

JOB DESCRIPTION

Post Title: International Training Fellowship in Anaesthesia (General & Transplant, Cardiac & Obstetric) and Intensive Care Medicine – Perioperative Medicine

Base: Directorate of Anaesthesia, CMFT (covering all adult sites)

Term of Post: 24 months fixed term

Name of supervising Consultant: Dr Sujesh Bansal

Salary Scale: Remuneration will be on the StR pay scale which currently ranges from £30,605 - £48,123 per annum.

1. THE POST

This is a 2 year fixed-term post under Medical Training Initiative (MTI) scheme. The appointee would rotate between the 4 sub-specialties of general & transplant, cardiac and obstetric anaesthesia and general intensive care including sessions in high-risk anaesthetic pre-assessment clinics including training in CPET. The rotation and duration in a speciality would reflect the training ambition and needs of the fellow. The role will combine working alongside and supporting consultant anaesthetists within theatre and the cardiac and general intensive care units along with providing an on-call anaesthetic service on a full shift basis on a EWTD compliant rota. This post is suitable for individuals seeking a period of higher training in Anaesthesia & Intensive care to hone their skills.

General & Transplant Anaesthesia:

The Trust provides secondary and tertiary care in many surgical specialties including vascular, pancreatic / renal transplantation, major head and neck, upper GI surgery, vitreo-retinal, Uro-Oncology and Gynae-oncology. MRI boasts one of the the busiest renal transplant unit in the UK (over 150 cadaveric transplants per year) as well as a busy live donor programme. We are 1 of only 7 UK centres to offer simultaneous pancreas and kidney transplantation and 1 of only 2 Trusts to offer peritonectomy.

Our two emergency theatres are staffed by dedicated consultant anaesthetists throughout the extended working day with daily orthopaedic trauma lists and regular maxillo-facial trauma lists to provide for the busy emergency workload that the Trust receives providing excellent teaching opportunities. There is a dedicated acute pain service lead by a team of consultants.

During your 6 month general anaesthesia rotation, you may be allocated to work at our Elective Surgical Centre at Trafford Hospital, where you will be supported to undertake solo theatre lists and provide on-call in the High Care Unit at the hospital. Likewise, the 6 month critical care extension, may involve working at Trafford High Care Unit along with MRI Critical care unit.

Obstetric Anaesthesia:

Saint Mary's Hospital relocated in 2009 to a new purpose built, state of the art facility and is an integral part of Central Manchester University Hospitals NHS Foundation Trust. The Anaesthetic Department provides dedicated consultant cover for the delivery unit. In 2014/15 there were about 8750 deliveries with about 20% of this activity being tertiary in nature. In addition to this, St. Mary's Hospital for Women has been nominated as the obstetric unit responsible for high-risk births for Greater Manchester. Joint ward rounds take place, and there is close collaboration in patient management. Specialist joint clinics exist for endocrine disorders (mainly diabetes), haematological disorders, renal / hypertensive disorders and cardiac disorders

Cardiac Anaesthesia:

The Manchester Heart Centre which sees 10,000 patients every year with over 1000 surgical cases per year. The cardiothoracic team offer experience in Trans-oesophageal Echo, off-pump coronary artery surgery and aortic root surgery. The MRI is a supra-regional centre for management of Adult Congenital Heart Disease and as such you will gain anaesthetic experience in this specialty area. The team also provides anaesthesia cover for the busy cardiac catheter lab service within the Manchester Heart Centre. The cardiac ITU is lead by a daily dedicated consultant anaesthetist with opportunities for bedside teaching and training in all manner of procedures including tracheostomy, TOE and management of aortic balloon-pump assist devices.

The 13-bedded intensive care unit is run by the anaesthetic consultants and support is provided for all the complications of cardiac surgery including haemofiltration. Junior cover is provided by a mix of anaesthetic specialist registrars and fellows.

Critical Care Directorate:

The Critical Care department has 40 adult critical care beds (20 ICU and 20 HDU) and serves a large University Teaching Hospital with approximately 1000 beds. There are numerous tertiary services on site offering tremendous clinical experience to the successful applicant. These include renal and pancreatic transplantation, vascular surgery, major maxillo-facial surgery, tertiary obstetrics, cardiology, hepatology, nephrology, haematology, upper GI and hepato-pancreato-biliary surgery. The successful candidate will join a consultant-lead medical workforce with 20 Consultants 24 trainees of all grades.

