

Fellow

In

Regional Anaesthesia

JOB DESCRIPTION

Date: July 2019

Job Title: Fellow in Regional Anaesthesia (SpR 3/ST5 +)

Whipps Cross University Hospital

CAG: Surgery and Cancer

Responsible to: Dr Suyogi Jigajinni, Lead for Regional Anaesthesia, Fellowship supervisor

Dr Fiona Murray, College Tutor

Dr. Andrew Williams, Named Clinical Lead for Perioperative Medicine

Accountable to: Mr John Peters, Clinical Director for Surgery and Cancer

Dr Heather Noble, Medical Director

Informal enquiries: please contact Dr Suyogi Jigajinni - suyogi.jigajinni@nhs.net

CONTEXT

Barts Health NHS Trust is one of Britain's leading healthcare providers and the largest trust in the NHS. It was created on 1 April 2012 by bringing together three trusts: Barts and The London NHS Trust, Newham University Hospital NHS Trust and Whipps Cross University Hospital NHS Trust. The new trust has a turnover of approximately £1.1 billion and approximately 15,000 employees.

Together our hospitals - Newham University Hospital in Plaistow, St Bartholomew's (Barts) in the City, The Royal London in Whitechapel, and Whipps Cross in Leytonstone - deliver high quality clinical care to the people of East London and further afield.

The hospitals offer a full portfolio of services that serve the needs of the local community, and are home to some of Britain's leading specialist centres including cancer, cardiac, trauma and emergency care. Barts Health also has one of the UK's busiest children's hospitals and internationally renowned surgical facilities.

Our vision is to create a world-class health organisation that builds on strong relations with our partners and the communities we serve – one dedicated to ending the historic health inequalities in east London. We will build an international reputation for excellence in patient care, research and education. And as members of UCL Partners, the largest academic health sciences system in the world, we will ensure that our patients are some of the first in the country to benefit from the latest drugs and treatments.

Whipps Cross Hospital currently provides the full range of local general hospital services. The hospital is one of the busiest in the country, dealing around 120,000 people in the emergency department every year. There are over 600 acute beds on site. The hospital mainly serves the populations of Redbridge and Waltham Forest, which have a combined population of around 452,000.

Whipps Cross Hospital is set out in 44 acres of grounds at the southern end of Epping Forest, very close to the 2012 Olympic Park development in the Lower Lea Valley. The pleasant London suburbs of Loughton, Woodford and Buckhurst Hill are very nearby and North, East and Central London are an easy commute. Many members of staff choose to live in the rural villages of Essex. Local recreation facilities are excellent with all the cultural opportunities that London has to offer nearby. There are a good variety of local state and private schools.

THE DEPARTMENT OF ANAESTHETICS AT WHIPPS CROSS

The Anaesthetic department offers a wide range of services: elective and emergency operating in orthopaedics & trauma, general surgery, breast surgery, colorectal surgery, gynaecology, acute and chronic pain management, obstetric analgesia and anaesthesia, maxillo-facial and dental, ENT, urology, ophthalmology, preoperative assessment and perioperative care, CPET, high dependency and intensive care for adults.

The hospital has fourteen operating theatres, including two laminar flow orthopaedic theatres and two theatres in the maternity unit. In 2016 we opened two new replacement theatres as part of an extensive development plan of our day surgery theatres.

The hospital has a nationally recognised 9 bedded Intensive Therapy Unit with 500-600 admissions per year. A new 8 bedded High Dependency Unit was also opened in January 2017. Currently there are 10 ITU consultants. The ICU/HDU service is fully consultant-led, providing supervision for junior staff which includes one trainee who has achieved full ITU competencies, a HDU trainee as well as additional trainees of all grades.

Whipps Cross has a long history of provision of hyperbaric oxygen therapy. London Hyperbaric Medicine Ltd. was established in its current form in April 2001 as a Private Finance Initiative with the Trust. The facility is one of the busiest in the UK and has a state of the art multi-place chamber.

