Job Description

CLINICAL FELLOW IN VASCULAR AND ENDOVASCULAR SURGERY

SURGERY HEALTH GROUP

Grade:  
Clinical Fellow, Middle Grade

Location:  
Hull Royal Infirmary

Hours Per week:  
Full Time

INTRODUCTION

1.1 An exciting opportunity has arisen to work within a high volume, high quality Vascular service. We are looking to appoint clinical fellows in Vascular and Endovascular Surgery. This post will work alongside existing senior trainees and fellows and offers excellent experience working with ten surgeons and seven vascular interventional radiologists. The department enjoys an amicable and productive working relationship between surgical and endovascular consultants and has a very strong track history in education, training and research.

1.2 Hull University Teaching Hospitals NHS Trust (HUTH Trust) is situated in the geographical area of Kingston upon Hull and the East Riding of Yorkshire. The Hull University Teaching Hospitals NHS Trust has two main hospital sites (Hull Royal Infirmary and Castle Hill Hospital) an annual budget of circa £500 million, employs over 9,000 staff and serves an extended
population of 1.2 million, whilst delivering a number of outpatient services from locations across the local health economy area.

The Trust’s secondary care service portfolio is comprehensive, covering the major medical and surgical specialties, routine and specialist diagnostic services and other clinical support services. These services are provided primarily to a catchment population of approximately 600,000 in the Hull and East Riding of Yorkshire area.

The Trust provides specialist and tertiary services to a catchment population of between 1.05 million and 1.25 million extending from Scarborough in North Yorkshire to Grimsby and Scunthorpe in North East and North Lincolnshire respectively. The only major services not provided locally are transplant surgery, major burns and some specialist paediatric services.

Our vision is ‘Great Staff, Great Care, Great Future’, as we believe that by developing an innovative, skilled and caring workforce, we can deliver great care to our patients and a great future for our employees, our Trust and our community.

We have developed a set of organisational values - ‘Care, Honesty, Accountability’ – in conjunction with our staff and these form the basis of a Staff Charter which sets out the behaviours which staff expect from each other and what staff can expect from the Trust in return. The values are reflected in our organisational goals for 2016-2021.

1.3 Hull York Medical School – Founded in 2003

Hull York Medical School is a partnership between the Universities of Hull and York and the NHS in North and East Yorkshire, and Northern Lincolnshire. The school performs well in league tables in recognition of its excellent undergraduate medical curriculum and research, judged to be of high international quality.

The first doctors to complete the HYMS MB BS programme graduated in 2008. With a distinctive and innovative approach to training doctors for the health services of the 21st century, HYMS aims to influence positively the recruitment and retention of doctors in the region and the quality of local health services.

HYMS offers a five year programme using contemporary learning and assessment methods in an integrated structure to some 140 students each year. The programme features a modern learning environment and high quality clinical attachment opportunities. There is a strong focus on learning in community settings, including primary care, and on working collaboratively with other health professionals.

1.4 Postgraduate Education

Since 2009, HYMS has offered postgraduate taught and research programmes. Its postgraduate research student population has grown rapidly, with around 90 MD, PhD and MSc by Thesis students registered for HYMS degrees, in addition to the research students based in HYMS Centres following University of York research programmes. HYMS currently offers three postgraduate taught programmes – a postgraduate Certificate in Medical Education, an MSc in Human Evolution, based in the Centre for Anatomical and Human
Sciences, as well as a Master in Public Health in conjunction with the Health Sciences department of the University of York. Further programmes in medical education are currently being developed.

2. **DEPARTMENT OF VASCULAR SURGERY**

2.1 The service is currently establishing a service redevelopment plan, with a view to significant expansion of staff and facilities to meet the growing needs of our population.

2.2 The department offers a full Vascular and Endovascular Service 24 hours per day. The scope of practice includes all aspects of Vascular and Endovascular, including level 4 work and has been designated as a Vascular centre from 2012. In addition the department works collaboratively with its neighbouring centre in York to provide care for patients with complex aortic aneurysms and arteriovenous malformations. There is also a comprehensive and high volume renal access practice in place. Sub-specialisation in an area of interest will be supported where professionally and clinically appropriate.

