

## Application for Training Centre

### British Society of Endovascular Therapy – Fellowships 2012-2013

Institution: Cambridge Vascular Unit

Correspondence: Mr J R Boyle, Cambridge Vascular Unit, Box 201, Addenbrookes Hospital, Cambridge, CB2 2QQ.

Applicants: Mr J R Boyle, Mr KVarty, Mr PD Hayes, Mr PA Coughlin, Dr C Cousins.

**Co-applicants:** Dr F Miller, Peterborough City Hospital, Dr V Shenoy, West Suffolk Hospital.

#### Statement of Collaboration.

The Cambridge Vascular Unit was recently highlighted by the VSGBI as the busiest unit in terms of index vascular procedures within the UK with the best outcomes. The unit comprises 5 Vascular Surgeons and 4 Interventional Radiologists. There is close collaboration between these specialists. Furthermore the well established links to local DGHs allows dedicated interventional training without any competition from other trainees. All EVARs are performed in Theatre and trainee led.

#### Record of Training In Endovascular Surgery.

Cambridge Vascular Unit is a well established network serving a 1.2 million population and the tertiary referral centre for 5.5 million in East Anglia. In 2010 Addenbrookes had the biggest infra-renal aortic aneurysm practice in the UK. It also has become one of the leading UK centres for emergency EVAR with a large contemporary experience and a significant contributor to the IMPROVE Study.

**We have previously hosted a RCS Post CCT Fellow in Vascular Surgery.**

#### Index Endovascular Procedures.

**Figures for 2010 unless stated**

AAA repairs emergency)	<b>138</b>	109 EVAR (8 emergency)	29 Open (14
Thoracic Stents	<b>24</b>	(2006-7, 13 emergency, 11 elective)	
Carotid Endarterectomy	<b>104</b>	71 Symptomatic	33 asymptomatic
Carotid Stenting	<b>4</b>		
Fem pop/tibial bypass	<b>51</b>		
Diagnostic Angiography (DSA)	<b>400</b>	<b>(Addenbrookes &amp; WSH) NB not incl PCH</b>	
CT/MR Angiography	<b>250</b>		
Lower limb Angioplasty	<b>320</b>	(including subintimal)	
iliac/SFA/pop stents	<b>25</b>		
Renal / Visceral stents	<b>18</b>		

**Endovascular Programme for BSET Fellow.**

**Training Opportunities.**

1. 4 all day vascular operating lists per week. (open and endovascular procedures)
2. Interventional training lists WSH and PDH, 7 per week. No other Trainees.
3. MRA & interventional list West Suffolk, 2 sessions, approved by WSH radiology for this post.
4. Vascular Laboratory (2 full time sonographers, 1500 scans per year plus physiology)
5. Vascular Out patient clinics 4 per week
6. Combined Diabetic foot, leg ulcer and TIA clinics (multidisciplinary)
7. MDT radiology meetings (AAA, TAA, Carotid, peripheral)
8. Foam Sclerotherapy clinic twice monthly
9. Endovenous Lists (VNUS) 2 per week
10. Consultant Ward rounds 4 per week on Vascular Ward.
11. Weekly research / journal club meetings.
12. Active clinical research programme.

**Proposal for BSET Fellowship.**

Proposed Timetable.

	AM	PM
MONDAY	Theatre Mr Varty (EVAR) or OPD Mr Boyle	Theatre Mr Varty (EVAR) or Vascular Laboratory
TUESDAY	MRA CT WSH* AAA MDT Addenbrookes	VNUS List Addenbrookes
WEDNESDAY	Angio Suite WSH or PCH <sup>#</sup> Theatre Mr Boyle (EVAR)	Theatre Mr Boyle (EVAR) Foam Sclerotherapy Clinic Addenbrookes or Angio Suite PCH <sup>#</sup> or WSH*
THURSDAY	Research/Audit/ Admin Carotid MDT meeting or VNUS list Addenbrookes or Angio List PCH <sup>#</sup>	TIA Clinic (Duplex) alt wks. Theatre Mr Hayes (EVAR) Angio Suite WSH Week 4 with JB. or Angio List PCH <sup>#</sup>
FRIDAY	Vascular Laboratory or Theatre Mr Gaunt (EVAR)	Research / Audit or Angio List PCH <sup>#</sup>

\* = West Suffolk Hospital. Peterborough City Hospital<sup>#</sup>

Theatre lists with EVAR depend on availability and rota commitments of the 2 Firm SpR's. Alternative training opportunities exist as shown.

TIA clinic would be with the sonographers for carotid scanning.

#### On Call Vascular.

There are important training opportunities to gain from emergency vascular cases. The BSET fellow may choose to contribute to the on call rota from home on a 1 in 6 to cover vascular and endovascular emergencies (AAA, TAA stenting, lysis, angiography). The Trust has approved funding for this element of the post.

#### Job Description

This BSET fellowship offers training opportunities in radiological intervention and imaging for vascular disease. This will add to the operative, ward and clinic competencies already acquired during surgical training. In addition to clinical training the post holder will be expected to initiate a new clinical research project and contribute to existing research programmes. Currently there is a large carotid plaque imaging research project, EVAR for RAAAs and renal function in EVAR research, and assessment and intervention for diabetic PAD research.

Training will be supervised by Mr J R Boyle, Consultant Vascular Surgeon. The trainee will be exposed to cross sectional imaging with CT and MRI, duplex ultrasound, and angiography suite catheter and wire skills training. Three monthly appraisals will assess progress against the desired competencies identified within a learning agreement and tailored to the specific trainee's needs.