

NORTH LONDON ANAESTHETIC PROGRAM

LONDON SCHOOL OF ANAESTHESIA



Special Interest Areas

August 2026

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North London SIA Handbook 2026 - 2027

North London SIA Posts	
	Module lead contact email
Cardiothoracic 6 Months – 1 year	
Harefield 12 months	ben.silverman@nhs.net
St Barts Hospital	bartshealth.pom-collegetutor@nhs.net
Royal Brompton Hospital	n.zimble@rbht.nhs.uk
Thoracic 6 Months	
University College Hospital London	e.hoogenboom@nhs.net
Paediatrics 6 months	
Great Ormond Street Hospital	ellen.rawlinson@gosh.nhs.uk
Chelsea and Westminster Hospital	seth.galton@nhs.net
Royal London Hospital	monica.naik@nhs.net)
Evelina	Sheela.badiger@gstt.nhs.net
Paediatrics 1 year	
Great Ormond Hospital London	ellen.rawlinson@gosh.nhs.uk
Obstetrics 6 Months- 1 year	
Queen Charlotte's Hospital London	s.thakar1@nhs.net
Royal London Hospital	sarah.wray6@nhs.net
University College Hospital London	sohail.bampoe@nhs.net
Chelsea and Westminster Hospital	richard.george1@nhs.net
Airway 6 Months	
Royal National Throat, Nose& Ear Hospital	m.gilhooly@nhs.net
Northwick Park Hospital	rajinderschaggar@nhs.net
Charing Cross Hospital London.	john.myatt@nhs.net
Royal London Hospital	Seema.shah4@nhs.net
University College Hospital London.	Simon.clarke15@nhs.net
Complex Orthopaedics 6 Months	
Royal National Orthopaedic Hospital	sanjeevan.shanmuganathan1@nhs.net
Trauma 6 Months	
Royal London Hospital	John.mckenna1@nhs.net
St Mary's Hospital London	sabeena.qureshi@nhs.net
Regional 6 Months	
Royal London Hospital	c.pang@nhs.net
Whipps Cross Hospital London	Suyogi.jigajinni@nhs.net
Royal Free Hospital London	gagandeep.atwal@nhs.net
University College Hospital London	simeon.west@nhs.net
Royal National orthopaedic Hospital	alexander.sell@nhs.net)
Chelsea and Westminster Hospital	rebecca.smith254@nhs.net
St Mary's Hospital London	ranil.soysa1@nhs.net
Charing Cross Hospital	sam.haddad@nhs.net

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HPB 6 Months	
Royal Free Hospital London	dominik.krzanicki@nhs.net
HPB and research 12 months	
Royal Free Hospital London	suehana.rahman@nhs.net
Vascular 6 Months	
Royal Free Hospital London	l.abeyesundara@nhs.net
St Marys Hospital London	Sadie.syed@nhs.net
Vascular and POM 6 Months	
Royal London Hospital	mevan.goonaratne@nhs.net
Bariatrics 6 Months	
University College Hospital London	wint.mon@nhs.net
POM & Major General 6 Months	
Royal Free Hospital London	marc.wittenberg@nhs.net
University College Hospital London	abigail.whiteman@nhs.net
Royal London	c.pang@nhs.net
Queens Hospital, Romford	ankit.kumar@nhs.net
Major General 6 Months	
Royal Marsden Hospital	sophie.uren@rmh.nhs.uk
Hammersmith Hospital	s.thakrar1@nhs.net
Major General, Research & Management	
Hammersmith Hospital	s.thakrar1@nhs.net
POM 6 Months	
Royal Marsden Hospital	judith.tomlinson@rmh.nhs.uk
Neuroanaesthesia 6 Months – 1 year	
National Hospital for Neurology & Neurosurgery	val.luoma@nhs.net
Charring Cross Hospital	stewart.berry1@nhs.net
Ophthalmic 6 Months	
Moorfields	mariepi.manoliscylwik@nhs.net
ITU/Plastics/Burns 6 Months	
Chelsea and Westminster Hospital	linsey.christie@nhs.net
Acute Pain	
University College Hospital London	victoria.tidman@nhs.net

SIAs in Cardiac and Thoracic Anaesthesia at Harefield Hospital

Unit Supervisor – Dr Ben Silverman (b.silverman@rbht.nhs.uk)

RCOA College Tutor, Department of Anaesthesia and Critical Care, Harefield Hospital

This would be a 1-year attachment in the Department of Anaesthesia and Critical Care and is most suited to the trainee aspiring to a career in cardiac or cardiothoracic anaesthesia. Over the year, the trainee would spend 2 durations, each of 6 weeks, in the Cardiac ICU. The trainee would be able to complete the SIAs in Cardiac and Thoracic anaesthesia within the year.

Harefield is a tertiary adult cardiothoracic centre specialising in complex cardiac and thoracic surgery, including heart and lung transplantation, ventricular assist devices as well as a VA- and VV-ECMO programme. Minimal access cardiac surgery, mitral valve surgery and complex aortic surgery, including a dissection service, provide additional training opportunities. We have a primary PCI service with one of the fastest 'door to procedure' rates in the country and Harefield has one of the largest percutaneous tumour ablation services in Europe. Interventional cardiology services include arrhythmia ablations, PFO closures, TAVIs, MitraClips and complex devices such as ICDs. There is an active pre-assessment, optimisation and perioperative medicine programme for cardiac surgery with plenty of QI project potential.

Trainees can expect an extremely interesting educational attachment with a high level of consultant support, with opportunities to gain experience in advanced cardiac output monitoring, as well as developing skills in transoesophageal echo.

This is a very approachable department, as is consistently borne out by our trainee feedback. We have a rich and diverse teaching programme which is very much consultant led, as well as a new education centre with simulation models and a TOE simulator, including the option of simulating pathology, for more advanced practitioners.

We have a body of in-trust 'human factor' course instructors, aimed at increasing the non-technical skills required in a multi-disciplinary team complex environment.

Regarding cardiac anaesthesia, the placement would provide training in

- anaesthesia for on- and off-pump CABGs, AVRs and combined procedures with decreasing levels of supervision
- anaesthesia for complex valve surgery and aortic surgery
- preoperative assessment and post-operative management in the 7-bed recovery unit or in the Cardiac ICU
- perioperative management of patients with poor ventricular function
- anaesthesia for emergency and elective interventional cardiology, including TAVIs, cardiac electrophysiology and complex devices

- trans-oesophageal echocardiography, with regular training for the EACVI examination and support with building a logbook towards accreditation
- anaesthesia for heart and lung transplantation; with > 80 transplants/year in the hospital there is a great opportunity to gain experience of transplantation as well as post-operative care and mechanical support modalities, including Impellas, VADs and ECMO

Thoracic anaesthesia experience would include

- anaesthesia for VATS, thoracotomies and other thoracic procedures
- perioperative pain management for thoracic surgical patients
- perioperative management of patients with recurrent pneumothoraces
- managing patients for tracheal stents and tumour debulking, including transbronchial procedures

Trainees can engage in the very active teaching programme offered by the Department, including

- Physiology teaching (Mondays)
- TOE teaching (Tuesdays)
- Perioperative teaching (Wednesdays)
- Journal Club (Wednesdays / Fridays)
- ICU Grand Rounds (Thursdays)
- CALS training sessions
- Monthly clinical governance meetings
- Quarterly formal TOE simulation sessions and the option to use the simulator at other times

Trainees are supported and encouraged to complete quality improvement studies and to work on research projects in the Department.

We offer all the experience required in the 2021 RCoA curriculum, but also the chance to really become familiar with complex cardiac cases, heart and lung transplantation and mechanical support in a highly supportive and enthusiastic environment. We have a very active teaching programme and lots of opportunities to be involved in teaching, clinical projects, and quality improvement.

Special Interest Areas in Cardiac and Thoracic Anaesthesia

Barts Heart Centre

Module Lead: TBC

bartshealth.pom-collegetutor@nhs.net

Duration: 6 months to 1 year

The Barts Heart Centre (BHC) was formed in 2015 by the merging of the cardiothoracic services from the London Chest Hospital, St Bartholomew's Hospital and the Heart Hospital @ UCLH, to create the UK's largest cardiothoracic centre.

With state-of-the-art facilities, Barts Heart Centre has 10 operating theatres, 10 catheter labs and over 300 cardiac, vascular and thoracic beds. We perform complex cardiac, aortic, thoracic and cardiological procedures and have a well-established flourishing primary PCI service. The hospital contains 72 critical care beds, over half of which form a cardiothoracic surgical critical care unit, adjacent to theatres. There is in addition a dedicated General ICU, admitting complex surgical patients, cardiology and respiratory patients, oncology and haematology patients, and providing an ECMO service.

This SIA is most suited to the trainee aspiring to a career in cardiothoracic anaesthesia but could also be utilised for those who wish to gain further experience in the management of patients with complex cardiac and respiratory disease. Trainees would be able to complete SIAs in both Cardiac and Thoracic Anaesthesia within a year, and would also have extensive training in Transoesophageal Echocardiography.

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Clinical Aims

A one year SIA would provide training in perioperative care for all of the following:

- Uncomplicated cardiac procedures eg CABG, AVR, enabling you to perform independently
- Complex valvular surgical cases
- Off pump cardiac procedures
- Interventional cardiological procedures eg. TAVIs, Mitraclip, complex coronary intervention
- Complex thoracic and descending aortic surgery
- Adult congenital heart surgery
- Surgery for hypertrophic cardiomyopathy
- Major thoracic surgery, including both thoracoscopic video assisted and robot assisted procedures
- Airway interventional procedures, both diagnostic and therapeutic.

In addition, a trainee would be involved in all aspects of the post operative care of patients, managing their stay on Critical Care and any arising complications. This would include exposure to mechanical circulatory support in the form of VA ECMO.

All of our theatre consultants provide a peri-operative TOE service and there are excellent training opportunities in this modality as well as support to achieve accreditation.

The trainee will participate in an on-call rota for the duration of their placement. The on call commitment will be either in intensive care or on the senior fellow rota, depending on previous cardiothoracic experience.

Non Clinical Aims

We are an extremely active and ambitious department, providing an abundance of opportunities to get involved in education, management, quality improvement, service development and research.

As a minimum, we would expect the following

- Involvement in our teaching programmes, including TOE teaching and Journal Club
- Attendance at Cardiac Anaesthesia Partnership (CAP) which takes place monthly
- Attendance at audit and governance days, held 10 times per year
- Involvement in one quality improvement or service delivery project

We will actively encourage any interest in non-clinical activity and ensure there is adequate SPA time for the trainee to achieve their goals.

ROYAL BROMPTON HOSPITAL

Special Interest Areas for Stage 3: Cardiac Anaesthesia & Thoracic Anaesthesia

RBH NHS Trust make up the largest specialist heart and lung centre in the UK and among the largest in Europe.

Royal Brompton Hospital was founded in 1840 and joined the NHS in 1948.

National Institute for Health Research (NIHR) set up a research unit within the hospital in 2010 and the hospital has always undertaken pioneering and world-class research into heart and lung disease.

Clinical teams at Royal Brompton Hospital care for patients with a wide range of complex cardiac conditions, including congenital (present at birth), inherited and acquired. Our hospitals are world leaders in the diagnosis, management and treatment of lung disease. Our children's services provide care from before a child is born, throughout childhood and into adolescence, before managing a smooth transition to our adult teams.

Contact

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<https://www.rbht.nhs.uk>

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N.Zimbler@rbht.nhs.

What would your clinical exposure consist of?

Six cardiothoracic operating theatres, one of which is a specialist hybrid theatre for combined cardiac/vascular procedures, performing about 1500 cardiac and 2000 thoracic cases per year. Adult, paediatric, neonatal surgery and the largest adult congenital heart disease programme in the UK.

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Five cardiac catheter laboratories use cutting-edge technology to carry out a very broad range of procedures including electrophysiological studies and procedures, trans-catheter replacement of aortic and mitral valve, ASD and PFO closures and other procedures on both adults and children with ACHD and pulmonary hypertension.

Mitral Programme: A group of specialist surgeons and cardiologists provide care for patients with mitral valve disease which includes minimally invasive repairs, tendynes, clips, neocords and replacements and tricuspid valve surgery.

Aortic programme : Brompton has a specialist and dedicated aortic and vascular surgery team which care for patients undergoing surgery to the aortic root, arch and descending aorta, including minimally invasive aortic surgery and emergency aortic surgery.

Congenital Heart Disease and Paediatric Cardiac Surgery:

Thoracic surgery: We have a team of 4 thoracic surgeons operating on adults and children.: We carry out Video Assisted and open thoracotomies for lung resection, lobectomies and pneumonectomy as well as lung volume reduction surgery, and complex procedures which include major thoracic resections, often combined with a visiting plastic surgeon. We have a significant number of large airway interventions including laser treatment and stent insertion.

Every theatre and catheter lab is equipped with a TOE machine and there is an active TOE training programme throughout the hospital. We have a TOE simulator, and we do regular teaching sessions with this.

Post procedure, the patient will go to the 8-bed overnight recovery unit, or one of 3 intensive care units (2 adult, one paediatric/neonatal). You will have exposure to PA catheters, cardiac output monitoring, intra-aortic balloon pumps, and many patients receiving both venous and arterial ECMO. Brompton is one of six commissioned ECMO units in the UK, both for adults and paediatrics.

Your on-call commitment will be to anaesthesia only, as intensive care units are separately staffed. You will however be offered the opportunity to exposure in these areas should you so wish.

Clinical Aims:

During this stage the trainee will obtain the skills to demonstrate:

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- Independent practice for basic adult elective cardiac surgical procedures such as simple CABG and AVR.
- Understanding of management of more complex valve and aortic surgery, with direct supervision.
- Can assess and provide perioperative care for cardiac procedures which don't require cardiopulmonary bypass.
- Can manage patients with biventricular failure perioperatively.
- Can provide anaesthesia for interventional cardiology patients.
- Can provide anaesthesia for emergency post cardiac surgical complications.
- Can provide intensive and high dependency care for the cardiac surgical patient, including the management of mechanical circulatory support.
- Understanding of TAVI (transcatheter aortic valve implantation) and mitralclip procedures.
- Ability to perioperatively manage high risk patients with complex cardiac and respiratory disease and adult congenital heart disease
- Procedural technical skills, invasive monitoring, and perioperative TOE.

Ability to treat intraoperative haemodynamic instability and compromise.

- Ability to manage significant blood loss and intraoperative coagulation derangements guided by bedside functional analysis. (TEG, platelet mapping)
- Develop expertise in peri-operative medicine.
- Obtain exposure to the care of patients undergoing DHCA, left heart bypass, thoracoabdominal procedures.
- Proficiency in lung isolation techniques using bronchoscopic guidance (DLT and bronchial blockers)
- Perioperative care of a wide range of thoracic and large airway surgical procedures, which includes multimodal pain management.

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Academic, Teaching and Management Aims:

Brompton has an active research and audit programme (supported by research staff) which you are encouraged to be involved in.

- You should aim to complete a scientific or quality improvement project aiming to present at a scientific meeting.
- Achieve authorship in scientific journals and/or textbooks.
- Attend weekly TOE meeting
- Attend a weekly morning of academic activities for anaesthesia trainees including journal club, lectures and external tutorials from surgeons, cardiologists etc.
- TOE simulator
- In house CALS (Cardiac Surgical Advanced Life Support) course and other simulator courses run by the hospital (SPRINT simulated interprofessional team training).
- Various MDT meetings: ICU, mitral valve, TAVI, aortic, thoracic, paediatric, ECMO .
- Governance programme including M&M monthly for 1 day each month.
- Grand rounds, varying specialities, monthly

Leadership training: Brompton regularly run a weeklong leadership training course which you would be encouraged to attend.

Summary

Brompton will provide the resources and environment for a broad education and training. You will be supported and encouraged to take on responsibilities tailored to your individual abilities and needs. We think that you will find the specialised training for cardiothoracic anaesthesia challenging, fascinating and enjoyable.

Anaesthesia for Thoracic and Major General Surgery University College London Hospital

Lead Supervisor: Dr Emilie Martinoni Hoogenboom (e.hoogenboom@nhs.net)

University College London Hospital is a tertiary referral centre for cancer surgery including thoracic surgery based at Westmoreland Street Hospital.

Our service performs over 1000 thoracic resection surgery per year and provides tertiary services for patients undergoing complex open, video-assisted and robotic lung surgery, including chest wall, mediastinal and pleural surgery as well as diagnostic bronchoscopy.

A widely recognised dynamic team performs extremely challenging surgery with associated high skills anaesthetic techniques.

Clinical experience

This 6-month SIA offers the opportunity to develop a good understanding of the perioperative journey of patients undergoing major-complex surgery, with the opportunity to take part to pre-assessment clinics and post-operative visits and the existence of enhanced-recovery program. Subject to trainee interest and availability, there may be the possibility, in addition to time spent in thoracic, to attend lists in the upper GI service, where similar skills techniques are applied, and may be offered the opportunity to take part in sessions of interventional bronchoscopy, to complement the experience. We will aim to support the post-holder to address any specific learning needs that they identify.