2.3 The Department of Vascular Surgery is a Trust-wide service based at Hull Royal Infirmary. The Department has a 30 bedded inpatient ward with rehabilitation facilities. There is a dedicated open surgical theatre with planned emergency session in a second theatre and emergency availability in a further two to three theatres when required. The service currently has 15 inpatient surgical operating sessions and 5 day surgery sessions supported by daily outpatient clinics and minor surgical outpatient facilities. There is a three room interventional radiology suite, including one hybrid suite and there are plans for a further hybrid suite in Vascular Surgical theatres. The department has a vascular laboratory offering duplex ultrasound and exercise physiology including CPEX with access to treadmill, conventional and hand bikes.

2.4 There are specialist clinics in renal access surgery, diabetic foot disease and minimally invasive venous surgery. The department has spoke clinics in Beverley, Driffield, Grimsby, Pocklington and Scunthorpe. There are weekly general vascular MDT meetings and a weekly specialist aortic intervention MDT meeting.

2.5 There is access to rehabilitation beds at Castle Hill hospital with an excellent working relationship with the rehabilitation physiotherapists for ongoing care of amputees.

2.6 The East Yorkshire and Humber AAA Screening programme, part of the National Aortic Aneurysm Screening Programme, is based at Hull Royal Infirmary and has been in operation since January 2011. The programme provides screening for all men in their 65th year from the Humberside, East Yorkshire, North & North East Lincolnshire areas. From April 2012 the screening population was extended to incorporate the North Yorkshire, York and Selby localities.
2.7 The Academic Vascular Surgical Unit is an active research and teaching department integrally involved with the Hull York Medical School at all year levels. The research capability is undergoing expansion with investment in two Senior Lecturers and the development of new research programmes and collaborations. There are a wide range of trials active at any one time and a successful candidate would be expected to support successful recruitment to research programmes. There are at present six research fellows, two lecturers, two senior lecturers and a Professor. Support staff include research nurses and admin, with a trial manager and support from the Hull Trials Unit and Trust Research and Development in addition. The department head is Professor Chetter who is also Chair of Surgery for HYMS.

3. **GOVERNANCE**

There is an active clinical governance system with a designated lead and also a separate multidisciplinary Morbidity and Mortality system with its own lead. The department has a regular system of audit and has independent data entry staff to ensure full and independent compliance with National Vascular Registry data entry.

4. **EXISTING CLINICAL STAFFING** – prior to planned expansion

10 Consultant Vascular Surgeons

- Mr Bankole Akomolafe – Consultant Vascular Surgeon
- Mr Daniel Carradice – Senior Lecturer and Honorary Consultant Vascular and Endovascular Surgeon – Clinical Lead
- Professor Ian Chetter – Chair of Surgery and Honorary Consultant Vascular Surgeon
- Mr Brian Johnson – Consultant Vascular Surgeon
- Mr Rakesh Kapur – Consultant Vascular Surgeon
- Mr Robert Lonsdale – Consultant Vascular Surgeon
- Mr Anthony Mekako – Consultant Vascular Surgeon
- Mr Paul Renwick – Consultant Vascular Surgeon and Head of the School of Surgery
- Mr George Smith – Senior Lecturer and Honorary Consultant Vascular Surgeon

7 Consultant Interventional Radiologists

- Professor Duncan Ettles
- Dr Raghuram Lakshminarayan
- Dr Lynn Ling
- Dr Graham Robinson
- Dr Saira Sayeed
- Dr Paul Scott
- Dr Vivek Srivastava

3 Specialist Registrars
2 Senior Fellows
1 Academic Clinical Fellow
1 CT1
4/5 F1 Doctors
3 Vascular Nurse Specialists

5. GOVERNANCE
There is an active clinical governance system with a designated lead and also a separate multidisciplinary Morbidity and Mortality system with its own lead. The department has a regular system of audit and has independent data entry staff to ensure full and independent compliance with National Vascular Registry data entry.