There are monthly clinical governance, senior staff meetings and morbidity and mortality meetings, as well as an active teaching program for trainees and allied health professionals

STAFFING

The Anaesthetic Department is currently staffed by thirty consultants, one Associate Specialist, six Specialty grade Doctors, an education/simulation fellow and regional anaesthesia fellow. There are nineteen posts for Specialist Trainees, who rotate from the Barts and the London School of Anaesthesia and 2 ACCS posts. All the training posts are recognised for General Specialist Training by the Royal College of Anaesthetists. An FY1 doctor spends a 4 month anaesthetic/critical care module with the department. There is a comprehensive induction programme and information pack for all new anaesthetic medical staff. All departmental protocols may be accessed via the intranet.

The present staffing is as follows:

Named Clinical Lead, Perioperative Medicine Dr Andrew Williams

Clinical Lead, Critical Care Dr Tom Smith

Consultants

Dr M Abu-Habsa ITU, Emergency medicine
Dr N Aravindhan Obstetric Anaesthesia

Dr C Barringer Audit & Governance Lead, Regional Anaesthesia,

Dr M Basu CPEX, Pre-assessment (locum)

Dr S Chitre Airway management Lead, Obstetric anaesthesia, Regional

Dr L Fulton

Dr J Gittens

Lead for Obstetric Anaesthesia

ITU, Respiratory medicine

Dr C Ghosh ITU (locum)

Dr S Harrison Pre-assessment, Orthopaedics

Dr J Hoyle Acute pain lead, Obstetric Anaesthesia, Simulation

Consultants (cont)

Dr S llott ITU

Dr S Jigajinni Regional Anaesthesia Lead, Obstetric anaesthesia, Airway Anaesthesia

Dr G Kandasamy Lead for Pre-assessment, Simulation

Dr F Keane ITU, Orthopaedics, Rota Lead

Dr N Kufakwaro Pain Medicine

Dr B Lewinsohn Chronic Pain Lead, Regional Anaesthesia

Dr N Lubis Pre-assessment
Dr S Majumdar ENT Anaesthesia
Dr F Morrell-Ducos Obstetric Anaesthesia

Dr F Murray

College Tutor, Acute Pain Lead
Dr A Nazar

ITU, Maxillofacial Anaesthesia

Dr E Oteri Obstetric Anaesthesia
Dr A Patwardhan Colorectal, Novice Trainees

Dr S Philip Equipment Lead, Obstetric Anaesthesia,

Dr D Radhakrishnan Obstetric Anaesthesia, Undergraduate coordinator

Dr H Singh Paediatric Anaesthesia

Dr S Thunga Obstetric Anaesthesia, Journal club coordinator

Dr P Timmis ITU, LNC Representative Dr C Waters ITU, FY1 Coordinator

Associate Specialist

Dr Neil Rice Anaphylaxis lead, hyperbaric medicine

Staff Grades/ Specialty Doctors

Dr Pilar Zein-Sanchez Ophthalmic Anaesthesia

Dr Nikesh Chandarana

Dr Abhilash Das Dr Rashmi Bodra Dr Peter Chan Dr Rajni Uddin Dr Hadia Faroog

Dr Adam Barnett

In addition we have 6 trust grades on the HDU rota to complement our two ACCS doctors.

Trainees: Senior Nursing Staff

9 ST3 or above

5 CT1 Lisa White Clinical Nurse Specialist, Chronic Pain

5 CT2

2 ACCS (CT1/2)

1FY1/2

Departmental support

There are 2.5 whole time equivalents providing secretarial support to the anaesthetic department plus an administrative officer on the intensive care unit. There is a large anaesthetic department for the successful candidate to share with their colleagues with computer access, a kitchen, a toilet, projection equipment and teaching aids.

Administrative

Hillary Rodney-Davis
Sarah O'Connor and Lisa Siddle
Office Manager/Administrator
Anaesthetic Secretaries

THE POST

The post is a 6 month fixed term appointment. It will be based at Whipps Cross University Hospital. The focus of the post is to develop mastery in the wide range of regional anaesthesia (RA) techniques utilised as part of perioperative care in a busy acute district general hospital. The post holder will be supervised by consultants experienced in RA, and will also work closely with the Acute Pain Service (APS) in order to gain a rounded exposure to the role of regional anaesthesia in multimodal analgesia.

The appointment is aimed at post FRCA ST6 or ST7 trainees (at time of post commencement), who not only wish to enhance their own skills in RA, but are motivated to deliver RA training both within the department, the school and at external meetings. This is an exciting opportunity for an enthusiastic trainee to build upon RA skills acquired during intermediate and higher training.