This placement offers the opportunity to develop a number of specific and transferrable clinical and non-clinical skills in advanced techniques for major-complex surgery including:

- Preoperative assessment and optimisation of high risk patients
- Anaesthesia for major complex procedures
- Experience of shared airway procedures and multidisciplinary communication

This SIA can also be offered as part of a year-long post in combination with SIA placements in Anaesthesia for Major General Surgery and Perioperative Medicine, and Anaesthesia for Bariatric Surgery.

Clinical Skills

- Preoperative assessment of patients undergoing thoracic surgery in a multidisciplinary setting
- Lung isolation techniques : double-lumen tubes and bronchial blockers
- Non-Intubated Thoracic Anaesthesia
- Flexible and rigid bronchoscopy

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- Jet ventilation
- High-flow nasal oxygenation
- Videolaryngoscopy
- Ultrasound-guided regional anaesthesia techniques, including paravertebral blocks, other trunk blocks and thoracic epidurals
- Invasive cardiovascular monitoring
- Management of major haemorrhage
- Total Intra Venous Anaesthesia

Non-Clinical Opportunities

Research/QI/Audit

UCLH is a world-renowned academic clinical institution. Trainees will be encouraged to participate in projects under the supervision of a consultant anaesthetist. They will be encouraged to initiate at least one research/quality improvement/audit project(s) and participate in departmental academic activities. Current projects include the running and evaluation of an enhanced recovery pathway in thoracic and upper GI surgery, the Perioperative Quality Program (PQIP), and robotic thoracic surgery.

Trainees are encouraged and supported to complete their projects. Previous post-holders have attended and presented their work at regional, national and international meetings.

Education and Teaching

Teaching is a core component of the placement and trainees will have the opportunity to provide teaching to undergraduates, postgraduates and allied health professionals.

The department has a well-established weekly teaching programme from which the fellows can benefit from, learning the topical issues and relevant literature. They will be encouraged to present at these meetings.

Our department also runs an well-established and active multidisciplinary course for thoracic anaesthesia and lung isolation with lectures, workshops and simulation, in which the post-holder will be expected to lead as a key person on the faculty.

Our monthly meeting on airway management (Airway Hub) covers thoracic anaesthesia topics, and trainees will be encouraged to participate as faculty and organisers.

All SIA residents will be placed on one of the four registrar on-call rotas at UCH, which can include covering obstetrics.

Paediatric Anaesthesia

Great Ormond Street Hospital for Children – 6-month SIA

College Tutors & Unit Supervisors: Ellen Rawlinson

ellen.rawlinson@gosh.nhs.uk

Background

- Great Ormond Street Hospital for Children NHS Trust (GOSH) is a national centre of excellence in the provision of specialist children's health care, currently delivering the widest range of specialist care of any children's hospital in the UK. It is the only specialist Biomedical Research Centre for paediatrics, the largest centre in the UK for children with heart or brain problems, and the largest centre in Europe for children with cancer. It works in partnership with the UCL Institute of Child Health (ICH), part of University College London, and together they form the largest paediatric research and teaching centre in the UK. The hospital at Great Ormond Street is the only exclusively specialist children's hospital in the UK and it covers all specialties except Burns and Liver Transplantation. There are many opportunities for research and academic teaching. The hospital receives over 275,000 patient visits (inpatient admissions or outpatient appointments) a year and carries out approximately 19,000 operations each year. The hospital has 389 patient beds, including 48 intensive care beds.
- The anaesthetic department has between 30-35 trainees at any one time, the majority of whom are appointed for one year. Approximately half of the trainees are on 6/12 months' rotational appointments from the Schools of Anaesthesia within London and the East of England. The other half are national and international Trust Fellows on 12-month posts.

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- The on-call rota is 1:12 and has two tiers of trainees which ensures good support and increases the opportunity for daytime working on elective lists with consultant supervision.
- The Association of Paediatric Anaesthetists of Great Britain and Ireland website has many useful
- resources on training in paediatric anaesthesia (<http://www.apagbi.org.uk>).

Clinical Aims:

- GOSH is a quaternary referral hospital, dealing with complex children with multiple comorbidities. Paediatric anaesthesia is a consultant led service and trainees should expect a high level of direct supervision especially in their first few months. Towards the end of the 6-month placement and with appropriate consultant support, trainees will be allowed to assume the role of lead clinician for some elective and emergency cases/lists.
- At GOSH we offer our 6-month SIA trainees modular training in the paediatric anaesthesia sub-specialties relevant to the district general hospital anaesthetist with a regular commitment to children's anaesthesia. This will ensure a broad training in paediatric anaesthesia including neonates, difficult airway, general surgery, urology, plastics, renal, ENT, haem-onc, imaging and emergencies. In addition to the standard specialty blocks we aim to individually tailor training to the special interest areas of each trainee towards the end of the six months.
- Provided Stage 1 and 2 aims have been met prior to joining us, trainees on a 6-month SIA post at GOSH will be able to achieve the learning outcomes and key capabilities to practice paediatric anaesthesia in a non-tertiary setting. Our high standard of training in paediatric anaesthesia will equip them with the knowledge, skills, confidence, and framework to anaesthetise children in both elective and emergency situations.
- Following completion of the 6-month SIA the trainee would be expected to be able to:
 - Provide safe perioperative anaesthetic care for a wide variety of surgical/medical/radiological paediatric procedures performed in the DGH

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environment independently.

- Provide safe anaesthesia in both the emergency and elective setting using techniques to reduce anxiety in all ages.
- Deliver safe perioperative care to all paediatric patients requiring surgery in a district
- general setting, including those with complex co-existing disease.
- Gain arterial, intraosseous, peripheral, and central vascular access in children and babies.
- Use a wide range of analgesic strategies peri-operatively including simple regional techniques for surgeries routinely performed in a district general hospital setting.
- Manage massive transfusion in children.

Academic and Management Aims:

- Trainees are expected to take part in at least one audit/QI project during their time at GOSH and present at least one anaesthetic academic breakfast meeting.
- Consultants in the department will encourage and support trainees with research/QI/audit projects. Funding may be available for some projects.
- Annual Research Prize Evening for Anaesthesia Trainees:
 - The aim of the prize is to recognise, encourage and reward excellence in non-clinical work performed at Great Ormond Street Hospital by trainees.
 - Eligible projects are: Original Research, Reviews, Audit, Surveys, Case Reports or Series, and Letters.
- Attendance at study days, courses and appropriate regional, national and international meetings related to paediatric anaesthesia (including those of the Association of Paediatric Anaesthetists) is encouraged.

Teaching:

- Protected anaesthesia teaching includes:

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- Weekly one-hour breakfast meeting. The programme includes presentations by trainees, morbidity meetings, department audit, journal club and presentations by guest lecturers.
- Twice monthly two-hour programme of tutorials for anaesthesia trainees.
- Weekly 30 minutes 'Cardiac Building Blocks' teaching lead by Dr Lucy Hepburn (paediatric cardiac anaesthetist) and 1 month a year 'Paediatric anaesthesia Building Blocks' led by senior Trust Fellows.
- Protected teaching time and a programme of tutorials for those trainees rotating to intensive care.
- There is a departmental WhatsApp Journal Club that everyone is welcome to contribute to. Trainees are asked to present and appraise a paper.
- There is a small departmental library and a larger library in the Institute of Child Health.
- There are many other teaching sessions available to employees in the Trust coordinated by the Postgraduate Medical Education department. Information is widely available in the Trust intranet. Look out for Grand Rounds, Building Blocks sessions, ICU, Respiratory and Cardiac teaching sessions, trust based and London Deanery Education courses.
- The GOSH Clinical Simulation Centre offers a wide range of multidisciplinary courses for all healthcare professionals both clinical and non-clinical including the Managing Emergencies in Paediatric Anaesthesia (MEPA) course. Dr Linda Chigaru (CATS and Anaesthetic Consultant) is the Education Lead for Clinical Simulation and Dr Pratheeban Nambyiah (Consultant Anaesthetist) is the Educational Lead for Simulation Development.
- Trainees are encouraged to use their study leave to attend relevant educational courses and meetings

Chelsea & Westminster Hospital

Paediatric Anaesthesia (6 months)

Supervisors: Dr Seth Galton & Dr Ami Kotecha

General Information:

The Chelsea & Westminster Hospital NHS Foundation Trust is one of the top ranked and best performing trusts in the UK and is the lead referral centre for specialist paediatric and neonatal surgery in North West London. The friendly and supportive group of 14 paediatric consultant anaesthetists provide more than 5,000 anaesthetics per year in a dedicated paediatric theatre suite with five operating theatres.

Clinical services:

- Busy paediatric ED which has more than 40,000 attendances per year
- Inpatient beds allow us to provide care for children of all ages with complex medical and surgical issues
- Regional paediatric burns Service with six inpatient beds
- Critical care services
 - 37 cot NICU which is the regional surgical referral centre
 - 12 bed HDU which provides level 2 care (including non-invasive ventilation)
 - No PICU on site and approximately 50 children per year are retrieved by CATS
- Interventional and diagnostic radiology service under GA
- Preoperative Assessment Service
- Acute Pain Service

Expected Clinical Experience:

- The post is ideally suited for a trainee wanting to develop the knowledge & skills to practice and potentially lead paediatric anaesthesia in a non-tertiary setting. You will be supported in achieving the capability requirements for completion of an SIA in paediatric anaesthesia as set out by the RCOA.
- Exposure to the perioperative care of a wide variety of patients from complex neonatal emergency surgical patients to the elective management of adolescents with severe autistic spectrum disorder for dental surgery.
- Surgical specialities include ENT, urology, general surgery, orthopaedics & trauma, plastics (including congenital hand surgery), burns, dental, maxillo-facial, ophthalmic, gastroenterology and remote site (MRI/ interventional radiology).
- Operating lists will be supervised by consultant trainers but as the block progresses there will be opportunities to run appropriate paediatric lists independently.

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- You will gain confidence in:
 - The emergency care of sick children for surgery & stabilisation of the critically unwell child for retrieval from the emergency department, HDU or the wards
 - Management of the difficult paediatric airway
 - Pain management in children
 - Regional anaesthesia
 - Paediatric TIVA
- You will have the opportunity to attend preoperative assessment clinics and paediatric acute pain ward rounds and gain a greater understanding of the importance of thorough psychological preparation of the child and their carers prior to surgery.
- There is some flexibility within the post to allow exploration of areas of interest of the post holder.
- Out of hours, you will be expected to take part in a 1:8 WTE resident on call rota where you will be able to develop your skills in managing paediatric emergencies and maintain your skills in the perioperative care of adults requiring surgery. You will be working with the trainee in theatres to manage the out of hours surgical workload and supporting the trainee on Labour Ward.

Non-clinical skills:

- We are committed to supporting you develop your personal interests while you are with us whether they lie in teaching, quality improvement, management or research.
- 12 days per six months allocated to support non-clinical work.
- There is an active paediatric anaesthetic teaching programme that the post holder is encouraged to take a lead in, including:
 - Regular MDT simulation sessions
 - Monthly educational meetings
 - Organising regional study days
 - Tea trolley practical sessions
 - Case-based exam teaching for trainees
 - MDT teaching for ODPs, recovery and ward nurses
- It is expected that the post holder will lead at least one project, whether this be education, quality improvement, governance or research initiative within the Trust and submit the findings for publication. There are many projects already running in the department covering a broad range of topics, but support would be provided for a project initiated by the postholder.

Further information: Dr Seth Galton seth.galton@nhs.net

RLH PAEDS SIA

6 months, Paediatric Anaesthesia

Background:

The Royal London hospital is one of the largest and busiest in London, serving a diverse local community and providing specialist services for the wider region. Paediatrics has a dedicated theatre unit with 4 operating theatres, recovery and associated wards., and a paediatric dental suite. We also deliver anaesthesia in the MRI and CT, interventional radiology and endoscopy and are developing a paediatric pre-operative assessment service.

We have a 37 bedded neonatal unit and provide a regional neonatal surgical service for NE London and parts of Essex and Hertfordshire.

The Trust is a major trauma centre; in the last five years, we have attended 350 paediatric trauma calls per year. We have tertiary paediatric respiratory, gastroenterology, neurology, neonatal (including the regional neonatal transport unit) and tertiary paediatric general surgery, ENT, plastics, orthopaedics and eye surgery.

We provide various forms of structured training to the trainees from the School of Anaesthesia during their paediatric block- a weekly evidence-based journal club, a weekly governance meeting and weekly case-based teaching. There is opportunity to be involved in paediatric simulation and delivery of

courses for the FRCA. There are opportunities for research and audit We host an International Paediatric Anaesthesia Education Day every November.

Rota: 1 in 8 to 1 in 10 paed

The module will consist of clinical experience as detailed below, paediatric anaesthetic on-call, and one non-clinical day a week reserved for projects and educational activities.

Training objectives:

- Achieve competence in recognizing, managing and transferring a sick child
- Comfortably provide peri-operative care to children of all ages, including neonates and those with significant co-morbidity for a range of surgeries. This should include MLBs, hernia repair in an infant, pyloromyotomy and orthopaedic surgery for children with cerebral palsy, plus a broad range of other cases
- Gain the skills required for management of the paediatric difficult airway including the use of video and fibre-optic laryngoscopy
- Understand and provide acute pain management for a range of surgeries, including some regional techniques
- Compassionately facilitate treatment for children who are unable to co-operate with care owing to anxiety or learning disability, including an understanding of non-pharmacological techniques
- Run a paediatric list independently
- To complete a QI project during the 6-month placement

- Demonstrate competence at teaching through simulation, tutorial modalities and clinical supervision

Clinical Experience:

- Supervised lists in theatre, progressing to independent practice where appropriate
- Emergency care for children including emergency surgery, trauma calls and paediatric arrests, and management of the sick child in the ED
- Paediatric pain rounds
- Paediatric pre-assessment clinic and pre-operative MDTs
- PCCU sessions can be incorporated if desired

Governance, QI and teaching:

- Weekly journal club meeting
- Weekly governance meeting
- Opportunities to be faculty on Sim courses for paediatric emergencies and trauma, and to deliver local in situ sim training
- Opportunities for formal teaching on courses for FRCA and ODPs
- Opportunities to supervise more junior trainees as competence and confidence develops
- QI projects within the department
- Participation in national studies and audits.

Further Information:

Dr Monica Naik (monica.maik@nhs.net), Dr Corinne Stannard (corinne.stannard@nhs.net), module leads.

Paediatric Anaesthesia

Evelina London Children's Hospital

Unit Supervisor: Dr Tahzeeb Bhagat
Email: Tahzeeb.Bhagat@gstt.nhs.uk

Background:

- Evelina London Children's Hospital (ELCH) is one of the two specialist children's hospitals in London. Although the doors of the new purpose-built building opened in 2005, Evelina London's history dates back to 1869.
- ELCH is part of Guy's and St Thomas' NHS Foundation Trust and provides teaching hospital facilities for London South Bank University and King's College London School of Medicine.
- Evelina also provides specialist services for heart and lung conditions at Royal Brompton Hospital.
- ELCH provides comprehensive health services from before birth, throughout childhood and into adult life with a vision to be a world leading centre of life-changing care for children, young people and their families.
- Based in a stunning purpose-built building at St Thomas' hospital, ELCH includes:
 - 215 inpatient beds, including 30 intensive care beds
 - 46-cot neonatal unit
 - 6 operating theatres and 2 catheter lab, plus 2 cardiac theatres in East Wing, St Thomas'
 - a full children's imaging service with 2 MRI scanners, x-ray and ultrasound
 - Stand-alone Day Case Unit with two operating theatres.
- ELCH provides care for over 104,000 families a year and is the first children's hospital in the UK to be rated as 'Outstanding' by the Care Quality Commission.
- The Paediatric Anaesthetic Group at ELCH has 35 consultants who between them provide approximately 10,000 Anaesthetics every year. Just less than half the patients are under the age of five and 200 are neonates. There is a large cardiac surgery service including cardiac MRI and catheter lab. Other services include cleft, nephro-urology (including renal transplantation), ENT (including specialist airway surgery), orthopaedic/spinal, ophthalmic, dental surgery and neonatal surgery as well as thoracoscopic procedures and laparoscopic surgery.
- Anaesthetic services include a Pre-assessment Clinic and an Acute Pain Service.

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- Evelina PICU is the lead centre for paediatric intensive care in the south-east region and home of the South Thames Retrieval Service (STRS), a transport service for all critically ill children south of the river Thames. STRS receives over 1,800 referrals a year, moves around 900 children between hospitals and provides training and simulation courses to partner hospitals. PICU has approximately 1200 admissions per year of which 40% are cardiac.
- ELCH has one of the largest neonatal units in England, caring for 1,000 babies a year and providing 5,000 intensive care days. NICU is co-located with maternity services at St Thomas' and provides specialist care for babies with complex problems (including cardiac, surgical & neurological conditions).
- We are pioneering new techniques using imaging to diagnose congenital heart defects and catheter interventions to treat them. We're the 2nd largest centre for children born with a single ventricle and have the 3rd largest children's cardiac surgical programme in England. Our 'world firsts' include the MRI-guided children's heart valve procedure.
- Working with our urology and bladder services, we are the primary transplant and dialysis centre for a population of over 9 million people. Our patients have won the British Transplant Games 'Best Kidney Team' for 8 of the last 11 years.
- We also provide surgery for insertion of deep brain stimulators as part of complex motor /neuro disability service.
- Our busy Emergency Department receives around 24,000 visits from children per year under the age of 17 years.