The Intensive Care Unit admits approximately 650 critically ill adult patients yearly. The average APACHE 2 score is high with there few elective patients admitted. The vast majority of the patients are ventilated and have at least 2 organ failures. The ICU houses regional services for vascular, renal, hepato-biliary and cardiac patients. There is 24 hour cover from a team of consultants in Critical Care Medicine. The ICU currently has 17 beds open and is nursed on a 1:1 basis. It is supported by a dedicated team of technicians, has its own laboratory, training and teaching unit. There is a follow-up clinic and active research and audit programs.

The High Dependency Unit admits approximately 1100 patients a year. The Unit works as an integrated Critical Care Service with ICU. The patient acuity is high and the case-mix is extremely wide, offering tremendous educational opportunities for the successful applicant.

The medical workforce is multi-disciplinary at both trainees and consultant level (Anaesthesia, Acute Medicine, Emergency Medicine, Nephrology and Respiratory Medicine) and is reflective of the specialty-mix of trainees and case-mix of patients.

MTI SCHEME:

The **Medical Training Initiative (MTI)** is designed to enable a small number of International Medical and Dental Graduates to enter the UK to experience training and development in the NHS for up to two years – before returning to their home country.

Eligibility criteria for the MTI

1. Have a basic medical qualification acceptable to the GMC
2. Have completed at least one year in an internship post
3. Have been qualified as a doctor for at least three years
4. Provide evidence of being engaged in medical practice for a minimum 3 years out of the last 5 years outside of the European Union, including the most recent 12 months
5. Provide evidence of at least 3 years anaesthesia training outside of the UK and European Union
6. Provide two structured, supportive references from supervising consultants, both must have worked with applicant within the last 5 years
7. Provide evidence of good standing from the applicant's local Medical Regulatory Council
8. At time of MTI application, IMG must be living and working outside of the UK and European Union for the last 12 months minimum
9. Must be aged between 24 and 54 years
10. Have not previously failed any part of the PLAB Test;
11. Demonstrate knowledge of English by obtaining an overall score of 7.5, with minimum scores of 7.0 in speaking, listening, reading and writing, in the 'Academic' test of the International English Language Testing System (IELTS). N.B IELTS certificates are valid for only two years

VISA (Tier 5):

The MTI operates under Tier 5 of the UK points based immigration system under the Government Authorised Exchange Category. The MTI scheme is initially meant for one year and is subject to an extension for another year, after which the individual will be expected to return home. This visa category is restricted to a maximum of 2 years, with no return to work in the UK under the same category for a further 5 years.

There is no prospect of a UK career via this route. Participation in the MTI will not lead to settlement in the United Kingdom.

More information on Medical Training Initiative can be found at following links

North West Deanery (Manchester)

<http://www.nwpgmd.nhs.uk/content/mti>

Royal College of Anaesthetists

<http://www.rcoa.ac.uk/docs/Overseas%20Applicant%20Guidelines.pdf>

NHS Employers MTI information:

www.nhsemployers.org/PlanningYourWorkforce/MedicalWorkforce/Medical_Education_and

[training/MMC-international-recruitment/Pages/Medical-Training-Initiative.aspx](https://www.nhs.uk/training/MMC-international-recruitment/Pages/Medical-Training-Initiative.aspx)
NHS Professionals - MTI Guide:
www.nhsprofessionals.nhs.uk/flexible/doctors/overseas-doctors.aspx

2. THE TRUST

Central Manchester University Hospitals NHS Foundation Trust is one of the UK's largest employers, with a wide ranging portfolio of specialty work and a strong academic record. The Trust has recently undergone a major development and expansion, with much of the Trust's facilities being relocated into a £0.5 billion hospital development. This comprises new facilities for the Royal Eye Hospital, St Mary's Hospital and much of the medical division of the Manchester Royal Infirmary. In addition to this, Manchester's two Children's hospitals have now unified on the new hospital site to form an integrated Children's Hospital for Manchester, which is one of the most advanced children's hospitals in the world.

The Trust currently comprises of six hospitals; Manchester Royal Infirmary, Saint Mary's Hospital, Royal Manchester Children's Hospital, University Dental Hospital of Manchester, Manchester Royal Eye Hospital and Trafford Hospitals. Currently there are proposal to establish a Single Hospital Service for the City of Manchester to bring together the hospital services currently provided by Central Manchester University Hospitals NHS Foundation Trust, University Hospital of South Manchester NHS Foundation Trust, and the services provided at North Manchester General Hospital by Pennine Acute Hospitals NHS Trust .

In partnership with The University of Manchester and other collaborators we are rapidly making Manchester the centre of cutting-edge research to improve healthcare worldwide.