We currently perform a substantial number of single shot nerve blocks across the floor and are in the process of developing a peripheral nerve catheter service to provide continuous regional anaesthesia in selected cases. The case mix will offer the post holder a balanced exposure to both emergency and elective - upper limb, lower limb, truncal, chest wall and neuraxial RA, as well as awake surgery. We also have an active in house regional anaesthesia training programme 'Whipps Scanning Club' that the successful post holder will have opportunity to take a lead role in. There will also be regional anaesthesia related projects for the post holder to become involved in, and inevitably present internally and at RA meetings

Our aim is to deliver a RA service to enhance patient care, patient safety and theatre efficiency. This post holder would be expected to support this vision.

The post holder should be able to work autonomously within the department's policies and practice as established by the consultant body. On a daily basis they will be directly or indirectly supervised by a named consultant skilled in regional anaesthesia. The degree of supervision will depend on the progression of skills and experience of the individual doctor, the case mix they are dealing with and the area they are working in.

Subject to satisfactory progress and post completion, the appointment will ensure the post holder has met the RCoA requirements for Advanced Training in Regional Anaesthesia, and equip them with the knowledge and skills to have a specialist interest in RA as a Consultant. Due to the mixture of cases incorporating RA, there may also be opportunities for the post holder to work towards other general modular sign offs as prescribed by the RCoA Curriculum.

The post is suitable for either Out of Programme Experience (OOPE) or Out of Programme Training (OOPT) from their Specialist Registrar training programme. Prior agreement must be sought with the relevant Specialty Training Committee (STC) and Shared Services.

PREVIOUS POSR HOLDER

The current post holder is 5 months in, and has placed over 180 blocks, spanning a broad spectrum of Upper/Lower limb, Truncal and Chest Wall blocks, continuous catheter techniques, awake surgery and rib fracture analgesia. For further info please contact Dr Rob McCartney – rob_mccartney@hotmail.co.uk (current post holder) or Dr Suresh Sanapala – sureshsanapala@gmail.com (previous post holder)

CLINICAL / LEARNING OUTCOMES

Clinical and learning outcomes will be agreed between the post holder and fellowship supervisor on post commencement (or before). Objectives agreed at that initial meeting will mirror the outcomes prescribed by the RCoA for Advanced regional anaesthesia training (see below), set out achievable block numbers and workplace assessments (see below), highlight areas for focus while at Whipps and detail timetabling.

The post holder will also be expected to assist as faculty on one regional meeting during the post (by invitation)

Learning outcomes:

Gain mastery in a wide range of regional anaesthetic techniques using a variety of methods to assist
in the identification and safe placement of needles and catheters, including in-depth understanding
of the place and use of ultrasound

Learning outcomes (cont):

- Gain mastery in the management of surgical lists in which regional anaesthetic techniques have a
 major role in the peri-operative anaesthetic care and in doing so demonstrating the necessary
 leadership, communication and team-working skills necessary to ensure this benefits both the
 patient and the organisation
- Integration of regional anaesthetic techniques into acute pain management in surgical, trauma and medical patients where appropriate
- Gain maturity in understanding the importance of utilising the time allocated to clinical sessions effectively, optimising throughput whilst not compromising patient safety
- Gain the necessary maturity to guide the choice of audit cycles/quality improvement projects in developing practice
- Becomes familiar with recent developments in regional anaesthesia, to evaluate these developments and to advise colleagues of useful changes in practice
- Becomes a balanced advocate for the use of regional anaesthetic techniques

Core clinical learning outcomes:

- To be capable of undertaking a wide variety of regional anaesthetic techniques independently; this
 implies an ability to:
 - Provide perioperative anaesthetic care to a wide-range of surgical cases performed under regional anaesthesia, demonstrating a fundamental understanding of the problems encountered
 - Show the decision making and organizational skills required of an anaesthetist to manage busy operating sessions that involve patients having regional anaesthesia as part of their anaesthetic planned care
 - Assist colleagues in decisions about the use of regional anaesthesia in difficult situations and where their use might be controversial
 - Provide teaching to less experienced colleagues of all grades
- Provide advice to colleagues on the appropriate practice of regional anaesthesia