6. JOB PLAN

6.1 The job plan will be designed to suit the interests and training needs of the individual and also the requirements of the service; and broadly reflect the opportunities available to the higher surgical trainees within the department. The sessions will include inpatient theatres (planned and acute), daycase theatre, outpatient clinics, ultrasound lists, radiology lists and planning sessions, MDT, Clinical governance and morbidity and mortality review.

6.2 There is a dedicated emergency team covering all emergency and urgent cases and providing wraparound inpatient care. Fellows and higher surgical trainees will provide a 1 in 6 non-resident on call out of hours rota and a 1 in 6 registrar of the week will support the consultant and surgeon of the week in their duties.

6.3 Fellows will be responsible for the completion of the administration relating to their clinical duties, teaching and support of trainee doctors and non medical trainees and Medical Audit.

6.4 Fellows will work under the supervision and support of a consultant at all times and will be allocated an educational and clinical supervisor as with higher surgical trainees.

6.5 All fellows may be required to work on any of the Trust's sites and across the seven day period where necessary.

7. THE HOSPITALS
7.1 The Trust comprises of two main hospital sites and operates Outpatient Clinics from various peripheral sites.

7.2 Hull Royal Infirmary (709 beds)
This hospital is the major Acute hospital in East Yorkshire and serves a population in excess of 600,000. It has the only Accident and Emergency department and the following specialities:-
Acute Admissions Unit - The Acute Admissions Unit is situated adjacent to the A & E Department. The Unit has promoted greater integration of the General Medical teams with the Department of Medicine for the Elderly, allowing medical and nursing staff to cope better with the growing pressures on emergency admissions. Close working relationships are established between the Admissions Unit and the Emergency Department. A recent addition has been the Ambulatory Care Unit supporting admission avoidance and further plans are for a Frailty model of care.

A 22 bedded Critical Care Unit is in close proximity to the 9 main Operating Theatre complex.

Women's and Children’s Hospital - This development opened in March, 2003 and provides maternity wards and clinics, an antenatal day unit, a delivery suite, a neonatal unit with special and intensive care, theatres, an early pregnancy assessment unit, 22 gynaecology beds, a gynaecology day surgery unit, gynaecology day care and outpatients' department, a sub-fertility unit, an ultrasound department, and a children's outpatient department.

Eye Hospital – The Hull and East Yorkshire Eye Hospital was completed in October, 2002, and provides three operating theatres, a pre-assessment suite, a twelve bed inpatient ward, administrative space and a seminar room.

Phase two was completed in April 2011 and provides sufficient out-patient space for Paediatric and adult outpatient clinics, along with supporting facilities such as Orthoptics and optometry facilities, Lucentis treatment areas and paediatric outpatients.

Phase three, completed January 2017 has seen the expansion of the service onto the first floor of the current building, providing much needed additional outpatient facilities and admin accommodation.
7.7 **Castle Hill Hospital and Queens Oncology Centre (645 beds)**  
The hospital is one of the two major hospitals in Hull & East Yorkshire. Clinical Services currently on site include:

- Adult Cystic Fibrosis
- Cardiology
- Cardio-Thoracic Surgery
- Clinical Haematology
- Dermatology
- ENT and Head and Neck Surgery
- General Surgery, colorectal and breast
- Infectious Diseases
- Breast Screening Service
- Orthopaedics (Elective)
- PET Scan
- Plastic Surgery
- Queen’s Centre for Oncology and Haematology
- Rehabilitation
- Thoracic Medicine
- Urology Service

7.8 A 20 bedded Critical Care Unit is located in the new Cardiac building.

7.9 The Academic Medical Unit led by Professor Alyn Morice and the Academic Surgical Unit are based at this hospital.

7.10 **East Riding Community Hospital**  
Outpatients and minor injuries only. This is a community hospital which currently houses a GP unit, minor injuries and outpatient departments. The X-Ray Department has one general purpose room. Plans are at a developed stage for a new hospital which is to be built on this site.

8. **PERFORMANCE RATING**  
The Trust was rated as good for safe and effective acute services. The Trust overall rating is requires improvement in the Care Quality Commission Quality Report.

The Trust has and continues to take positive steps to address the concerns raised.