Clinical Aims:

- We have 6 advanced/SIA training posts of six months duration. Three of these posts include a two-month PICU rotation whilst the others are solely based in Paediatric anaesthesia.
- The PICU rotation includes shifts with STRS- South Thames Retrieval Service.
- *The overall clinical aims are to:*
 - Gain confidence in managing a wide range of complex Paediatric surgical cases, including managing sick premature neonates for surgery, as well as children and neonates with complex co-existing diseases for surgery.
 - Be able to communicate effectively and compassionately with children and young people, parents/carers and with the paediatric medical teams.
 - Be able to utilise time allocated to paediatric sessions effectively without compromising safety.
 - Be able to lead the paediatric multidisciplinary team and work effectively as a team member.
 - Become familiar with issues of child protection and consent.
 - Be able to do appropriate lists independently (with distant supervision) by the end of the training.

Academic and management aims:

- You are expected to take part in an audit/quality improvement project during the six months and will be e-mailed within the first few weeks of starting regarding available projects.
- You are expected to present the project at one of the anaesthetic and/or Evelina hospital forums.

Teaching:

- *Educational Meetings* – These are held weekly.

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- *Perioperative M&M Meetings* – These are held quarterly from 8-9 am.
- *GSTT educational website* – This is updated regularly with information about all anaesthetic educational activities in the trust (<http://www.gsttanaesthesiaedu.com>).
- *Simulation*- regular paediatric Skills and Simulation which is a full day multidisciplinary course.

Paediatric Anaesthesia

Great Ormond Street Hospital for Children – 12-month SIA

College Tutors & Unit Supervisors: Ellen Rawlinson
ellen.rawlinson@gosh.nhs.uk

Background:

- Great Ormond Street Hospital for Children NHS Trust (GOSH) is a national centre of excellence in the provision of specialist children's health care, currently delivering the widest range of specialist care of any children's hospital in the UK. It is the only specialist Biomedical Research Centre for paediatrics, the largest centre in the UK for children with heart or brain problems, and the largest centre in Europe for children with cancer. It works in partnership with the UCL Institute of Child Health (ICH), part of University College London, and together they form the largest paediatric research and teaching centre in the UK. The hospital at Great Ormond Street is the only exclusively specialist children's hospital in the UK and it covers all specialties except Burns and Liver Transplantation. There are many opportunities for research and academic teaching. The hospital receives over 275,000 patient visits (inpatient admissions or outpatient appointments) a year and carries out approximately 19,000 operations each year. The hospital has 389 patient beds, including 48 intensive care beds.
- The anaesthetic department has between 30-35 trainees at any one time, the majority of whom are appointed for one year. Approximately half of the trainees are on 6/12 months' rotational appointments from the Schools of Anaesthesia within London and the East of England. The other half are national and international Trust Fellows on 12-month posts.
- The on-call rota is 1:12 and has two tiers of trainees which ensures good support and increases the opportunity for daytime working on elective lists with consultant supervision.
- The Association of Paediatric Anaesthetists of Great Britain and Ireland website has many useful
- resources on training in paediatric anaesthesia (<http://www.apagbi.org.uk>).

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Clinical Aims:

- GOSH is a tertiary referral hospital, dealing with complex children with multiple comorbidities. Paediatric anaesthesia is a consultant led service and trainees should expect a high level of direct supervision especially in the first few months of their time at GOSH. With time and with appropriate backup by consultants, trainees will be allowed to assume the role of lead clinician for simple elective lists and emergency work by the end of the 6-months and more complex lists by completion of the 12-month post.
- At GOSH we offer our 12-month SIA trainees modular training in the paediatric anaesthesia subspecialties relevant to the paediatric anaesthetist practising in a tertiary centre. Modular training ensures dedicated training time on elective lists in all paediatric subspecialties including cardiac, spines, neurosurgery and craniofacial. In addition to the standard specialty blocks we aim to individually tailor training to the special interest areas of each trainee towards the end of the six months.
- Provided Stage 1 and 2 aims have been met prior to joining us, trainees on a 12-month SIA post at GOSH will be able to achieve the learning outcomes and key capabilities to practice paediatric anaesthesia in a tertiary setting. Our high standard of training in paediatric anaesthesia will equip them with the knowledge, skills, confidence, and framework to anaesthetise children in both elective and emergency situations.
- Following completion of the 12-month SIA the trainee would be expected to be able to:
 - Provide safe perioperative anaesthetic care for a wide variety of paediatric procedures performed in the DGH environment independently.
 - Provide safe anaesthesia in both the emergency and elective setting utilising techniques to reduce anxiety in all ages.
 - Deliver safe perioperative care to all paediatric patients requiring surgery in a district general setting, including those with complex co-existing disease.
 - Gain arterial, intraosseous, peripheral, and central vascular access in children and babies.
 - Uses a wide range of analgesic strategies peri-operatively including simple regional techniques for surgeries routinely performed in a district general hospital setting.

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- Manages massive transfusion in children.
- Provide safe perioperative anaesthetic care for a wide variety of complex paediatric (including neonates) surgery and other procedures independently.
- Be capable of leading the delivery of care in this area of anaesthetic practice, to the benefit of both patients and the organisation.
- Deliver safe perioperative care to all paediatric patients requiring surgery in tertiary paediatric setting including those with complex co-existing disease.
- Use a wide range of analgesic strategies peri-operatively for complex paediatric patients requiring major surgery.

Academic and Management Aims:

- Trainees are expected to take part in at least one audit/QI project during their time at GOSH and present at least one anaesthetic academic breakfast meeting.
- Consultants in the department will encourage and support trainees with research/QI/audit projects. Funding may be available for some projects.
- Annual Research Prize Evening for Anaesthesia Trainees:
 - The aim of the prize is to recognise, encourage and reward excellence in non-clinical work performed at Great Ormond Street Hospital by trainees.
 - Eligible projects are: Original Research, Reviews, Audit, Surveys, Case Reports or Series, and Letters.
- Attendance at study days, courses and appropriate regional, national and international meetings
- related to paediatric anaesthesia (including those of the Association of Paediatric Anaesthetists) is encouraged.

Teaching:

- Protected anaesthesia teaching includes:
 - Weekly one-hour breakfast meeting. The programme includes presentations by trainees, morbidity meetings, department audit, journal club and presentations by guest lecturers.
 - Twice monthly two-hour programme of tutorials for anaesthesia trainees.
 - Weekly 30 minutes 'Cardiac Building Blocks' teaching lead by Dr Lucy Hepburn (paediatric cardiac anaesthetist) and 1 month a year 'Paediatric anaesthesia Building Blocks' led by senior Trust Fellows.
 - Protected teaching time and a programme of tutorials for those trainees rotating to

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intensive care.

- There is a departmental WhatsApp Journal Club that everyone is welcome to contribute to. Trainees are asked to present and appraise a paper.
- There is a small departmental library and a larger library in the Institute of Child Health.
- There are many other teaching sessions available to employees in the Trust coordinated by the Postgraduate Medical Education department. Information is widely available in the Trust intranet. Look out for Grand Rounds, Building Blocks sessions, ICU, Respiratory and Cardiac teaching sessions, trust based and London Deanery Education courses.
- The GOSH Clinical Simulation Centre offers a wide range of multidisciplinary courses for all healthcare professionals both clinical and non-clinical including the Managing Emergencies in Paediatric Anaesthesia (MEPA) course. Dr Linda Chigaru (CATS and Anaesthetic Consultant) is the Education Lead for Clinical Simulation and Dr Pratheeban Nambyiah (Consultant Anaesthetist) is the Educational Lead for Simulation Development.
- Trainees are encouraged to use their study leave to attend relevant educational courses and meetings.

SIA Obstetrics

Queen Charlottes & Chelsea Hospital — 6 months

Module Lead: Jeremy Campbell jeremy.campbell@nhs.net

Queen Charlotte's & Chelsea Hospital is a tertiary referral maternity unit with a nationally renowned centre for foetal care and has the largest neonatal intensive care unit in the country. The labour ward has two fully equipped operating theatres adjacent to high-dependency care facilities. It includes a delivery suite, a birthing centre, ante- and postnatal and gynaecology wards. Anaesthetic trainees have the opportunity to be involved in a wide variety of complex elective and emergency obstetric cases, as well as to attend high risk obstetric anaesthetic and obstetric medicine clinics and ward rounds.

The hospital has a specialist maternal medicine unit, recognising that a need existed for specialist care to be offered to pregnant women who suffered from pre-existing medical conditions, or conditions that developed during pregnancy, whose treatment might impact upon the pregnancy. The unit is known as the de Swiet Obstetric Medicine Centre, and is currently housed in a small suite of rooms on the second floor of the hospital

Queen Charlotte's & Chelsea Hospital is also home to the West London Gynaecological Cancer Centre and during their placement, trainees can gain experience in anaesthesia for major gynaecology surgery including multivisceral resection procedures for advanced ovarian cancer.

Number of deliveries: Around 6000 per annum

Surgical specialties: Obstetrics, gynaecology

There are numerous teaching opportunities at QCCH. These include:

High risk obstetric anaesthetic clinic: weekly

Anaesthetic journal club/case report meeting: weekly

Obstetric medical meeting: every Tuesday morning

Obstetric medicine ward rounds: daily

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Obstetric medicine clinics: these happen daily and include cardiac, haematology, renal, liver and endocrine clinics

CTG teaching meeting: every Friday

Management meetings: these include clinical risk management, quality and safety and guidelines meetings

A Postgraduate Forum involving the whole of the Women and Children's Directorate occurs monthly.

Trainees undertaking advanced obstetrics training also have the opportunity to shadow obstetricians, attend neonatal ward rounds and observe obstetric ultrasound and Doppler scanning of foetal well-being.

Trainees are also encouraged to gain some administrative and management experience through attendance at clinical risk management meetings, rota organisation and teaching junior anaesthetic trainees and labour ward staff.

There is an active audit and quality improvement programme at QCCH and all trainees are encouraged to complete a QI or audit project whilst at QCCH, and to present it at the Trust's clinical governance meeting.

Trainees are encouraged to attend national meetings/courses relevant to obstetric anaesthesia. These include the OAA Annual Meeting, the OAA Three Day Course in Obstetric Anaesthesia, and launch meetings for the UK Confidential Enquiries into Maternal Death and Morbidity (MBRRACE-UK).

Every effort is made to grant and fund study leave and priority is given to courses and meetings relevant to obstetric anaesthesia.

Obstetric Anaesthesia SIA

Royal London Hospital

Module Lead:

Dr Sarah Wray (Royal London Hospital)

sarah.wray6@nhs.net

The aim of this SIA is to prepare those with a special interest in Obstetric Anaesthesia to be capable of taking up a consultant post with Obstetric Anaesthetic sessions.

Post duration: 6-months.

Background

- The Royal London Hospital (RLH), part of Barts Health NHS Trust, is a large, multi-specialty, NHS teaching hospital in Northeast London. There are approximately 5000 deliveries a year at the Royal London Hospital, with a rising birth rate. Outcome measures are among the very best in London, with a low Caesarean section rate of under 30%, even with the high number of complex and high-risk deliveries. The main delivery suite incorporates 31 high and low risk rooms and 2 dedicated Obstetric operating theatres. A 4-bedded Obstetric HDU/recovery area is staffed with specially trained midwives plus nurses with a critical care background. We have strong ties with other critical care facilities in the Trust, and as such look after women who previously would have had to be looked after in the Critical Care Unit.
- The RLH Obstetric Anaesthetic department consists of 12 consultants, a full-time trainee in advanced Obstetric Anaesthesia, and we provide training in all levels of Obstetric Anaesthesia

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competency. There are currently 3 full-day elective Caesarean lists per week. Consultant Obstetric Anaesthetists provide resident cover to the Delivery Suite 8am-8pm on weekdays and 8am-6pm at

- weekends, outside of these hours there is a resident Obstetric Anaesthetic registrar, supported by the general Anaesthetic consultant on-call.
- The RLH Obstetric unit has been designated the Maternal Medicine Centre for a network extending through NE Thames to Essex, as the tertiary referral centre for high risk and complex pregnancies. We currently have the highest rate of deliveries for morbidly adherent placentas in the UK and are in the process of applying to NHS England to become a commissioned Abnormally Invasive Placenta centre. As a Maternal Medicine Centre, we manage mothers with a wide range of medical co-morbidities. The Royal London is a national centre for renal disease in pregnancy, and sub-specialty high risk antenatal clinics are held for women with Cardiac, Haematological, Rheumatology and Neurological problems. Separate to these clinics, a weekly dedicated high risk antenatal Anaesthetic clinic is held. In 2020, a consultant Obstetric Physician was appointed to support the expanding maternal medicine workload. 2021 will see the launch of a new Intra-Uterine Transfusion service.

Clinical Aims

- Gain competency in the provision of safe and effective anaesthetic care to patients undergoing complex obstetric deliveries/procedures, including:
 - Anaesthetic management of delivery for parturients with cardiac disease
 - Anaesthetic management of delivery for parturients with placenta accreta/percreta
 - Anaesthetic management of delivery for bariatric parturients
 - Parturients requiring HDU care, including support of the MDT in delivery of safe HDU care
- Gain experience in the management of a busy labour ward and elective and emergency obstetric theatre sessions, and in doing so demonstrating the necessary multi-disciplinary leadership, communication and team-working skills necessary to ensure the care delivered is safe and timely, benefiting both the patient and the organization
- Develop independent practice for complex obstetric cases and for obstetric list management

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- Anaesthetic assessment and pre-operative MDT planning for complex deliveries
- Attendance at the high-risk obstetric anaesthetic clinic, cardiac obstetric MDT clinic and obstetric medicine clinics
- Competence in the use of neuraxial ultrasound to facilitate regional anaesthesia
- Competence with other regional techniques (TAP and quadratus lumborum blocks)
- Maternal resuscitation
- Neonatal resuscitation and basic CTG/fetal blood gas analysis 
- Communicate effectively with all members of the maternity team, and with women and their partners:
 - Effectively explain anaesthesia choices to high-risk patients and address risks/benefits of the choices
 - Communicate effectively with the midwives and obstetricians particularly in high risk and emergency situations
 - Maintain effective written documentation as required
- Anaesthetic management of pregnant women with fetal abnormalities and fetal loss
- Anaesthetic management of regional anaesthesia complications, such as dural puncture headache and neuropraxia
- Detailed understanding of anatomy, physiology, biochemistry and pharmacology relating to pregnancy
- Participate in the obstetric anaesthetic registrar on-call rota on a shift basis (1:9)

Academic and Management Aims

- You are expected to be a member of the Obstetric Anaesthetists' Association (OAA)

Design and conduct an audit or QI project, with the aim of publication/presentation locally and nationally

- Participate in on-going departmental research

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- Produce 1-2 case reports on complex obstetric cases, with the aim of presenting them at national/international scientific meetings
- Attendance and involvement in the following managerial meetings:
 - Consultant Obstetric Anaesthesia Group Meetings
 - Labour Ward Forum
 - Obstetric HDU Forum
 - Clinical Risk Management Meetings
- Gain experience in business case applications, and writing clinical guidelines
- Recommended courses for advanced obstetric anaesthesia trainees:
 - OAA 3 Day Course in Obstetric Anaesthesia and Analgesia (November)
 - OAA Annual Scientific Meeting (May)
 - MOET course
 - Neonatal Resuscitation Course

Teaching Aims

- Clinical supervision of CT2/CT3 anaesthetic trainees undertaking their basic obstetric anaesthesia competencies
- Multi-disciplinary teaching on our local PROMPT course
- Organise and participate in teaching of obstetric topics relevant to pre- and post-fellowship anaesthetic trainees within the department
- Education of midwives in managing labour epidural analgesia, on their local Study Days
- Organise and facilitate multi-disciplinary emergency drills on the Labour Ward
- Facilitate in the Simulation Centre, teaching Obstetric focused courses, including OATS and MACC
- Education of pregnant women in antenatal pain relief classes

On-call commitments

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- o 1 in 8 to 1 in 10 resident on-call rota covering theatres for 3 months and obstetrics for 3 months

Obstetric Anaesthesia

University College London Hospitals

Lead supervisors: Dr Sam Bampoe (sohail.bampoe@nhs.net)
Dr Janis Ferns (janis.fern1@nhs.net)

This clinical Specialist Interest Area (SIA) unit of training is for ST6/7 trainees who wish to develop their experience in obstetric anaesthesia as a subspecialty.

University College London Hospitals NHS Foundation Trust (UCLH) is one of the most complex NHS trusts in the UK. This 6- or 12-month post will allow extensive exposure to anaesthetic clinical, research and educational practice in a busy tertiary referral obstetric unit with >7000 deliveries each year. Clinical work will be based in the Elizabeth Garrett Anderson Wing of University College Hospital. It is a referral centre for patients with high-risk obstetric conditions, with neurological, cardiac disease and abnormal invasive placenta amongst the frequent comorbidities managed. It is also the local maternity unit for the surrounding central London area which serves a large and diverse population. Care is delivered by a varied, integrated and comprehensive multi-disciplinary team bringing together clinicians from many specialities.

We have been running successful clinical obstetric advanced training for many years, with many of our previous post-holders going on to work within this sub-speciality area.

