisciplinary meeting Grand round