Suggested Knowledge WPBAs

- Demonstrates in-depth understanding of advance ultrasound scanning, including:
 - The effect of ultrasound imaging modalities on the performance of regional anaesthetic techniques
 - The use of advanced ultrasound needle design to maximise visibility during procedures
 - Describing ideal and non ideal patterns of spread of local anaesthetics, with respect to efficacy and complications e.g. intraneural and intravascular injection
 - Detailed knowledge of the relevant sonoanatomy in relation to sectional anatomy, including anatomical variations, of vascular, nervous and muscular tissues
 - A knowledge of common ultrasound artifacts
 - The need to record, and store, ultrasound images relevant to clinical practice
 - The place of ultrasound in clinical management of patients, including medico-legal aspects

- Demonstrates mastery in a wide variety of regional anaesthetic techniques (single shot and where appropriate – catheters), including but not exclusively:
 - The interscalene, supraclavicular, infraclavicular and axillary approaches to the brachial plexus
 - · Forearm rescue blocks
 - Femoral/Adductor canal/Fascia Iliaca/sciatic/Ankle blocks
 - Thoracic paravertebral, PECS, SAP, erector spinae
 - Rectus Sheath / TAP (Post/Subcostal) / inguinal

Suggested Skills WPBA (cont)

- Demonstrates the use of advanced ultrasound techniques in regional anaesthesia including neuraxial scanning and catheter placement
- Demonstrates mastery in the use of adjuncts to enhance safe practice when providing regional anaesthesia techniques [including ultrasound, nerve stimulators, test dose, injection pressure monitors]
- With regard to ultrasound, demonstrates high levels of skill including:
 - The use of appropriate selection of probes for different techniques, with precise probe control and minimum unintentional movement
 - Demonstrate the relevant sononantomy of the peripheral nerves and surrounding structures of the brachial plexus and arm, thoracic and lumbar spine, lower limb, muscles of the anterior abdominal wall and inguinal region and be confident in the performance of regional anaesthetic techniques in these areas.

DUTIES

- Regular Weekday activity (0730-1730) Mon-Fri will be on Regional Anaesthesia lists, working under direct or indirect supervision of a consultant anaesthetist experienced in RA
- Whilst the post holder will be based in a specified theatre list each day, there will be flexibility to move between theatres to perform / assist / teach blocks happening elsewhere on the floor
- We will endeavour to provide discretionary ad hoc half days to facilitate projects, EDRA exam
 preparation, and the like. These days will depend on educational needs/staffing requirements and
 will be at the discretion of Dr Jigajinni.
- At times and as the post holder gains experience, they may be given opportunities to work solo
 /supervise a junior trainee anaesthetist on an RA list. The post holder will always have direct access
 to a named consultant.
- Post holders will participate in the 1:8 Registrar on-call rota covering both ICU/OBS.

RESEARCH & AUDIT AIMS

- To assist and take a lead on RA related audit
- To devise and implement RA related research/audit activity under supervision.
- To attend and present RA related research/audit at local, national and international meetings as appropriate.
- To develop skills in order to produce a poster/peer-reviewed publication
- To undertake RA presentations/posters at regional, national and international meetings as appropriate

EDUCATIONAL EXPECTATIONS

- In conjunction with the Fellowship supervisor, help to set up and run the departmental RA teaching programme (Scanning club) for core, intermediate and higher level anaesthetic trainees and consultants coordinating faculty, volunteers and contributing to teaching sessions themselves.
- Assist as faculty at a RA Meeting/Workshop (by invitation)
- Teaching/supervision of trainees/senior colleagues in RA