Clinical work

- Elective caesarean sections are carried out 5 days a week, with sessions dedicated to the placenta accreta service and fetal surgery as the need arises.
- The labour ward has 13 individual labour ward rooms, a 4 bedded close observation unit for at risk ante-natal and post-natal women, and two operating theatres. We provide 24-hour anaesthetic cover, with anaesthetic consultants on site 8-9.30pm weekdays, 8-4pm weekends. There is a midwife-led birthing unit for low-risk deliveries.
- There is a high-risk anaesthetic antenatal clinic once a week and trainees will have dedicated time during their placement to contribute to the perioperative management of obstetric patients.

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- There is a weekly Obstetric MDT meeting to discuss complex cases, which trainees will be able to attend.

The placement also offers the opportunity to develop advanced sonography techniques for ultrasound of the spine, and regional blocks relevant to obstetrics.

Research / QI / Audit

- UCLH obstetric anaesthesia department has a strong record of training and achievement in innovation, academic and research practice. There is a strong training focus on perioperative care for maternity patients, including enhanced recovery and improvement of models for surveillance and intervention in medically complex ante- and post-natal patients.
- The post holder is expected to undertake at least one obstetric related audit or QIP project.
- They will have the opportunity to set up / contribute to research projects, under the supervision of one of the consultants.
- Recent and current research projects include investigation of intravenous iron to treat antenatal anaemia, development of validated quality of recovery scores for post-operative maternity patients and national epidemiological studies of accidental awareness during general anaesthesia for obstetric surgery.
- There is an expectation that the fellow will oversee & contribute to Trust obstetric related guidelines & similar when required.

Previous trainees have presented projects at national and international conferences such as the OAA annual meeting.

Teaching / Education

- Our department is focused on delivering teaching in a variety of formats to members of the MDT and it is expected that the trainee will be actively involved in a variety of teaching activities whilst in post.
- This can include junior trainee teaching, educating midwives to supporting MDT training and developing as a simulation facilitator for the regional OATS (obstetric anaesthesia simulation) course.
- There is an expectation that the post holder will present at the monthly obstetric anaesthesia research/QI/education meeting during their time at UCH

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- All SIA residents will be placed on one of the four registrar on-call rotas at UCH, which can include covering obstetrics.

SIA Post in Obstetric Anaesthesia: Chelsea & Westminster Hospital

Lead Supervisor: Dr Richard George (richard.george1@nhs.net)

This 6-12 month SIA will prepare you for a career as a consultant with a subspecialist obstetric anaesthesia interest.

Background

Chelsea & Westminster Hospital is a busy NHS teaching hospital in North West London. We are a large, high risk obstetric unit, with approximately 6000 deliveries per year and a very active maternal medicine unit. Specialist obstetrics in the Trust includes a cardiac service with close links to the Royal Brompton Hospital (approximately 100 patients with complex cardiac disease deliver annually at Chelsea), a tertiary abnormal placentation service as well as a Level 3 NICU and neonatal surgery service.

There are 2 dedicated obstetric operating theatres, a 9 bedded delivery suite, a 5 bedded recovery/HDU, an adjacent midwifery lead birthing suite, a private maternity unit and antenatal and postnatal wards, all situated on 1 floor within the hospital.

As a department, we have been running advanced training in obstetric anaesthesia for many years, with the vast majority of previous post holders successfully securing consultant posts in this subspecialist area.

Most clinical duties and on calls will be within maternity but there will be the option to do operating lists in other areas to maintain skills and for training. There will be a degree of flexibility depending on your training needs.

There is a 1:8 labour ward on call rota and out of hours support is provided by a second senior resident and the general on call consultant. There are 2 consultants present each day and also a resident consultant until 9pm 2-3 evenings/week.

Clinical

- Elective caesarean sections- you will be supported to run the day to day elective caesarean list service. These run all day 5 days a week. Responsibilities will include list organisation as well as direct clinical care on these lists.
- Emergency obstetric care – you will gain regular experience of acute delivery suite management ranging from MDT ward rounds to emergency patient care in theatre and on delivery suite.
- Antenatal clinics - you will be rostered to do extensive clinic work to learn how to plan complex obstetric care in a tertiary unit. This will include regular attendance at:
 - high risk anaesthetic clinic (held weekly)
 - joint cardiac clinic (monthly)
 - There are a number of specialist maternal medicine clinics and there will be the opportunity to attend these for education purposes.

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- MDT meetings – you will have the opportunity to attend the obstetric haematology MDT (monthly), the obstetric neurology MDT (monthly) as well as the placenta accreta spectrum MDT (fortnightly)

You will be able to take a senior role in complex case planning and management including patients with complex congenital cardiac disease and abnormal placentation. You will be supported to follow these patients through and play an integral role in their perioperative care. In addition, there will be the opportunity to shadow obstetric and neonatal colleagues in order to gain an MDT overview of care.

Management and academic

- Local meetings – the post holder will be encouraged to attend the full range of meetings for the obstetric service to gain a broader understanding of the service structure. As well as clinical meetings, attendance at non-clinical meetings is a key part of preparing for a consultant role. These will include LW forum, governance meetings and anaesthetic service meetings.
- National meetings – the post holder will be expected to attend relevant national obstetric anaesthetic meetings such as the OAA 3-day meeting or ASM during the post.

Research/QI/Audit

- There is an active audit and QI programme within the department. There will be opportunity and support to run audit and quality improvement projects and the post holder will be expected to complete at least one during the position. This will then be presented locally and potentially nationally.
- It is expected that the post holder will contribute to the updating and writing of current obstetric clinical guidelines.

Teaching

The postholder will be expected to take an active role in delivering MDT teaching during this SIA. This will include:

- attending and then helping to deliver the monthly multidisciplinary MOMS teaching
- Regular resident obstetric anaesthesia teaching program.
- Clinical support and mentorship for anaesthetic residents undertaking initial obstetric training.
- Contributing to midwifery HDU training course

Complex Airway Management

Royal National ENT (RNENT) @ University College London Hospitals NHS trust

Lead supervisors: Dr Michael Gilhooly (m.gilhooly@nhs.net)

Background: Royal National Throat Nose and Ear Hospital is the only dedicated ENT hospital in the country where you will have exclusive access to providing anaesthesia for a full range of ENT procedures. We are now located within the University College London Hospitals campus and work in the brand-new Grafton Way facility and University College Hospital. The RNENT department consists of 11 consultants who are expert airway anaesthetists and five (Whole Time Equivalent) specialist trainees

Clinical Aims:

- Become proficient to independently anaesthetise patients with complex airway and presenting for airway surgery.
- To become proficient in the use of apnoeic ventilation techniques including THRIVE and High Frequency Jet Ventilation
- To be able to pre-assess patients with complex medical histories requiring major head and neck surgery
- To be able to perform Nasendoscopic examination of the upper airway in awake patients for the purpose of planning airway management
- Become proficient in the management of paediatric ENT anaesthesia including in children requiring Microlaryngoscopy
- To become familiar with front of neck access techniques including performing needle cricothyroidotomy and simulated eFONA

Clinical Experience:

- You will have exclusive access to ENT surgical lists
- High Frequency Jet Ventilation and THRIVE in patients requiring a tubeless field for a range of benign and malignant pathologies.

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- Daily opportunity to use a full range of advanced airway equipment and gain deep understanding of the pros and cons whilst also learning tips and tricks from airway experts
- Daily Paediatric (down to 2 years old) ENT lists including provision of paediatric microlaryngoscopy.
- Major Head and Neck Surgery Pre-assessment clinics
- Management of patients with Obstructive Sleep Apnoea presenting for a range of airway surgeries. Attendance at Sleep Apnoea Clinics with guidance in interpretation of sleep studies
- Fine Nasendoscopic Examination of the upper airway in outpatient clinic
- Additional competencies in use of TIVA, conscious sedation for complex middle ear surgery, day-case surgery in OSA patients and patients having a full range of ENT procedures.
- Solo list management under expert mentoring

Non-Clinical Experience

Research/QI/Audit

The post holder is expected to complete a project with the aim of presentation or publication. You will be well supported by a department the RNENT department (members who include the current president of HANA, a past DAS president and the UCL innovation lead). There will also be opportunities within the wider UCH airways fellows group to become involved in trust wide QI projects. Previous fellows have presented at DAS, HANA and ASA. The monthly Airway Hub provides a great opportunity to meet airway specialists from across London and to keep abreast of the latest developments in the field of complex airway.

Teaching

There is a very active local teaching program every Wednesday (RNENT anaesthesia) and Friday (combined Anaesthesia and ENT surgical specialties) which will enrich your learning experience.

You will be expected to provide training and maintain a register of FONA competency for departmental anaesthetists. You will also be expected to assist with the organisation and teaching at:

Airway Hub, Regional Airway Study Days, Awake Tracheal Intubation Course

There will be opportunity to join the faculty of the 'Airway Matters' MOOC

Summary

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You will have the opportunity to work in a small department with a keen focus on your training and development. There is a full range of clinical experiences and opportunity to manage patients with complex airways and having complex airway surgery. By the end of the placement, you will have expertise in complex airway management. Twelve-month SIAs are available as a combined post with UCH Complex Airway (see advert) for a holistic experience. All SIA residents will be placed on one of the four registrar on-call rotas at UCH, which can include covering obstetrics.

London NW Healthcare University Hospitals NHS Trust

Head & Neck Anaesthesia SIA, Northwick Park Hospital, LNWUH NHS Trust – 6 months

Post Supervisors: Dr David Vaughan davidvaughan@nhs.net
 Dr Rajinder Singh Chaggar rajinderschaggar@nhs.net

Background

Northwick Park Hospital (NPH) is a large general hospital located in Harrow, Northwest London. It is an acute hospital serving a diverse population and part of the London Northwest University Healthcare NHS Trust.

The duration of our fellowship is 6 months. You will participate in the senior registrar on call rota but ALL elective work will be head and neck, ENT or Maxillofacial.

We are a hugely supportive group of approachable, skilled, encouraging and motivated consultants who welcome you into the team and provide mentorship throughout. Our fellowship has an excellent reputation for the clinical experience offered and the dynamic team you will be working with.

Clinical Experience and Exposure

NPH is a tertiary referral centre for Maxillofacial and Head & Neck Cancer surgery, and complex ENT/Airway. This fellowship will provide extensive exposure to all related areas and invaluable experience to consultant level for laryngopharyngectomy, craniofacial resection and reconstruction, tracheal resection, free flap reconstruction, intrathoracic goitre surgery, voice surgery, and the full

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range of routine rhinology, otology and oromaxillofacial surgery. We have a very progressive approach to the use of awake tracheal intubation and perform 20+ per week across the trust. Once trained you will be encouraged to help train others and support your consultant colleagues.

Through the fellowship you will have exposure to and develop competence/confidence in:

- Videolaryngoscopy
- Flexible intubation
- Awake Tracheal Intubation (VL, Flexi, VAFI)
- Jet Ventilation: Supra- and Infra-glottic; Manujet and High Frequency Jet Ventilation
- Cricothyroid Puncture/Transtracheal Catheter
- Front of neck access (emergency and surgical)
- Apnoeic Techniques
- Advanced extubation strategies for complex airways
- Nasendoscopy (ENT MDT Clinic)
- Solo management of an airway list
- Management of emergency/CEPOD cases and the out-of-hours anaesthesia team. A significant number of 'airway' cases present on CEPOD requiring advanced airway management techniques

Teaching

The Department of Anaesthesia and the airway team have a strong reputation in education. Our fellow will be encouraged to:

- Support organisation and delivery of the Northwick Education in Oxygenation (NEO) Workshop as a Director during the fellowship –delivering free education to over 100 MDT delegates and managing a faculty of 30 people
- Support MDT airway teaching trust wide
- Present at local and regional teaching days
- Participation in and develop skills/drills in Simulation

Academia/Publications

Involvement in academia/research is supported from development of ideas, research/ethical approval, through data collection, preparation of manuscripts and submission. We have a highly experienced and skilled team who present internationally and have been involved in writing national guidelines. Our fellows have presented oral presentations at national meetings and have continued their airway interests as DAS trainee representatives.

Summary

This is a busy fellowship where there a large amount of technical and non-technical skills will be learned and practised through protected airway lists and busy emergency theatres. Our fellow will be an integral part of our team and encouraged to develop all areas of their practice. There are numerous opportunities to enhance your CV and explore your interests but most importantly development will enable you to be a skilled 'airway' anaesthetist functioning at consultant level. We also work hard to prepare our trainees for the consultant application process and life as a consultant.

Charing Cross Hospital

Department of Anaesthesia

SIA Anaesthesia for Patients with Complex Airway

Clinical Supervisors

Dr John Myatt	john.myatt@nhs.net
Dr Jim Poncia	james.poncia@nhs.net
Dr Mala Siva	m.sivaloganathan@nhs.net
Dr Nicola Stranix	n.stranix@nhs.net

Background

This is a 3-to-6-month SIA placement at Charing Cross Hospital covering the Stage 3 SIA Complex Airway curriculum of the Royal College of Anaesthetists. This placement is suited to senior trainees who would like to sub-specialise in ENT / Head and Neck / Advanced Airway anaesthesia. Support will be available to trainees undertaking activities that enhance their non-clinical skills such as education, research, and quality improvement and publication preparation.

Clinical Experience

Charing Cross Hospital is a major tertiary referral centre for airway surgery and head and neck cancer with renowned surgeons performing extremely challenging surgery alongside highly skilled airway anaesthetists.

Trainees will spend most of their clinical time concentrating on our airway, head and neck and ENT lists. The head and neck oncology service manages patients for complex resections and plastic reconstructions, including free flaps. These cases can also include joint procedures with neurosurgery. The airway service is an internationally recognised unit dealing with patients with severe airway pathology including those requiring laryngotracheal reconstructions. Additionally, robotic assisted head and neck surgery is included in our service. The ENT service provides a range of procedures in rhinology (including base of skull surgery) and otology, which is often combined with the neurosurgery.

During the SIA, the trainee will be expected to participate in the internal 'ICAN' Airway skills course which typically runs 6-monthly.

There is ample opportunity to develop practical skills in a number of advanced airway techniques including:

- Fibre-optic intubation devices
- ORSim bronchoscopy simulator available
- Trans-tracheal cannulation
- Supraglottic, subglottic and trans-tracheal jet ventilation
- HFNO / THRIVE
- Use of Oxygen Reserve Index (ORI) technology

- Video-laryngoscopy
- Fibre-optic techniques are enhanced with sessions supervised by our consultant surgical colleagues in head and neck outpatient clinics performing nasendoscopies.

Academic & Management

Trainees will be expected to actively participate and lead in existing audit and quality improvement work such as our long term HFJV audit and development of the 'Airway Passport'.

We have a long history of presenting at the DAS annual conference as well as other national and regional meetings and will support trainees in achieving this.

General Conditions & Responsibilities

- Full and LTFT posts are available
- The post holder will take part in the senior trainee on call rota alongside the other trainees and fellows, which currently operates at a frequency of 1 in 8, follows a full shift pattern with prospective cover and is European Working Time Directive compliant.
- In addition to elective theatre work, the trainee is expected to cover cardiac arrests, airway and other emergencies and the acute pain service when on call.
- The post will be covered by the arrangements for study leave and supervision that apply to trainees in PMETB approved posts. Study and annual leave are to be taken during weeks when not on call, or sessions moved accordingly.
- There is a strong departmental tradition of performing, presenting, and publishing research and audit projects. The post holder will support developments in education, research, leadership and quality improvement projects within the Trust.

Normal working hours

Stage 3 / Higher, Stage 2 / Intermediate & Fellows (Pager 8844/8189)

Normal Day: 7:30am - 5:30pm (10hrs)

Weekday Long day: 7:30am - 8:30pm

Weekend & Bank Holiday Long Day: 8:00am - 8:30pm

Weekday Nights: 8pm-8am

Weekends & Bank Holiday Nights: 8pm to 8:30am

Education

The department has a well-established weekly teaching programme from which the trainee can benefit from learning the topical issues and relevant literature. Additionally, a weekly 'Education and

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Wellbeing opportunities' email is circulated each Sunday evening, which includes events at other Imperial sites.

A Trust-wide CEPD half-day meeting held 6 times a year, often preceded by the Local Faculty Group meeting and a Consultant meeting.

There is an extensive library of recorded teaching sessions available to you on Microsoft Teams. The trainee will additionally have access to all of the general educational resources available on site including:

- Libraries: Departmental Anaesthetic library for quiet study and Imperial College Library on site
- Educational room within the Anaesthetic department. Contains a range of teaching / training equipment.
- Information Technology: Computers in theatres and the anaesthetic department.
- In-hospital Information Technology, Faculty Development and Management training courses organised through the Charing Cross Postgraduate Centre
- UpToDate: is an evidence-based clinical decision support tool. Imperial NHS Trust provides access to [UpToDate.com](https://www.upToDate.com) from all Imperial Trust computers. From there you can confirm your association with the Trust, allowing you to access the resource from your own devices.

Teaching

Teaching is a core component of SIAs and trainees will have opportunities to provide teaching to undergraduates, postgraduates and allied health professionals and are expected to contribute to the weekly departmental teaching programme.