Over one million patients per year are cared for across Trust's eight hospitals and community services, and we undertake research in a diverse range of clinical areas. Our patients are regularly the first-in-the-world to have the opportunity to trial new treatments through research, and even more are first in the UK.

Working with The University of Manchester, and other partners in the Manchester Academic Health Science Centre (MAHSC), we have aligned our biomedical research strategy to focus our efforts on six areas, in which we are internationally recognised. Our research is supported by the National Institute for Health Research.

3. THE DEPARTMENT

The Directorate of Anaesthesia (Adult) is a part of the Division of Clinical & Scientific Services. Anaesthesia is situated in a discrete on the 5th Floor of Saint Mary's Hospital. There are work and rest facilities for both Junior and Senior Medical staff. These include a library, seminar room, rest/refreshment room, IT facilities, airway training room and a comprehensive museum unique in the region. In addition there is access to the main hospital, and the full facilities of Manchester Medical School and the University are close at hand.

The Directorate has invested in state-of-the-art anaesthetic equipment including over £1m worth of new monitoring equipment across the site, along with a fleet of new "Primus"

anaesthetic machines in all theatres. Projects are also ongoing to introduce Bispectral Index (BIS) monitoring, Oesophageal Doppler cardiac output monitoring across all theatre suites, availability of ultrasound facilities for the administration of nerve blocks, plus a well developed Acute Pain Service to support the post-operative pain requirements of surgical patients.

The Directorate provides Anaesthetic Services for all forms of routine elective and emergency surgery to adult patients. We provide a specialist service to all surgical specialties within the central site, and also support a number of specialised clinical units, Central Delivery Unit, Critical Care Units and Cardiac Surgery Intensive Care Unit and at Elective Surgical Centre & High Care Unit at off-site Trafford Hospital.

THE DEPARTMENT CONSISTS OF

Chairman	Dr Suna Monaghan
6 Deputy Clinical Director	
College Tutor	Dr Rowena Cockerham, Dr Graeme Flett
94 Consultants	
23 Specialty Registrars (ST3+)	
8 Core Trainees (CT1/2)	
24 Clinical Fellows/Speciality Doctors	

4. THE POST

4.1 Main Job Purpose:

This is a 2 year post rotating between the 4 sub-specialties of general, cardiac and obstetric anaesthesia and general intensive care. The rotation in a speciality would reflect the training ambition and needs of the fellow. The role will combine working alongside and supporting consultant anaesthetists within theatre and the cardiac and general intensive care units along with providing an on-call anaesthetic service on a full shift basis on a EWTD compliant rota.

4.2 Key Duties and Responsibilities

Anaesthesia (General & Transplant, Cardiac and Obstetrics)

Supervised by the anaesthetic consultant, the trainee will undertake pre-operative assessment and provide anaesthesia across the Trust site as directed for elective work. In addition, the trainee will undertake a full on-call commitment to support the department's emergency and out-of-hours service.

Critical Care

Under the supervision of the critical care consultants the trainee will assist in the assessment, admission, day-to-day management, investigation, practical procedures and final discharge of patients.

Some administrative work such as referral letters is part of the usual workload. In addition active participation in audit is expected. Weekly teaching is compulsory unless on night duties or leave is granted.

Preoperative Assessment Clinics & Cardiopulmonary Exercise Testing (CPET)

CMFT has a well established and multi-disciplinary integrated Preoperative Assessment services which has nurse-led service supported by several consultant anaesthetists who also review patients within dedicated specialty based weekly clinics across the Trust.

The Preoperative Assessment Service also operates the Cardiopulmonary Exercise Testing Service (CPET). This clinic, operates five times a week, providing detailed information to consultant anaesthetists on optimising perioperative management of the patient.

4.3 On-call

The successful candidate will provide an anaesthetic on-call service on the most appropriate rota according to experience and service needs (after discussion with the consultant supervisor). There are several rotas the successful candidate may cover, which includes:

- Obstetrics
- General - Junior Registrar
- General - Senior Registrar
- Cardiac
- Intensive Care
- High Care Unit

All rotas are EWTD compliant.

Banding supplements may be altered in the light of changes in working patterns in order to make posts compliant with the New Deal. Any changes in pay bands will be undertaken in accordance with the Terms and Conditions of service sub-paragraph 22m. Confirmation of the banding allocated to successful candidates will be confirmed upon commencement.