GENERAL EXPECTATIONS

- Contribute to the provision of a high quality, responsive anaesthetic and ITU service at Whipps Cross, in co-operation with colleagues in anaesthetics and intensive care. A high standard of perioperative care must always be maintained.
- Practice within the limits of the post holders training and experience and seek advice or assistance
 where appropriate. This will usually be sought from the consultant on-call in an emergency. Less urgent
 problems may be discussed with the Fellowship supervisor, Clinical Lead or College Tutor
- The post holder must be committed to professional training and development in RA, maintaining an up to date knowledge of current RA advances. This includes participation in meetings, teaching sessions and audit. The post holder is a full member of the anaesthetic department.
- Comply with the usual procedures for Educational Supervision and ARCP preparation. Educational Supervision for this post will be provided by Dr Jigajinni
- Undertake administrative duties associated with the care of patients.
- To maintain a good standard of documentation and prescribing according to departmental and Trust policies and guidelines.
- To comply with working hours monitoring as advised by Human Resources.
- To report critical incidents appropriately.
- To inform the Fellowship Supervisor and rota coordinator of your intended leave in a timely manner to allow effective training planning.
- To book leave dates in accordance with Trust policy and to ensure leave forms are signed off by the Clinical Supervisor
- To support Fellowship Supervisor in all aspects of running a training day, including organisational, technical and educational activities.
- To promote and maintain patient safety at all times.
- To challenge all observed poor performance in a supportive manner.
- To notify senior faculty, of any serious concerns regarding a colleague's fitness to practice.
- To role model professional behavior.

PERSONAL DEVELOPMENT AND TRAINING

Barts Health NHS Trust actively encourage development within the workforce and employees are required to comply with trust mandatory training.

Post holder will be expected to participate in individual performance reviews with their fellowship supervisor at 2 monthly intervals

Barts Health aims to support high quality training to NHS staff through various services. The trust is committed to offering learning and development opportunities for all full-time and part-time employees.

TERMS AND CONDITIONS OF SERVICE

In accordance with National Health Service hospital medical and dental staff and doctors in public health medicine and the community health service (England and Wales): terms and conditions of service. These apply nationally but may be modified from time to time by either national or local agreement.

Advice on all terms and conditions of service for this hospital can be obtained from the Medical Human Resources Department.

SALARY

The post attracts a London Waiting Allowance

The post holder will be paid in accordance with either 2002 or 2016 terms and conditions of service, depending on year of training commencement/expected completion

GENERAL REQUIREMENTS/INFORMATION

Short listed candidates will be required to complete a Health Statement and the Trust may require the successful candidate to pass a medical examination as a condition of appointment. All employees who perform "exposure prone procedures" should be immunised against Hepatitis B. Antibody response should be checked on a regular basis. Failure to comply with regulations relating to Hepatitis B may result in an employee being suspended from duty.

Because of the nature of the work of this post it is exempt from the provisions of Section 4 (2) of the Rehabilitation of Offenders Act, 1974 (Exemption Order, 1975). Applicants are, therefore, not entitled to withhold information about convictions including those which for other purposes are "spent" under the provision of the Act. In the event of employment, any failure to disclose such convictions could result in dismissal or disciplinary action by the Trust.

The post-holder must at all times carry out his/her duties with due regard to the Trust's Equal Opportunities Policies.

The Trust operates a No Smoking Policy.

HEALTH AND SAFETY PROCEDURES

The Trust takes health and safety most seriously. The appointee will be expected to attend a Health and Safety awareness session. In addition it remains the responsibility of all staff to be conversant with up to date Health and Safety procedures and policies and work to ensure that these are adhered to at all times.

INFECTION CONTROL

The post holder has a duty of care and personal obligation to act to reduce healthcare-associated infections (HCAIs). They must attend mandatory training in infection prevention and control (IP&C) and be compliant with all measures required by the trust to reduce HCAIs. All post holders must comply with trust infection screening and immunisation policies as well as be familiar with the trust's IP&C policies, including those that apply to their duties, such as hand decontamination, personal protective equipment, aseptic techniques and safe disposal of sharps. All staff must challenge noncompliance with infection, prevention and control policies immediately and feedback through the appropriate line managers if required.

VULNERABLE PATIENTS

The appointee must carry out responsibilities in such a way as to minimise risk of harm to children, young people and vulnerable adults and to promote their welfare in accordance with the Children Act 1989 and 2004, Working Together to Safeguard Children (2006) and No Secrets guidance (DH 2000).

DATA PROTECTION

In accordance with the Data Protection Act (1998), the Trust is authorised if required to do so, to obtain, process and or use information held on a computer in a fair and lawful way. The Trust is authorised to hold data only for the specific registered purpose and not to use or disclose it in any way incompatible with such purpose. They are further authorised to disclose data to authorised organisations as instructed.