Governance

The Trust adheres to a strict clinical governance programme. Within the directorate there is an active and on-going programme of Governance supported by Dr Preea Gill representing Anaesthesia. There are regular Clinical Governance, Critical Incident and Mortality & Morbidity meetings within the Division of Anaesthesia occurring bi-monthly.

Everyone is expected to participate in Quality Improvement. All QI should be recorded using the LifeQI platform, which will automatically register the project with the Trust QI department. All audit activity should be registered with the audit team by emailing: imperial.audit@nhs.net.

Clinical Research Opportunities

Trainees will be encouraged to participate in projects under the supervision of a consultant anaesthetist. SIA trainees are also expected to initiate and complete at least one research / quality improvement / audit project and participate in departmental academic activities. There are opportunities to collaborate with ImPART (Imperial Anaesthesia Research Team), national projects and trainees are encouraged to present their completed work at national or international meetings during the year. A rolling programme of audit meetings takes place supported by Dr Dafydd Lloyd and the post holder is expected to participate in the clinical audit programme.

The Royal London Hospital Anaesthetic Department

Airway SIA

In accordance with the RCOA 2010 Curriculum for a CCT in Anaesthetics Advanced Level Training requirements, these are the **airway SIA** requirements. The trainees should have already completed the higher airway training module.

Trainees will primarily be based at RLH. They will have the opportunity to go to UCLH for the cancer surgery lists and Barts for the retrosternal thyroid lists.

Aims

- 1.Experience in managing anticipated and unanticipated difficult airways
- 2.Experience in advanced airway techniques
- 3.To be confident in performing an awake fiberoptic intubation (AFOI) solo
- 4.Experience in running an airway list
- 5.Experience in producing written work for publication and submission to major anaesthetic meetings
- 6.Teaching experience on advanced airway courses
7. QI project involving advanced airway management and peri-operative care

Clinical experience

By the end of the fellowship the trainee should be competent in all of the following:

1. Fiberoptic intubations- aim for around 10-20 AFOI over the 6 months
2. Use of videolaryngoscopes (Airtraq, CMAC, MacGrath, Glidescope)
3. Intubation through SGA's, airway exchange techniques (can be mannequin and patient based)
4. FONA (mannequin based)
5. Surgical airway techniques, including scrubbing in for a surgical tracheostomy
6. Management of supraglottic & subglottic lesions
7. High frequency jet ventilation techniques

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8. THRIVE/apnoeic oxygenation techniques
9. Extubation strategy in patients with anticipated difficult airways
10. Running an airway list and communication with surgical colleagues
11. Complete a free flap case for H&N cancer
12. Complete a laryngectomy case, understand post-operative care of these patients, stoma care, tube and ventilation options
13. Attend a tracheostomy ward round
14. Attend H&N POA and MDT

Non-Clinical Experience (half a day a week timetabled for this)

1. The trainee is expected to produce written work to be submitted to scientific meetings and/or publication to peer-reviewed journals. This may be from case reports, QI projects and review articles
2. The trainee should aim to submit abstracts to present and book study leave to attend some of the following meetings:
 - Difficult Airway Society (DAS) Annual Scientific Meeting (November)
 - An advanced Airway Skills Course
 - Head & Neck Anaesthetists (HANA) meetings

International meetings such as ESA, ASA, NWAC, WACAim

3. The trainee should complete a Good Clinical Practice Research Ethics Course (can be done online)
4. The trainee should be able attend the following:
 - ENT OP clinic, and practice FNEs
 - H&N POA clinic at RLH and UCLH
 - Attend H&N MDT
5. The trainee can deliver airway teaching:
 - Tea trolley training for eFONA
 - Airway induction session for new trainees rotating
 - Airway training for ODPs
 - Faculty on DAMIT course
 - RCOA advanced airway course as faculty

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Clinical Timetable

Mon	Th 5 ENT Mix of jetting/ noses/ tonsils	Th 1 OMFS Benign free flaps, dentoalveolar, thyroids		
Tues	ACAD 1/ th 5 ENT Jetting, robotic ENT/benign cases	Th 3 OMFS OMFS trauma	UCLH (RM) Cancer cases , jetting	Th 1 Asleep FOIs
Wed	Head and neck MDT/ PAC	Th 3 OMFS OMFS trauma	Barts 1 st Wed monthly, retrosternal thyroids	
Thurs	POA UCLH?	Th 3 OMFS Benign free flaps, dentoalveolar		
Fri	Th 5 ENT Neuro/ENT/jetting	UCLH once a month Neuro/ENT/Jetting	POA RLH (TB)	
Others	Tracheostomy ward rounds (Tues 12pm)			

On-call commitments

- 1 in 8 to 1 in 10 resident on-call rota covering theatres

Anaesthesia for Patients with Complex Airway

University College London Hospital

Lead supervisors:

Dr Simon Clarke (simon.clarke15@nhs.net)

Dr Kirstie McPherson (kirstie.mcperson3@nhs.net)

This clinical SIA module is aimed at ST7 candidates who wish to develop their experience in anaesthesia for head and neck surgery and the management of the difficult airway. This predominantly clinical post provides a broad and comprehensive grounding in head and neck anaesthesia and airway management, with a half-day per week for audit / projects / research and teaching activity.

The UCLH Head & Neck Centre is a tertiary referral centre for patients with head and neck cancer and is one of the largest Head & Neck centres in England, undertaking complex Maxillofacial, Oral and ENT procedures.

Care is delivered by a varied, integrated and comprehensive multi-disciplinary team bringing together clinicians from many specialities including, Ear, Nose and Throat (ENT), Oral and Maxillofacial Surgery, Head and Neck Oncology services.

We have been running a successful Airway Fellowship / SIA post at UCLH for 20 years, with many of our previous post-holders going on to work within this sub-speciality area of anaesthesia.

Clinical Opportunities

We run daily lists, which range from major-complex head & neck resections with free flaps, to high turnover ENT work. Lists with shared airway components include:

- Maxillo-Facial and Head & Neck oncological surgery
- ENT (including glottic surgery and laryngectomy)
- Dental (including special needs patients and paediatrics)
- Interventional bronchoscopy lists

The placement offers the opportunity to develop techniques for management of the difficult airway, specifically:

- Fibre-optic intubation (awake and asleep)
- Video-laryngoscopy
- THRIVE

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- Jet ventilation
- Trans-tracheal access / front of neck airway management
- Extubation planning including the use of airway exchange catheters
- In addition, SIA trainees will become more familiar with peri-operative medical provision & airway assessment, risk reduction airway strategies (Human factors), management of LASER cases, airway ultrasound and TIVA.
-

Non-theatre work

- SIA Trainees can expect to attend the surgical planning MDT meetings and contribute to Head & Neck pre-assessment clinics, where they will evaluate high-risk patients for surgery and be involved with the planning of these cases.
- The Trainees may additionally have the opportunity to attend surgical clinics, tracheostomy ward-rounds and H&N radiology clinics. These options can be explored further once the trainee is in post.

Non-Clinical Opportunities

Research / QI / Audit

SIA trainees are expected to undertake at least one airway related audit or QIP every six months, &/or help set up/contribute to a research project, under the supervision of one of the consultants. There is an expectation that the trainee will oversee & contribute to Trust (difficult) airway related guidelines & similar when required.

Previous trainees have presented projects/posters at AAGBI ASM, DAS and WAMM meetings as well as being involved in the development and management of the RCoA and DAS endorsed 'Airway Matters' course.

Teaching / Education

Our department is highly focussed on delivering teaching in a variety of formats to members of the MDT and it is expected that the SIA trainee will be actively involved in a variety of teaching activities whilst in post.

The SIA trainees are responsible for ensuring that all trainees are familiar with difficult airway equipment and drills (inc. DAS Guidelines).

They will assist with the organisation of and teaching on:

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- ATI course
- SAFE course (Airway crisis simulation management)
- Airway-Hub monthly meetings
- Regional teaching days
- eFONA (Statutory & Mandatory) Departmental teaching
- CT1/2 Airway skills & drills
- Supporting the RCoA workshops on the airway days

There is also the opportunity to become a contributor and educator on our 'Airway Matters' MOOC as well as to formally develop your training as a simulation facilitator.

All SIA residents will be placed on one of the four registrar on-call rotas at UCH, which can include covering obstetrics.

Anaesthesia for Complex Orthopaedics

Special Interest Area

Royal National Orthopaedic Hospital

Lead Supervisor: Dr Sanjeevan Shanmuganathan (sanjeevan.shanmuganathan1@nhs.net)

This module is for stage 3 candidates looking to build on their knowledge and experience of orthopaedics at a tertiary referral centre. The post is for six months providing a wide variety of anaesthetic skills for neuromuscular skeletal surgery, which provides valuable experience applicable for a wide range of future consultant posts.

Clinical experience:

The Royal National Orthopaedic Hospital is the largest specialist orthopaedic hospital in the UK performing a wide range of complex musculoskeletal surgery in both the paediatric and adult population. These include primary and revision joint replacement, foot and ankle, shoulder, bone tumour, peripheral nerve injury repairs, and spinal surgery including deformity surgery. Neuro-urological surgery is also undertaken in support of The London Spinal Cord Injury Centre. The Chronic pain service provides interventional management therapies in addition to outpatient and rehabilitation services. The anaesthetic department also supports radiology suites for CT/MRI and interventional procedures and runs a long-term venous access (PICC line) service. We offer all expected SIA learning outcomes for complex orthopaedic surgery including preoperative assessment clinic, high risk MDT meetings, management of major haemorrhage and post-operative pain management, with support of the acute pain team.

Regional anaesthesia forms an integral part of our practice. The post offers experience of a wide range of regional anaesthetic techniques. It would be expected that you gain regional experience alongside the other areas of complex orthopaedics.

This post is part of a 1.8 resident on-call rota

Non-clinical opportunities:

- To present a poster/Infographic/oral presentation at national or international meetings
- To take an active role in clinical governance and participate in audits/QI projects, writing policies or business cases for development of the service
- Research opportunities with Perioperative Quality Improvement Programme (PQIP)
- Journal club and weekly teaching for registrars
- Leadership training
- We endeavour to support potential candidates with preparations towards the EDRA exam

The Royal London Hospital SIA Trauma

Barts Health NHS Trust

Module Lead:

Dr John McKenna: john.mckenna1@nhs.net

Dr Mark Wyldbore

Clinical Aims:

- Experience the breadth of clinical presentations and therapeutic interventions pertinent to major trauma patients. This includes traumatic injury to all body systems, including but not limited to neuro, spine, thorax, abdomen, pelvis, limb.
- Master the anaesthetic management of the trauma patient at all stages of their hospital journey, from the Emergency Department, Operating theatre, Critical Care through to the ward.
- Provide safe anaesthetic care for major trauma in specialised patient groups such as paediatrics, obstetrics, and the elderly.
- Work as an integral part of the Trauma Service multidisciplinary team and appreciate the integral role of anaesthesia in the delivery of the service.
- Develop an appreciation of the importance of trauma networks, and our roles and responsibilities as a Major Trauma Centre within that network.
- Gain understanding in the role of pre-hospital care in the management of the multiply injured patient and the seamless link with in-hospital care.
- Develop leadership and non-technical skills within the trauma team and the management of life-threatening emergencies.
- Gain experience and skill in the management of hypovolaemic shock and massive transfusion.
- Develop expertise in providing safe and effective analgesia for trauma patients, including the use of neuraxial and regional techniques.

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- Appreciate developments and innovations in trauma care, e.g. REBOA, ECMO.
- Engage in elective opportunities to supplement and develop anaesthetic skills which are transferrable to the management of major trauma patients. E.g. interventional radiology, vascular surgery

Academic and Management Aims:

- Actively contribute to the trauma service governance processes.
- Contribute to the ongoing development, training, and implementation of the departmental major incident plan.
- Contribute to the Trauma Anaesthetic Group clinical practice guidelines.
- Lead a QI/Audit project relating to trauma anaesthesia and support junior colleagues through the process.

Teaching Aims:

- Attend trauma teaching and training, including educational events organised by London's Air Ambulance.
- Present at trauma service M&M.
- Join the faculty in multidisciplinary simulation courses, both in situ and in the simulation suite.
- Contribute to the training of colleagues and students in trauma anaesthesia.

Indicative Timetable:

	AM	PM
Monday	Emergency list	Emergency list
Tuesday	TAG (Trauma anaesthesia)	TAG (Trauma anaesthesia)
Wednesday	OMFS Trauma	OMFS Trauma
Thursday	Trauma Governance/M&M	Protected SPA time
Friday	Pelvic Trauma List	Pelvic Trauma List

On-call commitments

1 in 8 to 1 in 10 resident on-call rota covering theatres

St Mary's Hospital

Imperial College Healthcare NHS Trust

TRAUMA & STABILISATION

Module Supervisor(s):

Drs Sabeena Qureshi, Henrietta Wydell, Sarah McNeilly and Cosmo Scurr

College Tutors

Asela Dharmadasa asela.dharmadasa@nhs.net

Pete Williamson peter.williamson3@nhs.net

Background

- 24/7 busy Major Trauma Centre providing consultant-led care for both adults and children.
- Major Trauma Centres save lives and prevent long-term disability by giving patients urgent access to specialist trauma teams, dedicated theatres and state-of-the-art equipment.
- 2500 major trauma calls per year with some of the top survival scores in the country.
- Dedicated, fully equipped major trauma theatre on standby 24/7 for code red major trauma.
- Work alongside and learn from a dozen highly skilled and motivated specialties, including neurosurgery, Cardiothoracics, orthopaedics, general surgery, ENT, plastic & reconstructive surgery.
- Anaesthetic and surgical colleagues with extensive military experience.

Clinical Aims/ Experience offered

Gain mastery in the delivery of safe and effective perioperative anaesthetic care to these patients. Demonstrates the multi-disciplinary leadership, communication and team-working skills necessary to ensure that the care delivered benefits both the patient and organisation.

- Significant experience as both a Trauma Anaesthetist and Trauma Team Leader.
- Ultrasound guided regional anaesthesia for the management of pain related to traumatic injuries, such as rib fractures and complex limb injuries.
- Management of major haemorrhage.
- Learn from weekly major trauma reviews/ debriefs.
- Access to and training in the use of state-of-the-art equipment: Blood vending machines, Optiflow, 4 types of video laryngoscope, fiberoptic scopes, hover mattresses, Belmont rapid infusers, 12 ultrasound machines, cell salvage, Aisys C2 anaesthetic machines, electronic Anaesthetic records, TIVA and depth of anaesthesia monitoring available in every theatre.

Academic & Management Aims

- Research and QI initiatives with dedicated time built into rota.
- Submit abstracts to national and international conferences
- Regular teaching and journal club
- In-house Trauma team leader course.
- Develop and improve evidence-based guidelines.
- Write business cases for new services or equipment

CV and interview preparation for consultant jobs.

St Mary's Hospital is a busy central London teaching hospital, major trauma centre and quaternary vascular centre. The Anaesthetic department comprises a dynamic group of consultants who are passionate about training with varied interests within and outside the specialty. Our ranks include the current Vice President of the RCoA, several RCoA Council members and two former AAGBI presidents, who bring with them a wealth of experience, wise counsel and connections. You will leave the department with increased confidence and new clinical & professional skills, feeling ready to start your consultant career. We look forward to welcoming you in the near future.

SIA Regional Anaesthesia

Royal London Hospital

Unit Supervisors:

Dr Tim O'Neill timothy. o'neill1@nhs.net

Introduction:

- This is a 6-month post with protected time to carry out research or service development and quality improvement projects.
- Regional anaesthesia is a key component of multimodal analgesia and enhanced recovery, conferring preemptive analgesia and improved patient outcomes.
- These benefits have been recognised nationally by training bodies and national associations. Following a recent editorial in Anaesthesia, Regional Anaesthesia-UK (RA-UK) have clearly defined a schedule of 'Plan A' blocks.
- Regional anaesthesia is now a key domain of the anaesthesia curriculum at all stages of training. By the end of training, all anaesthetists should be able to independently perform:
 - Central neuro-axial blocks
 - Simple peripheral nerve block

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- Chest wall plane block
- Abdominal wall plane block
- Lower limb block (including femoral nerve and fascia iliaca)
- Upper limb block (including brachial plexus)
- The Royal London Hospital is a tertiary centre with a wide variety of specialties and an abundance of opportunity to learn and develop skills in regional anaesthesia.
- We have a unique Trauma Anaesthesia Group who are passionate about the use of regional
- Anaesthesia in trauma and a receptive group of trauma surgeons.
- The majority of the operating lists at this site provide trainees with the opportunity for training in regional anaesthesia techniques, and we already deliver training in this subspecialty for trainees in Stages 1-3.
- We have a group of committed regional anaesthetists who have completed international fellowships, a strong track record of success in education and research, having spoken and published data nationally and internationally about our experiences at The Royal London. We therefore feel that we are ideally placed to provide an ATM in regional anaesthesia to complement this.
- Given this, the trainee completing an ATM in regional anaesthesia would also benefit greatly from completing an ATM in an allied special interest area offered at the Royal London, such as Orthopaedic or Trauma Anaesthesia.

Clinical Aims:

- To gain mastery of the regional anaesthetic techniques required to independently run a block room for awake hand surgery.
- To gain competence in the common regional anaesthetic techniques required to independently anaesthetise patients undergoing complex orthopaedic and trauma surgery.