9. **MEDICAL EDUCATION CENTRE / HULL INSTITUTE OF LEARNING AND SIMULATION / SUTURE CENTRE / LIBRARY AND KNOWLEDGE SERVICES**

9.1 Medical Education at Hull University Teaching Hospitals NHS Trust comprises of the Medical Education Centre (MEC) and the Lecture Theatre at Castle Hill Hospital. The department is accessed by all health care professionals and offers a broad range of training and support. The facilities are easily accessible for both internal staff and external visitors due to its ideal location on the Hull Royal Infirmary site. The Medical Education Centre at HRI provides a
modern, flexible arena in which professionals can train in a supportive environment. The Centre contains a 190 seat auditorium and three large seminar rooms which are fully equipped with up to date audio visual presentation equipment and dual projection facilities. The Lecture Theatre at Castle Hill Hospital comprises of a 70 seat lecture theatre with modern audio-visual equipment.

9.2 The Hull Institute of Learning and Simulation (HILS) is able to offer practical skills rooms including ward areas, operating theatre and simulation suites. Each room has been built with a high level of flexibility and all can be customised to the user’s needs. HILS has fast become an established and highly reputable centre of excellence in Clinical Skills training for all healthcare professionals locally, regionally and nationally with state of the art simulation facilities and an active in-stu simulation programme.

9.3 In addition, the recently opened Suture Centre based at Suite 22 at Castle Hill Hospital is an ideal training venue for all wet lab and surgical skills training. This facility comprises of 10 surgical stations all with wall mounted monitors, large presentation screen plus a preparation area and procedural simulation room with 24/7 swipe card access.

9.4 Library and Knowledge Services provide a highly rated service, with access to over 10,000 texts both online and physically. The refurbished libraries are accessible 24/7 with a swipe card and PCs are available to access online resources. The growing Current Awareness Service delivers monthly updates in a variety of specialties, while experienced staff are on hand to source research and to guide users to the evidence they need. With a 96% score from the latest quality assurance assessment the Library and Knowledge Service team is there to support students and staff at all levels of their career.

9.5 Miss Helen Cattermole is the Director of Medical Education for the Trust and is responsible for the education of medical staff and the running of the Medical Education Centre and the Clinical Skills Facility. Dr Makani Purva is Chief Medical Officer. Dr Dave Wright is the Director of Simulation for the Hull Institute of Learning and Simulation.

9.6 There is a commitment within the Trust for Locum staff to participate in continuing professional development.

10. APPRAISAL/CONTINUOUS PROFESSIONAL DEVELOPMENT
The Trust is committed to supporting the requirements for continuing education and professional development is laid down by the Royal Colleges. A personal development review will be undertaken by the Clinical Area Lead annually and objectives agreed. Appraisal is carried out according to GMC guidance in preparation for revalidation.

11. OTHER MEDICAL INFORMATION
Local professional bodies include the Joint Hospitals Medical Staff Committee whose membership comprises of all consultant staff and top-grade scientists; the Hull Medical Society and a branch of the British Medical Association.
12. **RESEARCH AND DEVELOPMENT**
There is a Research and Development Facilitator who promotes and facilitates NHS research in the area.

13. **LOCATION**
13.1 A thriving and dynamic waterfront city with a proud maritime heritage, Hull has a wide variety of museums and galleries, live music venues, an impressive harbour aquarium, good cycle paths, lots of green space and a number of award-winning restaurants.

Originally built on whaling, fishing and shipping, modern Hull’s economy is sustained by its busy cargo and ferry port, the University and a variety of industries, including healthcare, digital enterprises and the arts. The new Siemens’ wind turbine factory at Green Port Hull is a further recent boost to the local economy. Hull is one of the country’s main ports offering easy access to the rest of the European Community.

The Humber Bridge links the North and South Banks of the Humber, which have a combined population of some 900,000 people.

13.2 Recently Hull was the UK City of Culture and the city continues to host to a programme of world-class arts and culture as a legacy of this fantastic year. For further information relating to Hull City of Culture visit [http://www.hullcc.gov.uk/2017hull](http://www.hullcc.gov.uk/2017hull)

In 2017 the University celebrated 90 years since its founding as ‘University College Hull’.