4.4 Experience offered

Anaesthesia (General & Transplant, Cardiac and Obstetrics)

Experience will be offered in a wide range of anaesthetic subspecialties including:

- Complex obstetric
 - Cardiac (Trans-oesophageal Echo, On and off-pump coronary artery surgery, valvular and aortic root surgery)
 - Thoracic
 - Kidney/Pancreas Transplant and Peritonectomy
 - Major Head & Neck oncology
 - Gynaecology Oncology
 - Upper and Lower GI
 - Cardiothoracic Surgery and Cardiology
 - Ophthalmology
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Whilst this post is not recognised for training to achieve CCT, depending on the expectations of the appointee, we will endeavour to meet your training needs. Individual doctors should discuss their training needs with the supervising Consultant.

Critical Care

Experience is gained in a wide range of clinical presentations. There is exposure to all practical procedures commonly used in critical care environments including central and peripheral venous cannulation, arterial cannulation, endotracheal intubation, intercostal chest drain insertion, renal replacement techniques, tracheostomies etc. Appropriate training will be provided according to the IBTICM basic training requirements.

CONDITIONS OF SERVICE

The post is subject to the Terms and Conditions of Service for Hospital Medical and Dental Staff as modified from time to time

1. Annual Appraisal (ARCP)

International Training Fellows are required to participate in a system of appraisal and performance review to identify training and development needs. The appraisal would be conducted yearly and is mandatory. This would be conducted and administered by Central Manchester University Hospitals NHS Foundation Trust.

2. Covering Unforeseen Absence/ Occasional Emergencies

Medical Staff may be asked to perform additional duties in occasional emergencies and unforeseen circumstances at the request of the appropriate consultant, in consultation where practicable with colleagues both senior and junior.

3. Accountability

Managerially accountable to Dr Iain Gall, Clinical Director, Anaesthetics and professionally accountable to the Trust Medical Director, Mr RC Pearson.

4. Study Leave

Study leave will be granted at the discretion of your supervising Consultant in conjunction with your Directorate Manager to the maximum of 30 days per year with annual study budget of £600.00

5. Annual leave

The annual leave entitlement is 27 days per annum plus public holidays.

6. Maintaining Medical Excellence

The Trust is committed to providing safe and effective care for patients. To ensure this there is an agreed procedure for medical staff that enables them to report, quickly and confidentially, concerns about the conduct, performance or health of medical colleagues (Chief Medical Officer, December 1996). All medical staff, practising in the Trust, should ensure that they are familiar with the procedure and apply it.

7. Risk Management

The Trust has a Risk Management Strategy. All Medical Staff are required to adhere to the principles and practices contained therein.

8. Infection Control

It is a requirement for all staff to comply with all infection control policies and procedures as set out in the Trust Infection Control manual

9. Occupational Health: The appointment will be subject to the completion of a satisfactory health questionnaire. All appointees will be required to attend Occupational Health within a month of taking up the post.

Within the guidelines of the circular (Circular HSG (93) 40 - Protection of Health Care Workers & Patients from Hepatitis B) it is a contractual commitment of all medical staff to appointments involving Exposure Prone Procedures at this Hospital that you undergo a medical screening programme at the Occupational Health Department of this hospital prior to confirmation of appointment, or provide written evidence of recent successful vaccination.

If you would like to discuss this post in more detail please contact Dr Sujesh Bansal on 0161 276 4551 or email sujesh.bansal@cmft.nhs.uk or Dr Kirsty Maclennan, & Consultant Anaesthetist, 0161 276 4551 / kirsty.maclennan@cmft.nhs.uk

PERSON SPECIFICATION

Requirements	Essential / Desirable	Method of assessment
Qualifications & Training		
Medical Degree	Essential	Application Form
Minimum 3 years experience in anaesthesia (outside UK and EU)	Essential	Application Form
Advanced Life Support	Essential	Application Form
Postgraduate qualification in Anaesthesia	Essential	Application Form
Teaching/Audit		
Teaching of Medical Students	Essential	Application Form & Interview
Experience of Audit	Essential	Application Form & Interview
Academic Achievements		
Distinctions or Prizes during undergraduate training	Desirable	Application Form & Interview
Research & Publications	Desirable	Application Form & Interview
Interpersonal Skills		
Organisation Skills	Essential	Interview & References
Communication Skills	Essential	Interview & References
Team working Skills	Essential	Interview & References
Other Requirements		
Eligible to secure MTI post under Tier 5 (non-UK/EU anaesthetic practise, valid IELTS)	Essential	Application Form & Certificate
Eligible for registration with the General Medical Council as per MTI eligibility.	Essential	Application Form & Certificate