On-call commitments

1 in 8 to 1 in 10 resident on-call rota covering theatres

SIA in Regional Anaesthesia

Whipps Cross University Hospital, Barts Health NHS Trust

Unit supervisor – Yogi Jigajinni

Suyogi.jigajinni@nhs.net

Background

- Whipps Cross University Hospital
- 6-month placement
- 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
- Post holders will participate in the 1:8 Registrar on-call rota covering both ICU/OBS
- We will provide non-clinical half days to facilitate projects, EDRA exam preparation, and the like.

Clinical Aims

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- Post holders perform in the region of 160 – 200 blocks, spanning a broad spectrum of Upper/Lower limb, Truncal and Chest Wall blocks, continuous catheter techniques, awake surgery and rib fracture analgesia.
- 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, set out achievable block numbers and workplace assessments, highlight areas for focus while at Whipps and detail timetabling.
- 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.

Research and 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.

Educational Aims

- In conjunction with the SIA 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
- Undertake workplace-based assessments for junior trainees.

- **Testimonials and Accomplishments**

- Previous post holders have completed a multitude of projects presented at national and

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international meetings and have been awarded best poster prizes. Post holders have taught as faculty at KSS & London area regional anaesthesia course, lead the Whipps Scanning Club and are actively involved in Departmental quality improvement, pathway implementation and education.

On-call commitments

- o 1 in 8 to 1 in 10 resident on-call rota covering ITU and obstetrics

SIA: Regional Anaesthesia

Royal Free London NHS Trust, Hampstead

Unit Supervisor & Regional Lead: Dr Gagan Atwal

Gagandeep.atwal@nhs.net

Unit Faculty of Regional Anaesthetists

Dr Anish Amlani
Dr Edgar Brodtkin
Dr Oma Dulan
Dr Girish Murthy
Dr Sanjoy Saha
Dr Vishal Nangalia
Dr Taj Fregene – Digital lead
Dr Rebecca Flower
Dr Emma Pack
Dr Pippa Pemberton Acute Pain Lead
Dr Anjana Prasad
Dr Bindiya Varma – College tutor
Dr Craig Lyness – Clinical Service lead
Dr Suehana Rahman Research (ROFPOR) lead
Dr Mike Spiro Research (ROFPOR) lead
Dr Mike Shaw QI (ROFPAQ) lead
Dr Alex Leigh Education Lead

Duration of post: 6 months

Number of posts: 1

Background

The Royal Free Hospital is a tertiary referral centre for plastic surgery (including hand trauma); ophthalmology; renal surgery (including fistula formation); vascular surgery & major complex abdominal surgery. Regional anaesthesia techniques for the upper limb, eyes, lower limb, carotids, chest wall/trunk are utilised for these operations, facilitated by a named regional anaesthesia consultant. We run a 7 day a week plastics/hand trauma list and the majority of surgery is performed under regional anaesthesia alone. Our enthusiastic and experienced group of regional anaesthetists regularly perform a wide range of blocks and teach on national US courses.

The regional faculty are closely aligned with the Acute inpatient pain service extending the benefits of regional analgesia outwith the operating theatre to acute admissions, the wards and critical care.

We have a peripheral nerve catheter service for rib fractures and ischaemic foot pain so SIA residents can gain experience in catheter insertion where appropriate.

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We are committed to ensuring that our SIA residents get their most out of their post - we will discuss your learning objectives and personal interests and help you seek out opportunities to achieve your goals during your SIA. Over the course of this SIA you will develop the skills and CV to gain the job you want in a competitive market.

Regional skills expanding options for perioperative care, in the context of an increasingly complex and elderly surgical population, will make you a sought after consultant colleague.

Clinical aims

- Surgical case mix requiring regional anaesthesia
 - o Plastics- Hand trauma & elective complex upper limb surgery
 - o Renal access lists - AV fistula formation
 - o Renal Cancer- open, laparoscopic and robotic surgery
 - o Breast surgery
 - o Orthopaedic trauma surgery
 - o Vascular surgery including Carotid endarterectomies, lower limb debridement & amputation
 - o Major complex colorectal/HPB surgery
 - o Ophthalmology
- Procedures/skills
 - o Blocks for awake upper limb surgery
 - o Blocks for awake lower limb surgery
 - o A range of chest wall & trunk blocks including PECS, Erector Spinae & Quadratus Lumborum
 - o Fascial plane & perineural catheter insertion
 - o Eye Blocks
 - o Post-operative evaluation of patients with regional blocks and catheters with the option to participate on supervised and independent acute pain rounds.
 - o By 6 months SIA residents will have developed a broad repertoire of regional anaesthetic skills and be confident to perform RA independently and supervise others
- On-call commitments
 - o 1 in 8 resident registrar on call rota covering theatres or labour ward (bespoke rota written based on your leave requests)

Non clinical aims:

Residents will have the equivalent of one session (half day) per week dedicated to non-clinical activities. The focus will be on gaining experience in leadership, management, QI, service development and contributing to RA educational development within the department. You will also be expected to develop a sound knowledge of anatomy/sonoanatomy, recognition of anatomical variation, physiology and pharmacology.

North London SIA 2026 - 2027

The Royal Free Regional Anaesthesia Faculty regularly attend and present at National and international regional anaesthesia conferences and prospective residents would be expected and supported to submit their project work to such meetings.

Membership of ESRA and/or RA-UK is encouraged.

QI & Service development

With our range of surgical specialties and complex patient cohort there are abundant opportunities to develop our block services and regional anaesthesia pathways. The active Royal Free Perioperative Quality improvement group (ROFPAQ) and acute pain teams will also support RA projects.

Previous RA QI projects have been published and presented at a range of Local, National and International meetings and include:

- Electronic Block database & automated patient follow up
- Rib fracture pathway
- Popliteal perineural catheter protocol & pathway

Teaching and education

- Residents will coordinate a regular block teaching programme
- Stage 2 FRCA study day in Regional Anaesthesia organised by the regional SIA resident and hosted at the Royal Free Hospital
- Opportunities for organising workshops for new blocks and supporting the training of the wider department and hospital
- Designing and delivering acute pain teaching to the MDT including medical students and other specialties
- Opportunity to teach on the RCOA/Association of Anaesthetists US guided regional anaesthesia courses by invitation

The department also has an active timetable of Friday morning meetings, journal clubs, regular clinical governance and audit meetings.

Residents are encouraged and supported to achieve post –graduate qualifications such as EDRA (European Diploma of Regional Anaesthesia)

Leadership and Management

Residents will be welcome to

- Present at the Drugs and Therapeutics committee (DTC) and to write guidelines introducing latest evidence based regional techniques
- Shadow clinical and non-clinical leaders
- Attend risk management and patient safety meetings
- Undertake shared learning projects

Enthusiastic candidates are likely to get several non clinical stage 3 domains signed off in addition to their SIA units (Professional Behaviours & Communication, Management & Professional & Regulatory Standards, Safety & QI, Education & Training, Research & managing data, Team working).

Past SIA residents' achievements and testimonials

North London SIA 2026 - 2027

One of our past SIA residents is the current trainee representative on the board of RA-UK. Our most recent SIA resident has been a member of the resident faculty for RA-UK scanning workshops.

“Great mentoring and encouragement from a friendly and supportive team who are keen to learn and teach new techniques. It has inspired me to progress in Regional Anaesthesia. I gained a great breadth of experience and significantly improved my scanning and needling technique. Lots of opportunity to get involved in Regional Anaesthesia projects”.

I spent 6 months doing my SIA at the Free where I performed plenty of hand trauma blocks. I also got rich experience in lower limb blocks in vascular and emergency surgery and some truncal blocks in renal and general surgery. I received great supervision by experienced consultants, organised the stage 2 regional training day, taught regional anaesthesia at RCOA and had 2 posters accepted at RAUK. By the end, I had completed over 100 blocks and was independent in all plan A regional blocks.

Regional Anaesthesia University College London Hospitals

Lead Supervisor: Dr Sim West (simeon.west@nhs.net)

This SIA module is designed for ST7 candidates looking to improve their regional anaesthetic skills prior to consultant posts. This is a 6-month clinical post, providing competency in the 7 RA-UK Plan A blocks, along with exposure to the wider range of regional anaesthesia.

UCLH is a large North London Teaching hospital that provides anaesthesia for a wide number of specialties. Regional anaesthesia is a core component of enhanced recovery pathways in a number of these specialties, and as part of this SIA you will cover our 3 main sites: UCH itself, Grafton Way (our specialist hub for orthopaedics) and Westmoreland Street (thoracics and urology). You will learn to perform a wide range of upper and lower limb, chest wall and abdominal wall blocks. We run several awake hand surgery lists, and you will become proficient in managing these.

Regional anaesthetic specialists work closely with our wider team, including ED, ICU, the acute pain team and the medical units to provide ongoing analgesic techniques. We utilize catheter techniques where appropriate to extend regional anaesthesia.

We have newly purchased ultrasound machines in all clinical areas.

Educational Expectations

As part of this SIA you will be expected to get involved with ongoing academic projects and help set up new projects depending on other commitments: recent projects include setting up and running a Delphi process on RA outcomes and gaining grant funding and setting up an RCT on QLB in obs. There will be opportunities to write guidelines, business cases and policies.

A monthly US teaching program is regularly attended, and the role will include running this with the consultants. There is usually an opportunity to teach as faculty on various ultrasound courses. We have recently purchased an artificial intelligence enabled simulation device for scanning and needling to be used in educational sessions.

The trainee may sit for the EDRA (if not already gained) and funding is often available for this.

Regional Anaesthesia Special Interest Area

Royal National Orthopaedic Hospital

Lead Supervisor: Dr Alex Sell (email: alexander.sell@nhs.net)

This SIA module is designed for Stage 3 candidates looking to build on and improve their regional anaesthetic (RA) skills prior to consultant posts. This is a 6-month clinical post, providing competency in a wide range of regional anaesthesia techniques.

The Royal National Orthopaedic Hospital is the largest specialist orthopaedic hospital in the UK performing a wide range of complex musculoskeletal surgery in both the paediatric and adult population. These include primary and revision joint replacement, bone tumours, foot and ankle, shoulder, complex paediatric orthopaedic and spinal deformity surgery. You will therefore have the opportunity to perform a range of blocks including paediatrics. Regional anaesthesia forms an integral part of our practice and the consultant body will support you to gain as much experience as possible.

This post is part of a 1:8 resident on-call rota.

Clinical experience:

- Consultant-led supervision for ultrasound guided upper and lower limb blocks with opportunities to perform truncal blocks.
- Perineural catheters for analgesia
- By the end of the SIA, we would expect independent management of regional anaesthesia for complex orthopaedic cases
- To gain further experience with the acute pain team and using RA to help manage patients with complex post-operative pain requirements.

Non-clinical opportunities:

- To present a poster/Infographic/oral presentation at national or international meetings
- To take an active role in clinical governance around regional anaesthesia and participate in audits/QI projects, research, writing policies or business cases for development of the service
- To coordinate and deliver sonoclub sessions for anaesthetic registrars (stage 2 & 3) in the department
- To teach as a faculty member on our annual RNOH regional anaesthesia course with RA_UK/RCOA approval
- We endeavour to support potential candidates with preparations towards the EDRA exam

All SIA residents will be placed on one of the four registrar on-call rotas at UCH, which can include covering obstetrics.

SIA POSTS REGIONAL ANAESTHESIA
Chelsea & Westminster
Supervisor Dr Rebecca Smith

We are offering the opportunity to undertake a six-month specialist interest placement in the field of Regional Anaesthesia. Chelsea & Westminster Hospital has a dedicated Hand Management Unit with 7 hand surgeons – offering a number of elective and emergency operating lists each day. We also provide elective services for shoulder, elbow, hip, knee and foot/ankle surgery. Daily trauma lists have a subspecialty component in each of these fields.

By the end of six months the higher trainee would be expected to demonstrate competence to performing the following techniques without direct supervision

- All 4 brachial plexus blocks and peripheral forearm blocks
- Lower limb blocks including femoral, fascia iliaca, adductor canal, popliteal and ankle blocks
- Chest wall and abdominal blocks (for analgesia in trauma patients as well as elective major colorectal cases)

They will gain experience in siting and managing continuous catheter techniques. By the end of the placement, they should be confident to plan and effectively run solo operating lists for awake hand surgery.

Non-clinical opportunities to be gained during the post include:

- Leading a QI project in RA
- Leading teaching initiatives for junior trainees
- Educational support to undertake further education in RA – either MSc in Regional Anaesthesia or the EDRA diploma

St Mary's Hospital

Department of Anaesthesia

SIA in Regional Anaesthesia

Clinical/Module Supervisors

Dr Ranil Soysa	Ranil.soysa1@nhs.net
Dr Sam Haddad	Sam.haddad@nhs.net
Dr Alex Wickham	Alex.wickham@nhs.net
Dr Asela Dharmadasa	Asela.dharmadasa@nhs.net
Dr Pav Sarai	Pawandeep.sarai@nhs.net

Background

- Major Trauma Centre and Teaching Hospital with general, gynaecological, trauma and orthopaedics, plastics, neurosurgical, vascular, maternity, critical care, and paediatric services.
- ESRA accredited regional anaesthesia centre.
- Ultrasound machines in most Anaesthetic Rooms as well as 3 portable Butterfly devices.
- Simulation station with Valkyrie phantoms for practice available 24/7 in the Education Office/Resident hub.
- Active research and QI projects with dedicated Educational Development Time (EDT).
- Innovative Regional anaesthesia passport (RAP) training programme for junior residents.
- Large and enthusiastic faculty including nationally and internationally recognised specialists.

Clinical Aims and Experience offered

General/Professional knowledge and skills

- Gain mastery in the delivery of safe and effective perioperative anaesthetic care to wide range of patients.
- Demonstrates the multi-disciplinary leadership, communication and team-working skills necessary to ensure the care delivered benefits both the patient and the organisation.
- Access to and training in the use of state-of-the-art equipment: Blood vending machines, Optiflow, video laryngoscopes, fibreoptic scopes, hover mattresses, Belmont rapid infusers, cell

North London SIA 2026 - 2027

salvage, Aisys C2 anaesthetic machines, electronic Anaesthetic records, TIVA and depth of anaesthesia monitoring.

Regional anaesthesia knowledge and skills

- Demonstrates ability to perform both lower and upper limb perineural/plexus/fascial plane blocks independently.
- Demonstrates ability to perform trunk blocks independently, especially in polytrauma patients, including ESP, SAP, TAP, epidural, spinal, and CSE anaesthesia. Experience of spinal catheters for select high-risk ortho-trauma and vascular cases.
- Perineural/fascial plane nerve catheter experience.
- Awake surgery experience (hand lists etc).
- Always considers the option of regional anaesthesia in appropriate clinical contexts.
- Regional anaesthesia opportunities are available in most theatres every day: 2 ortho-trauma lists, 1-2 plastics/hand surgery lists, 1-2 vascular lists, Eye lists (at WEH) and NCEPOD.

Academic & Management Aims

- Join teaching faculty for RAP course.
- Participate in local research and QI initiatives with dedicated time built into rota.
- Submit abstracts to national and international conferences.
- Develop evidence-based guidelines for Regional Anaesthesia.
- Write business cases for new services (e.g. development of a block room and awake surgery lists) or new equipment.
- Attend an USRA course/become faculty on established London USRA courses.
- CV and interview preparation for consultant jobs.

General Conditions & Responsibilities

- Full and LTFT posts are available.
- The post holder will take part in the senior trainee on call rota alongside the other trainees and fellows, which currently operates at a frequency of 1 in 8, follows a full shift pattern with prospective cover and is European Working Time Directive compliant.
- In addition to elective theatre work, the trainee is expected to cover cardiac arrests, airway and other emergencies and the acute pain service when on call.
- The post will be covered by the arrangements for study leave and supervision that apply to trainees in PMETB approved posts. Study and annual leave are to be taken during weeks when not on call, or sessions moved accordingly.
- There is a strong departmental tradition of performing, presenting, and publishing research and audit projects. The post holder will support developments in education, research, leadership and quality improvement projects within the Trust.

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Normal working hours

Stage 3 / Higher/Fellows (Pager 1201)

Normal Day: 7:45am - 5:45pm (10hrs)

Weekday Long day: 8:00am - 8:30pm (12.5hrs)

Weekend & Bank Holiday Long Day: 8:00am - 8:30pm (12.5hrs)

Weekday Nights: 8pm-8:30am

Weekends & Bank Holiday Nights: 8pm to 8:30am

Education

The department has a well-established weekly teaching programme from which the resident can benefit from learning topical issues and relevant literature. Additionally, weekly 'Education and Wellbeing opportunities' email is circulated each Sunday evening, which includes events at other Imperial sites.

A Trust-wide CEPD half-day meeting held 6 times a year, often preceded by a Local Faculty Group meeting and a Consultant meeting. There is an extensive library of recorded teaching sessions available to you on Microsoft Teams. The trainee will additionally have access to all the general educational resources available on site including:

- Libraries: Departmental Anaesthetic library for quiet study and Imperial College Library on site
- Educational room within the Anaesthetic department. Contains a range of teaching /training equipment.
- Information Technology: Computers in theatres and the anaesthetic department.
- In-hospital Information Technology, Faculty Development and Management training courses organised through the Charing Cross Postgraduate Centre
- UpToDate: is an evidence-based clinical decision support tool. Imperial NHS Trust provides access to [UpToDate.com](https://www.uptodate.com) from all Imperial Trust computers. From there you can confirm your association with the Trust, allowing you to access the resource from your own devices.