The East Riding of Yorkshire and Hull offer a diverse and impressive range of housing choices, all offering good value for money.

Both the City of Hull and the nearby market town of Beverley are ancient Boroughs of considerable interest. Hull was very much rebuilt after heavy bombing in World War II and is, therefore, a modern as well as an historic City. There is an attractive Yacht Marina and an international ice rink and there is a good choice of theatre and concert programmes, at both the New Theatre and Spring Street Theatre within the city centre.

Several new projects have been completed in the City to ensure that Hull is recognised as one of the UK’s Top 10 cities. These include the refurbishment of the City’s streets and roads, The Deep, (a Marine Science and Visitor Centre), a £43 million Football and Rugby Stadium and the St Stephen’s Shopping Mall.

Beverley has a beautiful medieval Minster, fine Georgian and other period houses and cobbled market square. The restored Dominican Friary, dating from the 14th Century, and nearby racecourse are notable attractions.

13.3 Housing locally is generally cheaper than in most other parts of the country. There are many villages with good housing/facilities surrounding Hull and within the required travelling time.
City living has burgeoned, with apartments in historic old buildings and sparkling new riverside complexes attracting people back to the heart of the city. Georgian townhouses stand proudly in the heart of the old town. Just a stone’s throw from the city centre, leafy avenues offer more traditional housing in large Victorian properties, while waterfront city-villages offer excellent modern family housing from 1-5 bedrooms, just a short walk from the city centre.

13.4 The area provides a broad range of educational opportunities close to the University, including a number of Further and Higher Education Colleges. A number of schools and academies in Hull and the East Riding have been rated Outstanding by Ofsted, and the area also offers a good choice of independent schools with boarding and day school options.

13.5 There are an increasing number of direct inter-city trains to London and regular services to other major centres. The M62 motorway provides fast communications within Yorkshire and links up directly with the A1 and M1 North/South motor routes. Humberside Airport provides a reliable service to several European cities. There is easy access to nearby pleasant countryside, dales, moors and first class coastal resorts. The City of York, with its Minster and many other attractions, including the Jorvik Centre, can easily be visited in a day.

Hull’s position at the gateway to Europe makes it an important centre for national and international travel. The city has excellent transport connections, and a unique combination of air, sea, road and rail links. Internationally acclaimed for its rich heritage and historic architecture, York has a vibrant cosmopolitan atmosphere, while still maintaining the friendly sense of community unique to a small city.

13.6 East Yorkshire has forty miles of spectacular coastline from Spurn Point in the south to Filey Brigg in the north. Spurn Point has the only full-time lifeboat crew in the country and is a bird watchers’ paradise. Nearby is Hornsea Mere, a huge freshwater lake and RSPB reserve. Hornsea also has a famous local pottery and an award winning Museum of Village Life.

It has some of Britain’s most impressive and attractive countryside, with a great many places of natural beauty and historic interest. The Pennines, Dales, Wolds and the North York Moors, the seaside towns of Whitby, Scarborough and Robin Hood’s Bay, and the cities of Leeds, Sheffield and Bradford are all close by, along with various historic abbeys and stately homes, theme parks and outdoor pursuits centres.

The East Riding of Yorkshire is also steeped in heritage and known for its beautiful and unspoilt countryside, open plains and rugged hills. It offers dramatic coastlines, award-winning sandy beaches, picturesque villages and historic market towns. The coastal resorts of Flamborough Head, Bridlington, Hornsea and Withernsea are popular family destinations – as are the market towns of Beverley, Howden, Driffield, Pocklington and Market Weighton, which offer a more relaxed pace of life.
13.7 The unrivalled quality of life in Yorkshire and the Humber is founded on this combination of cosmopolitan urban areas surrounded by beautiful countryside. With no less than three national parks on the doorstep of a thriving commercial landscape, this is a region where work and life really can be kept in balance. As Britain’s biggest county, Yorkshire has more historic houses, castles and national parkland than anywhere else, along with the best shopping in the North.

14 RESIDENCE
The post holder must live within 30 minutes travelling time of base hospital.

15 CONDITIONS OF SERVICE
Any fellow who is unable, for personal reasons, to work full time will still be eligible to be considered for the post. If such a person is appointed, modification of the job description will be discussed on a personal basis following consultation with Educational and clinical supervisors.