RADIATION/IONIZING PROTECTION

Under the Ionizing Radiation Regulation Act, (1988) the Trust is required to maintain a register of all persons in its employment who, as part of their clinical duties, are required to clinically or physically direct a medical examination or procedure involving the use of Ionizing radiation. Such persons must demonstrate to the Trust that they have received "Core of Knowledge" training in the safe use of ionising radiation, before their name can be entered on the register. Because the Trust has an obligation to ensure compliance with these training requirements, any person who fails to register with the Trust having received proper notification to do so, and who subsequently clinically or physically performs an examination or procedure using Ionizing radiation, can be prosecuted under these regulations. It will be an essential requirement for the successful candidate to be in possession of an IRMER (Ionising Radiations Medical Exposures Regulations) 2000 Certificate.

CONFIDENTIALITY

The post holder must maintain the confidentiality of information about Patients, Staff and other Health Service Business in accordance with the Draft Code of Confidentiality and the Data Protection Act 1984.

EQUALITY & DIVERSITY

The trust values equality and diversity in employment and in the services we provide. It is committed to promoting equality and diversity in employment and will keep under review our policies and procedures to ensure that the job related needs of all staff working in the Trust are recognised. The Trust will aim to

ensure that all job applicants, employees or clients are treated fairly and valued equally regardless of sex, marital status, domestic circumstances, age, race, colour, disablement, ethnic or national origin, social background or employment status, sexual orientation, religion, beliefs, HIV status, gender reassignment, political affiliation or trade union membership. Selection for training and development and promotion will be on the basis of the individual's ability to meet the requirements for the job.

You are responsible for ensuring that the trust's policies, procedures and obligation in respect of promoting equality and diversity are adhered to in relation to both staff and services.

CONFLICT OF INTEREST

The trust is responsible for ensuring that the service provided for patients in its care meets the highest standard. Equally it is responsible for ensuring that staff do not abuse their official position for personal gain or to benefit their family or friends. The trust's standing orders require any officer to declare any interest, direct or indirect with contracts involving the trust. Staff are not allowed to further their private interests in the course of their NHS duties.

PERSON SPECIFICATION

Post	Regional Anaesthesia Fellow- Anaesthetics	SPR4/ST6+ LEVEL	
Department	Department of Anaesthesia – Whipps Cross		

Essential = E Desirable = D		E D	or	Application form	Interview
Qualifications and	MBBS, or equivalent	Е		Х	
knowledge	Registration and licensing held with the GMC	Ε		Х	
	ALS	Ε		Х	
	FRCA or equivalent	Е		Х	
Experience	ST5 + at time of application	Е		Х	
	Intermediate Regional Anaesthesia Sign off complete	Е		Х	
	Higher Regional Anaesthesia Sign off complete	D		x	
	Logbook experience of US Guided regional anaesthesia	Е		X	
	Experience providing anaesthetic cover for all usual DGH specialties including OBS/ICU	Е		Х	
	Publications in peer-reviewed journals	D		X	
	Demonstrates experience in regional anaesthesia related Quality improvement/audit/research/education	D		Х	X
	Presentation of RA related work at a regional, national or international meeting	D		X	x
	Demonstrates experience of anaesthesia related Quality Improvement/Research/Audit Project/s & Data collection	Е		X	x
Education Experience	Evidence of experience of regional anaesthesia teaching to either undergraduates, junior or senior colleagues	D		Х	х
	Evidence of experience in anaesthesia teaching to either undergraduates, junior or senior colleagues	Е		X	x
Skills	Ability to work as part of the multi-disciplinary team	Ε		X	X
	Excellent organisational skills	Е			х
	Ability to assimilate a large amount of new information quickly	Е			Х
	Demonstrated enthusiasm and proficiency in teaching and sharing knowledge	Е		Х	х
	Ability to work to deadlines and Prioritises workload effectively	Е		Х	Х
Personal and people development	Demonstrates an enthusiastic, approachable and friendly manner; is a willing team member	Е			Х
	Ability to carry out functions autonomously and with minimal supervision; uses initiative	Е		Х	
	Highly motivated individual; can motivate others	Е		Х	х
Communication	Well-developed communication skills demonstrated	Е			Х
	Excellent oral and written communication skills	Е		Х	Х
	Can skilfully adapt and utilise a number of communication strategies with a diverse range of people	E			X
Specific requirements	Enthusiasm for Regional Anaesthesia and a willingness to work hard	Е		X	х