Teaching

Teaching is a core component of SIAs and trainees will have opportunities to provide teaching to undergraduates, postgraduates and allied health professionals and are expected to contribute to the weekly departmental teaching programme.

North London SIA 2026 - 2027

Governance

The Trust adheres to a strict clinical governance programme. Within the directorate there is an active and on-going programme of Governance supported by Dr Peter Williamson representing Anaesthesia. There are regular Clinical Governance, Critical Incident and Mortality & Morbidity meetings within the Division of Anaesthesia occurring bi-monthly. Everyone is expected to participate in Quality Improvement. All QI should be recorded using the LifeQI platform, which will automatically register the project with the Trust QI department. All audit activity should be registered with the audit team by emailing: imperial.audit@nhs.net.

Clinical Research Opportunities

Trainees will be encouraged to participate in projects under the supervision of a consultant anaesthetist. SIA trainees are also expected to initiate and complete at least one research / quality improvement / audit project and participate in departmental academic activities. There are opportunities to collaborate with ImPART (Imperial Anaesthesia Research Team), national projects and trainees are encouraged to present their completed work at national or international meetings during the year. A rolling programme of audit meetings takes place supported by Dr Dafydd Lloyd and the post holder is expected to participate in the clinical audit programme.

Summary

St Mary's Hospital is a busy central London teaching hospital, major trauma centre and quaternary vascular centre. The Anaesthetic department comprises a dynamic group of consultants who are passionate about training with varied interests within and outside the specialty. Our ranks include the current Vice President of the RCoA, several RCoA Council members and two former AAGBI presidents, who bring with them a wealth of experience, wise counsel, and connections. You will leave the department with increased confidence and new clinical & professional skills, feeling ready to start your consultant career. We look forward to welcoming you soon.

Charing Cross Hospital

Department of Anaesthesia

SIA in Regional Anaesthesia

Clinical/Module Supervisors

Dr Sam Haddad	Sam.haddad@nhs.net
Dr Ranil Soysa	Ranil.soysa1@nhs.net
Dr Anne Tay	Anne.tay@nhs.net
Dr Sam Neriman	Samaan.neriman@nhs.net

Background

- Teaching hospital with major general, urology, elective orthopaedics, plastics, breast, neurosurgery/interventional neuro-radiology, ENT/Head and Neck, and critical care services.
- ESRA accredited regional anaesthesia centre.
- Ultrasound machines in most Anaesthetic Rooms as well as 3 portable Butterfly devices.
- Simulation station with Valkyrie phantoms for practice available 24/7 in the Education Office/Resident hub.
- Active research and QI projects with dedicated Educational Development Time (EDT).
- Innovative Regional anaesthesia passport (RAP) training programme for junior residents.
- Large and enthusiastic faculty including nationally and internationally recognised specialists.

Clinical Aims and Experience offered

General/Professional knowledge and skills

- Gain mastery in the delivery of safe and effective perioperative anaesthetic care to wide range of patients.
- Demonstrates the multi-disciplinary leadership, communication, and team-working skills necessary to ensure the care delivered benefits both the patient and the organisation.
- Access to and training in the use of state-of-the-art equipment: Blood vending machines, Optiflow, video laryngoscopy, fiberoptic scopes, hover mattresses, Belmont rapid infusers, cell salvage, Aisys C2 anaesthetic machines, electronic Anaesthetic records, TIVA and depth of anaesthesia monitoring available in every theatre.

Regional anaesthesia knowledge and skills

- Demonstrates ability to perform both lower and upper limb perineural/plexus/fascial plane blocks independently.
- Demonstrates ability to perform trunk blocks independently, including ESP, SAP, TAP, QL, epidural, spinal, and CSE anaesthesia.
- Perineural/fascial plane catheter experience.
- Awake surgery experience (hand lists).
- Always considers the option of regional anaesthesia in appropriate clinical contexts.
- Regional anaesthesia opportunities are available in many theatres every day: 2-3 orthopaedic lists (upper/lower limb), plastics, breasts, general, major urology, and NCEPOD.

Academic & Management

- Join teaching faculty for RAP course.
- Participate in local research and QI initiatives with dedicated time built into rota.
- Submit abstracts to national and international conferences.
- Develop evidence-based guidelines for Regional Anaesthesia.
- Write business cases for new services (e.g. development of a block room and awake surgery lists) or new equipment.
- Attend an USRA course/become faculty on established London USRA courses.
- CV and interview preparation for consultant jobs.

General Conditions & Responsibilities

- Full and LTFT posts are available.
- The post holder will take part in the senior trainee on call rota alongside the other trainees and fellows, which currently operates at a frequency of 1 in 8, follows a full shift pattern with prospective cover and is European Working Time Directive compliant.
- In addition to elective theatre work, the trainee is expected to cover cardiac arrests, airway and other emergencies and the acute pain service when on call.
- The post will be covered by the arrangements for study leave and supervision that apply to trainees in PMETB approved posts. Study and annual leave are to be taken during weeks when not on call, or sessions moved accordingly.
- There is a strong departmental tradition of performing, presenting, and publishing research and audit projects. The post holder will support developments in education, research, leadership and quality improvement projects within the Trust.

North London SIA 2026 - 2027

Normal working hours

Stage 3 / Higher, Stage 2 / Intermediate & Fellows (Pager 8844/8189)

Normal Day: 7:30am - 5:30pm (10hrs)

Weekday Long day: 7:30am - 8:30pm

Weekend & Bank Holiday Long Day: 8:00am - 8:30pm

Weekday Nights: 8pm-8am

Weekends & Bank Holiday Nights: 8pm to 8:30am

Education

The department has a well-established weekly teaching programme from which the trainee can benefit from learning the topical issues and relevant literature. Additionally, a weekly 'Education and Wellbeing opportunities' email is circulated each Sunday evening, which includes events at other Imperial sites.

A Trust-wide CEPD half-day meeting held 6 times a year, often preceded by the Local Faculty Group meeting and a Consultant meeting. There is an extensive library of recorded teaching sessions available to you on Microsoft Teams. The trainee will additionally have access to all of the general educational resources available on site including:

- Libraries: Departmental Anaesthetic library for quiet study and Imperial College Library on site
- Educational room within the Anaesthetic department. Contains a range of teaching /training equipment.
- Information Technology: Computers in theatres and the anaesthetic department.
- In-hospital Information Technology, Faculty Development and Management training courses organised through the Charing Cross Postgraduate Centre
- UpToDate: is an evidence-based clinical decision support tool. Imperial NHS Trust provides access to [UpToDate.com](https://www.uptodate.com) from all Imperial Trust computers. From there you can confirm your association with the Trust, allowing you to access the resource from your own devices.

Teaching

Teaching is a core component of SIAs and trainees will have opportunities to provide teaching to undergraduates, postgraduates and allied health professionals and are expected to contribute to the weekly departmental teaching programme.

North London SIA 2026 - 2027

Governance

The Trust adheres to a strict clinical governance programme. Within the directorate there is an active and on-going programme of Governance supported by Dr Preea Gill representing Anaesthesia. There are regular Clinical Governance, Critical Incident and Mortality & Morbidity meetings within the Division of Anaesthesia occurring bi-monthly. Everyone is expected to participate in Quality Improvement. All QI should be recorded using the LifeQI platform, which will automatically register the project with the Trust QI department. All audit activity should be registered with the audit team by emailing: imperial.audit@nhs.net.

Clinical Research Opportunities

Trainees will be encouraged to participate in projects under the supervision of a consultant anaesthetist. SIA trainees are also expected to initiate and complete at least one research / quality improvement / audit project and participate in departmental academic activities. There are opportunities to collaborate with ImPART (Imperial Anaesthesia Research Team), national projects and trainees are encouraged to present their completed work at national or international meetings during the year. A rolling programme of audit meetings takes place supported by Dr Dafydd Lloyd and the post holder is expected to participate in the clinical audit programme.

Summary

Charing Cross Hospital is a busy central London teaching hospital, national neurosurgical referral centre, national ENT/Head and Neck referral centre, and complex/revision arthroplasty centre. The Anaesthetic department comprises a dynamic group of consultants who are passionate about training with varied interests within and outside the specialty who bring with them a wealth of experience, wise counsel, and connections. You will leave the department with increased confidence and new clinical & professional skills, feeling ready to start your consultant career. We look forward to welcoming you soon.

SIA: Liver Transplantation and Hepatobiliary Anaesthesia

Royal Free London NHS Trust, Hampstead

Unit Supervisor:

Dr Dominik Krzanicki dominik.krzanicki@nhs.net

Faculty of Consultant Liver Transplant Anaesthetists

Dr Dominik Krzanicki, Clinical lead for HPB and liver transplantation

Dr Clare Melikian, Clinical Service lead for Anaesthesia

Dr Suehana Rahman

Professor Mike Spiro

Dr Sally Harrison

Dr Viv Hannon

Dr Alex Leigh

Dr Bryn Williams

Dr Meera Raja

Dr Leo Salm

Dr Edgar Brodtkin

Duration of post: 6 months

Background

The Department of Anaesthesia & Perioperative Medicine at the Royal Free Hospital by Hampstead Heath, provides high quality perioperative care via a consultant led preoperative assessment clinic, 20 operating theatres and an 8 bed post anaesthetic care unit (PACU).

We are a tertiary referral centre for liver and renal transplantation, hepatobiliary cancer, renal cancer, sarcoma, vascular, plastics, hand trauma, colorectal and endocrine surgeries, in addition to interventional radiology and endoscopy, providing a breadth of experience in major complex surgeries both within and beyond the operating theatre.

We are a warm and friendly department and have over 60 consultants with a wide variety of skills and experience, including medical examiners, members of College council and members of national committees and guidelines groups.

We are committed and to ensuring that our SIA residents get the most out of their post and will endeavour to welcome you into the team ahead of your start date so that you can hit the ground running with an idea of the projects that await you. We will discuss your learning objectives and personal interests and help you seek out opportunities to achieve your goals during your SIA. Over the course of this SIA you will develop the skills and CV to gain the job you want in a competitive forum. Generic and transferrable skills in anaesthetising complex high risk patients and experience in the expanding field of peri-operative medicine will make you a sought after consultant colleague.

Liver Transplantation and HPB surgery

The Royal Free Hospital has over 35 years of experience in adult liver transplantation, with over 2000 performed to date and approximately 130 per year. Although the majority are whole deceased donor grafts we also undertake domino, split, combined liver kidney and living donor transplantation. The unit is comprised of an army of liver transplant specialists forming a large multidisciplinary team, of which the successful applicant of the fellowship would be an active and contributing part of. In addition, it is one of the largest units in Europe providing major hepatobiliary surgery including hepatic resection, biliary reconstruction and pancreatic surgery. We have in recent years seen the opening of a dedicated Liver ICU, which promises further advances in the delivery of high-quality patient care and specialised training opportunities. This is a popular and well-established fellowship that has been run for over 20 years and is highly regarded and fondly remembered by those who undertake it.

As well as gaining a wide breadth of clinical experience and obtaining highly transferrable skills, SIA residents will be involved and supported in various departmental activities that are both ongoing and initiated by them based on their developing interests within the field. ERAS4OLT has been a highly successful and major international effort, which originated and is run from within our department. This project has focussed on enhanced recovery after liver transplantation and has involved the systemic review of a huge breadth of literature by over 30 international expert panels, culminating in a consensus congress to develop evidence-based recommendations. This important work, the first of its kind in this field, has resulted in and will continue to produce multiple peer reviewed articles and inspire many future research projects.

Clinical Experience to be gained

- Surgical/Procedural case mix
 - o Adult Liver Transplantation
 - o Complex Hepatopancreatobiliary surgery
 - o Specialist Interventional Radiology e.g. TIPSS, RFA, portal vein embolization
- Procedures/skills
 - o Perioperative TransOesophageal ECHO
 - o Pulmonary Artery Catheter Flotation and interpretation
 - o Point of care haemostatic testing interpretation and use within our dedicated point of care lab attached to the liver transplant theatre (TEG 6, Platelet mapping)
 - o Cell salvage
 - o Perioperative management of massive haemorrhage including use of rapid infusion devices
 - o Analgesia for major abdominal surgery including neuraxial and truncal blocks
- Additional clinical activities
 - o Preoperative care
 - § Liver transplant candidate assessment and risk stratification
 - § Prehabilitation for major surgery
 - o MDTs
 - § Liver Transplant Listing Meeting
 - § Liver Transplant Morbidity and Mortality meetings
 - § HPB Morbidity and Mortality meetings

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- § High risk perioperative MDT
- o Clinics
 - § Transplant Hepatology Clinic (anaesthesia input and prehabilitation of high risk candidates)
 - § Preassessment clinic for major HPB surgery
- On-call commitments
 - o Non-resident 1 in 6 on call cover in liver transplantation
 - o Direct consultant supervision for all major HPB cases and liver transplants

Other activities

Research

- The Royal Free has a proven track record for research and innovation and has presented and published widely as part of the Royal Free PeriOperative Research (RoFPoR) group.
- SIA residents are encouraged to get involved with existing and novel projects based on their interests.

QI & Service development

- The Royal Free Perioperative Audit and Quality improvement (RoFPAQ) group is active, meeting regularly and supporting SIA residents to seek out meaningful relevant projects to positively impact perioperative patient care. The department is applying for ACSA accreditation and consequently there will be a wealth of related projects available to residents. Previous QI projects relating to PBM, patient experience, ERAS to name a few, have been published and presented at a range of National and International meetings.

Leadership and management

- SIA residents will have opportunities to attend relevant management meetings
- This SIA is an opportunity to step up to appreciate the extended role of the consultant, engage with management at an organisational level and gain a deeper understanding of a regional tertiary service.

Teaching

- The department has an active timetable of Friday morning meetings, journal clubs, clinical governance and audit meetings
- HPB Teaching/Journal club once a fortnight
 - Presentation of topics of interest including surgical considerations and technique, cardiovascular and pulmonary disease in liver cirrhosis, viscoelastic testing and the coagulopathy of liver disease, the role of the transplant coordinator, enhanced recovery after liver transplantation.
- Additional opportunities to be involved in the design and delivery of multidisciplinary teaching courses and simulation at a local and regional level

Conferences regularly attended and presented at by the RFH Liver Transplant Anaesthesia team

- o International Liver Transplant Society Annual Congress
- o Liver Intensive Care and Anaesthesia Group Europe (LICAGE) Annual meeting

North London SIA 2026 - 2027

- o NATA Annual Symposium (Network for the Advancement of Patient Blood Management, Haemostasis and Thrombosis)
- o BLTG (British Liver Transplant Group) Annual Meeting

SIA: Clinical Research in Liver Transplantation and Hepatobiliary Anaesthesia

Royal Free London NHS Trust, Hampstead

Unit Supervisors & Research Leads:

Dr Suehana Rahman Suehana.rahman@nhs.net

Prof Mike Spiro michaelspiro@nhs.net

Faculty of Consultant Liver Transplant Anaesthetists

Dr Suehana Rahman Research RoFPoR lead

Prof Mike Spiro Liver ICU, RoFPoR lead

Dr Dominik Krzanicki, Clinical lead for HPB and Liver Transplantation

Dr Clare Melikian Clinical lead for Anaesthesia

Dr Sally Harrison

Dr Viv Hannon

Dr Alex Leigh

Dr Bryn Williams

Dr Meera Raja

Dr Leo Salm

Dr Edgar Brodtkin

Duration of post: 12 months

Background

The Department of Anaesthesia & Perioperative Medicine at the Royal Free Hospital by Hampstead Heath, provides high quality perioperative care via a consultant led preoperative assessment clinic, 20 operating theatres and an 8 bed post anaesthetic care unit (PACU).

We are a tertiary referral centre for liver and renal transplantation, hepatobiliary cancer, renal cancer, sarcoma, vascular, plastics, hand trauma, colorectal and endocrine surgeries, in addition to interventional radiology and endoscopy, providing a breadth of experience in major complex surgeries both within and beyond the operating theatre.

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high risk patients and experience in the expanding field of peri-operative medicine will make you a sought after consultant colleague.

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As well as gaining a wide breadth of clinical experience and obtaining highly transferrable skills, SIA residents will be involved and supported in various departmental activities that are both ongoing and initiated by them based on their developing interests within the field. ERAS4OLT has been a highly successful and major international effort, which originated and is run from within our department. This project has focussed on enhanced recovery after liver transplantation and has involved the systemic review of a huge breadth of literature by over 30 international expert panels, culminating in a consensus congress to develop evidence-based recommendations. This important work, the first of its kind in this field, has resulted in and will continue to produce multiple peer reviewed articles and inspire many future research projects.