It is a legal requirement for all doctors to be on the GMC Register before they can take up a medical appointment.

16 TRUST SAFETY POLICIES AND PROCEDURES
16.1 You are responsible for your own health and safety and must co-operate with management to achieve safer work processes and work places, particularly where it can impact on others.

16.2 You are to ensure suitable and sufficient equipment is provided and the adherence to Trust safety policies, to sustain the health and safety of staff, patients and visitors, to areas within your remit.

16.3 You are required to review all risk assessments periodically and particularly when staffing and/or equipment changes, monitoring the effectiveness of any control measures implemented.

16.4 You are to ensure suitable and sufficient equipment is provided to sustain the health and safety of staff, patients and visitors to areas within your remit.

16.5 In addition to the Trust’s overall responsibilities under the Health & Social Care Act 2008 and the Code of Practice of the prevention and control of infections and related guidance July 2015 for your safety, you have a personal responsibility to ensure that your work adheres to this Code in the delivery of safe patient care within the organisation.

17 EQUAL OPPORTUNITIES
The Trust is an equal opportunities employer with family friendly working practices available.

18 VISITING ARRANGEMENTS AND EXPENSES
Arrangements to visit are to be made through the Human Resources Business Partner, on telephone (01482) 816773.

19 PRESENTATION
Shortlisted candidates may be required to deliver a 10 minute presentation on a given topic as part of the selection process.

20 CHIEF EXECUTIVE
The Chief Executive is Mr Chris Long (01482) 675783.

21 CONSULTANT CONTACT
Informal enquires welcome, please contact Mr George Smith, Consultant Vascular and Endovascular Surgeon and Clinical Lead (01482) 608968.
# Person Specification

## Clinical Fellow in Vascular Surgery

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<thead>
<tr>
<th>REQUIREMENTS</th>
<th>Weighting</th>
<th>ESSENTIAL</th>
<th>DESIRABLE</th>
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<tbody>
<tr>
<td>Qualifications</td>
<td>High</td>
<td>• GMC registration</td>
<td>• MRCS • PGC in appropriate subjects • Masters in appropriate subjects • MD or PhD • Qualification in duplex ultrasound • Intercollegiate speciality examination or equivalent • FRCS Vascular or equivalent</td>
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<tr>
<td>Clinical Experience</td>
<td>High</td>
<td>• Completion of Foundation competencies or equivalent • Postgraduate experience in Vascular or General Surgery or endovascular intervention</td>
<td>• Basic Surgical Skills completion • Advanced operative Vascular and endovascular skills course completion • cCRISP completion • ATLS completion</td>
</tr>
<tr>
<td>Management and Administrative Experience</td>
<td>Medium</td>
<td>• Ability to manage own time to work efficiently and effectively • Experience of audit management/Clinical Governance • Understanding of risk management and safe working practices. • Ability to organise and manage outpatient priorities, surgical waiting lists and operating lists • Ability to manage and lead Foundation and core trainees with support</td>
<td>• Formal training and qualifications in management, leadership and governance.</td>
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| Teaching Experience | Medium | - Experience of supervising FY1/2, and CT trainees  
- Ability to teach clinical and operative skills  
- Experience of teaching basic clinical skills to undergraduates | - Ability to teach research skills and supervise postgraduate research projects |
|---------------------|--------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Research Experience | Medium | - Ability to interpret and apply best evidence to clinical practice  
- Ability to work with research team to maximise participation in research | - Completion of high quality research projects  
- Publication in peer review journals  
- Presentations to learned societies  
- Success in attracting research funding |
| Personal Attributes | High   | - Ambition, drive and commitment to achieve excellence  
- Evidence of good team working  
- Good interpersonal skills  
- Enquiring, critical approach to work  
- Caring attitude to patients  
- Ability to communicate effectively with colleagues, patients, relatives, GP’s nurses and other agencies  
- Commitment to continuing medical education | - Willingness to undertake additional professional responsibilities at local, regional or national levels  
- Ability to promote the unit nationally and internationally |