Clinical Experience to be gained

- Surgical/Procedural case mix
 - o Adult Liver Transplantation
 - o Complex Hepatopancreatobiliary surgery
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 - o Basic Transoesophageal ECHO
 - o Pulmonary Artery Catheter Flotation and interpretation
 - o Point of care haemostatic testing interpretation and use within our dedicated point of care lab attached to the liver transplant theatre (TEG 6, Platelet mapping)
 - o Cell salvage
 - o Perioperative management of massive haemorrhage including use of rapid infusion devices
 - o Analgesia for major abdominal surgery including neuraxial and truncal blocks
- Additional clinical activities
 - o Preoperative care
 - § Liver transplant candidate assessment and risk stratification
 - § Prehabilitation for major surgery

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- o MDTs
 - § Liver Transplant Listing Meeting
 - § Liver Transplant Morbidity and Mortality meetings
 - § HPB Morbidity and Mortality meetings
 - § High risk perioperative MDT
- o Clinics
 - § Transplant Hepatology Clinic (anaesthesia input and prehabilitation of high risk candidates)
 - § Preassessment clinic for major HPB surgery
- On-call commitments
 - o Non-resident 1 in 5 on call cover in liver transplantation
 - o Direct consultant supervision for all major HPB cases and liver transplants

Research Experience

- Dedicated research time within post
- Regular responsive meetings with research supervisor
- Research focus on anaesthesia for liver transplantation, but also on perioperative aspects of major surgery
- Participation in on-going projects, but also opportunity to develop own ideas and interests
- Projects encompassing original research, but also the potential for guideline development, QI, education and simulation

Other activities-

- Teaching
 - o HPB Teaching/Journal club once a fortnight
 - Presentation of topics of interest including surgical considerations and technique, cardiovascular and pulmonary disease in liver cirrhosis, viscoelastic testing and the coagulopathy of liver disease, the role of the transplant coordinator, enhanced recovery after liver transplantation
 - o Additional opportunities to be involved in the design and delivery of multidisciplinary teaching and simulation courses at a local and regional level
- Conferences regularly attended and presented at by the RFH Liver Transplant Anaesthesia team
 - o International Liver Transplant Society Annual Congress
 - o Liver Intensive Care and Anaesthesia Group Europe (LICAGE) Annual meeting
 - o NATA Annual Symposium (Network for the Advancement of Patient Blood Management, Haemostasis and Thrombosis)
 - o BLTG (British Liver Transplant Group) Annual Meeting

SIA: Vascular Anaesthesia & Perioperative medicine Royal Free London NHS Trust, Hampstead

Unit Supervisor: Dr Lasitha Abeysundara
l.abeyundara@nhs.net

Unit Faculty of Consultant Vascular Anaesthetists

Dr Marta Campbell Lead for POA
Dr Louisa Shovel Lead for MILE and prehabilitation
Dr Ciara Donohue Vascular, Colorectal and POA, College Tutor
Dr Alexa Strachan Vascular, POA, TOE
Dr Oma Dulan Vascular, Regional, Paediatrics, Recovery lead
Dr Belinda Chieng Vascular, UG simulation, rota
Dr Anish Amlani Vascular lead, Regional
Dr Mike Spiro Research ROFPOR lead
Dr Suehana Rahman Vascular, HPB Research ROFPOR lead
Dr Craig Lyness Vascular, Renal Cancer lead, Clinical Service lead
Dr Sandi Wylie Vascular, Divisional Director
Dr Michael Shaw Vascular, QI (ROFPAQ) lead
Dr Stephen Richards Vascular, Obstetrics
Dr Lasitha Abeysundara, Vascular, POA, MDT, Simulation lead
Dr Alex Leigh Education Lead
Dr Bindiya Varma College Tutor

Duration of post 6 months Background

The Royal Free is a tertiary referral centre for liver and renal transplantation, hepatobiliary cancer, renal cancer, sarcoma, vascular, plastics, hand trauma, colorectal and endocrine surgeries, in addition to interventional radiology and endoscopy, providing a breadth of experience in major complex surgeries.

We are a warm and friendly department perched on the edge of Hampstead Heath and have over 50 consultants with a wide variety of skills and experience, with links to the RCoA and national committees and guidelines groups.

We are committed to ensuring that our SIA residents get the most out of their post and will endeavour to welcome you into the team ahead of your start date so that you can hit the ground running with an idea of the projects that await you. We will discuss your learning objectives and personal interests and help you seek out opportunities to achieve

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your goals during your SIA. Over the course of this SIA you will develop the skills and CV to gain the job you want and a competitive edge. Generic and transferrable skills in anaesthetising complex high risk vascular patients and experience in the expanding field of peri-operative medicine will make you a sought-after consultant colleague.

About the Vascular service

In April 2012 The Royal Free Hospital was designated The North Central London Vascular Centre with the aim of providing a world-class vascular service for the benefit of the populations of North London, Essex, Hertfordshire and the south of England. This was followed in January 2013 by the NHS Commissioning Board making The Royal Free Hospital a specialist centre for complex endovascular stent grafts and the management of abdominal aortic aneurysms in high-risk patients. As a result, a multidisciplinary complex aorta team (CAT) has developed and the team is involved at all points in the delivery of care to these patients.

The North London Vascular Centre is now also responsible for the treatment of teenage and adult vascular malformations receiving tertiary referrals from across the UK and abroad. There is a 24/7 emergency vascular service for ruptured or leaking aneurysms requiring open or endovascular repair. Thus, patients are regularly transferred from other hospitals for vascular assessment and surgery.

Due to the extensive and complex nature of vascular surgery at the Royal Free Hospital we now have a dedicated team of vascular anaesthetists. There are 5 full day vascular lists per week to cover, consultant led vascular pre-assessment clinics for high risk and all complex patients, weekly MDT meetings, and a host of teaching, audit and research activities. Given the intensity, diversity and complex nature of our work and our patients we believe there is a host of training opportunities to be had by an advanced vascular anaesthesia resident.

Clinical aims

- Experience in the delivery of safe and effective perioperative anaesthetic care to patients undergoing simple and complex aortic aneurysm repair (open, EVAR & FEVAR), carotid endarterectomy, peripheral revascularisation surgery, amputation, AV malformations and emergency surgery
- Management of complex cases demonstrating multi-disciplinary leadership, effective communication and team working skills
- SIA residents will receive dedicated supervision in pre-operative assessment, risk stratification, counselling and consenting and pre-optimisation.
- Residents will play a vital role in the Complex Aortic Team and high-risk perioperative MDTs, presenting at meetings and becoming increasingly confident in shared decision making
- An exciting prehabilitation programme (MILE) has been introduced with extensive opportunities for involvement and innovation in a variety of roles

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- Support and expert supervision will be provided with the aim of developing confidence, leadership potential and independent clinical practice.

Practical procedures and additional skills

- Vascular access techniques
- Insertion and management of spinal drains for spinal cord protection
- One lung anaesthesia for sympathectomies
- Regional techniques and training with the acute pain team:
 - Superficial cervical plexus blocks for carotid endarterectomy
 - Spinal blocks, epidural anaesthesia and combined spinal & epidurals (CSE)
 - Fascia iliaca blocks for femoral endarterectomies/reconstructions
 - Various lower limb blocks for amputations (femoral, popliteal, sciatic, ankle)
 - Upper limb blocks for renal vascular access
- Confidence in major blood loss surgery and patient blood management
 - Rapid infusion devices
 - Cell salvage
 - Viscoelastic testing and interpretation
 - Platelet mapping
- Perioperative TOE for non-cardiac surgery
- Risk stratification and CPET interpretation

Out of hours work will normally be as part of the senior SpR rota with a 1:8 commitment. The rota is bespoke to accommodate individual leave requests.

Non clinical aims:

The SIA resident will receive expert supervision and dedicated time to get involved in a variety of projects through which to gain a deeper appreciation for the subspecialty and service. There is an expectation that you will complete a QI project, lead on service and pathway development and contribute to teaching. There are opportunities to be involved in research if desired.

Residents are encouraged to become members of the VASGBI and attendance and presentation of project work at this annual international meeting is strongly encouraged.

QI & Service development

The Royal Free Perioperative Audit and Quality improvement (ROFPAQ) group is active, meeting regularly and supporting residents to seek out meaningful relevant projects to positively impact perioperative patient care. The department is applying for ACSA accreditation and consequently there are a wealth of related projects available to

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residents. Previous QI projects relating to PBM, patient experience, ERAS to name a few, have been published and presented at a range of National and International meetings.

Teaching and education

SIA residents will be involved with designing and delivering teaching to the MDT (juniors, preassessment and PACU teams). There is potential to be involved with in situ simulation training. You will be faculty for the Regional Vascular Study Days and other in-house courses including Regional Anaesthesia for Vascular Surgery (Block of the Week) and Perioperative TOE depending on your interests. The SIA resident is expected to organise and run the Stage 2 Vascular regional training day (RTD).

The department has an active timetable of Friday morning meetings, journal clubs, coffee club, HPB teaching, clinical governance and audit meetings.

Research

The Royal Free has a proven track record for research and innovation and has presented and published widely as part of the Royal Free PeriOperative Research (ROFPOR) group. There are a number of vascular anaesthesia and perioperative research projects underway that have attracted successful grant funding including from the National Institute of Academic Anaesthesia and VASGBI, to undertake a multicentre trial in pre-operative anaemia, and single centre study to look at the effects of heparin in complex endovascular surgery.

Enthusiastic candidates are likely to get several non-clinical stage 3 domains signed off in addition to their SIA units (Professional Behaviours & Communication, Management & Professional & Regulatory Standards, Safety & QI, Education & Training, Research & managing data, Team working).

This SIA is an opportunity to step up to appreciate the extended role of the consultant, engage with management at an organisational level and gain a deeper understanding of a regional tertiary service.

Testimonials

If, like me, you enjoy coming into work, introducing yourself to some real ASA “three and a half” patients and then anaesthetising them for major complex surgery, then focusing on Vascular at the Royal Free would be a great job for you.

It’s an excellent set up to learn and develop in; with a host of brilliant consultants eager to support you across emergency and elective work, regional anaesthesia, pain management and the perioperative care of this challenging but charming cohort of patients.

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From the elective open AAA in the day time to the little toe amputations at night I felt exposed to a full range of the specialty, and was supported in developing my own independent practice from day one. A great job.

St Mary's Hospital SIA Vascular

Imperial College Healthcare NHS Trust

VASCULAR ANAESTHESIA Module Supervisor(s):

Drs Sadie Syed, Nathalie Courtois, Emma James & Pete Williamson

College Tutors-

Asela Dharmadasa asela.dharmadasa@nhs.net

Pete Williamson peter.williamson3@nhs.net

Background

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- Quaternary referral centre for open and endovascular aortic work
- Dedicated hybrid theatre and interventional radiology suite
- Active research and QI projects with dedicated administrative time
- Large and enthusiastic vascular team including nationally and internationally recognised specialists
- Two all day vascular lists run in theatre most days, as well emergency work. Clinical Aims/ Experience offered Gain mastery in the delivery of safe and effective perioperative anaesthetic care to these patients. Demonstrates the multi-disciplinary leadership, communication, and team-working skills necessary to ensure that the care delivered benefits both the patient and organisation.
- Elective and open aortic aneurysm repairs
- Endovascular aneurysm repairs
- Ultrasound guided regional anaesthesia for carotid endarterectomies and extremity work (including catheter techniques).
- Management of major haemorrhage
- Attendance at vascular MDTs and vascular pre-operative assessment clinics.
- Access to and training in the use of state-of-the-art equipment: Blood vending machines, Optiflow, 4 types of video laryngoscope, fiberoptic scopes, hover mattresses, Belmont rapid infusers, 12 ultrasound machines, cell salvage, Aisys C2 anaesthetic machines, electronic Anaesthetic records, TIVA and depth of anaesthesia monitoring available in every theatre. Academic & Management Aims
- Teach vascular anaesthesia to junior trainees • Participate in local research and QI initiatives with dedicated time built into rota.
- Submit abstracts to national and international conferences • Develop evidence-based guidelines for vascular anaesthesia
- Write business cases for new services or new equipment.

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- CV and interview preparation for consultant jobs St Mary's Hospital is a busy central London teaching hospital, major trauma centre and quaternary vascular centre. The Anaesthetic department comprises a dynamic group of consultants who are passionate about training with varied interests within and outside the specialty. Our ranks include the current Vice President of the RCoA, several RCoA Council members and two former AAGBI presidents, who bring with them a wealth of experience, wise counsel and connections. You will leave the department with increased confidence and new clinical & professional skills, feeling ready to start your consultant career. We look forward to welcoming you in the near future.

The Royal London Hospital Peri-Operative Medicine and Vascular SIA

Module Lead:

Mevan.goonaratne@nhs.net

Background:

- The Royal London Hospital is a tertiary centre with a wide variety of specialties and an abundance of opportunity to learn and develop skills in peri-operative medicine.
- As the regional centre for complex vascular surgery in the North East London network, this site provides trainees wishing to complete an SIA in peri-operative medicine with ample opportunities to develop their skills in the peri-operative care of the complex patient undergoing major surgery.
- We have a group of committed peri-operative physicians who have completed national and international fellowships, and are committed to the delivery of safe, patient-centred care throughout the peri-operative journey.
- We have a strong track record of success in education and research, having spoken and published data nationally and internationally about our experiences at The Royal London. We therefore feel that we are ideally placed to provide an Advanced Training Module in Peri-Operative Medicine to complement this.
- Additionally, the development of competencies in peri-operative care by definition necessitates experience in the intra-operative management of these patients. As such, this module is paired with an SIA in Vascular Anaesthesia.

Training Opportunities

Vascular Surgery

- Provide comprehensive peri-operative care for patients undergoing complex vascular procedures, including open aortic surgery, carotid surgery and major endovascular surgery
- Conduct a thorough pre-assessment for vascular surgery and ensure the patients and optimally prepared for the procedure.
- Attend and actively contribute to the vascular MDT and assist in shared decision-making regarding treatment options in vascular surgery.
- Become proficient in the conduct of anaesthesia for vascular surgery, including:
- Develop skills in the management of massive blood transfusion
- Gain experience in thoracic aortic surgery in partnership with St Barts Hospital
- Develop proficiency in regional anaesthetic techniques pertinent to vascular surgery.
- Gain expertise in the long-term, holistic clinical management of patients. This includes the pre-operative, intra-operative and post-operative period
- Develop the communication, leadership, and management skills to support patients in shared-decision making for high-risk surgery

Pre-Assessment Clinic

- RLH has a consultant-led pre-assessment clinic every day; with Mondays, Tuesdays, and Wednesdays in particular focused on reviewing patients who might benefit from cardio-pulmonary exercise testing.
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- Trainees would be expected to:
- Gain competence and confidence in independently reviewing a high-risk patient for complex surgery
- Gain familiarity with the principles of cardiopulmonary exercise testing
- Gain familiarity with the core principles of prehabilitation and their implementation
- Develop the leadership and management skills needed to run a pre-assessment clinic independently
- Develop the communication skills necessary for effective cross-specialty working to optimise high-risk patients for complex surgery

Peri-Operative Medicine MDT

- There is a weekly MDT attended by peri-operative physicians from multiple specialties.
- Trainees would be expected to:
- Develop skills to present high-risk patients to the multi-disciplinary team
- Follow-up patients throughout their peri-operative journey

On-call commitments

- o 1 in 8 to 1 in 10 resident registrar on call rota covering theatres

Anaesthesia for Bariatric Surgery

University College London Hospitals

Lead Supervisors: Dr Wint Mon (wint.mon@nhs.net)
Dr Michelle Cole (michelle.cole13@nhs.net)
Dr Becky Black (becky.black1@nhs.net)

The UCLH Bariatric Centre for Weight Management and Metabolic Surgery is one of the largest obesity and bariatric centres in the country. We carry out over 300 bariatric procedures a year including laparoscopic sleeve gastrectomy, laparoscopic one anastomosis gastric bypass (OAGB), Roux en Y gastric bypass (RYGB), single anastomosis duodeno-ileal bypass (SADI) and revisional procedures. We have well established bariatric enhanced ward care pathway and fast track pathway. We are pleased to offer a six-month 'Anaesthesia for bariatric surgery' SIA module. This SIA can also be offered as part of a year-long post in combination with SIA placements in Anaesthesia for Major General Surgery and Perioperative Medicine, and Anaesthesia for Thoracic Surgery.

SIA Aims: Provide mastery in anaesthesia for bariatric surgery and involvement in the multi-disciplinary management of obesity

Clinical Opportunities

Clinical opportunities include:

- Anaesthesia for bariatric surgery
- Anaesthesia for anti-reflux surgery – Our bariatric surgeons have a pathway for patients with lung transplant who require anti-reflux surgery
- Bariatric medicine clinics
- MDT educational sessions
- Bariatric MDT meetings

QI and Pathway development projects

The department strongly supports innovative projects to assess and analyse current practises and improve patient outcomes in a wide variety of pre- and post-operative settings. Trainees are encouraged and supported to lead on these projects, and then are facilitated to present and publish outcomes from them.

As examples, recent and upcoming projects include:

- Development of new pathway to identify and manage perioperative patients with OSA

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- Introduction and piloting of video consultations in pre-assessment
- Short stay bariatric surgery pathway

Interested applicants are encouraged to make contact to discuss opportunities further. All SIA residents will be placed on one of the four registrar on-call rotas at UCH, which can include covering obstetrics.

SIA: Perioperative medicine & Major General Surgery Royal Free London NHS Trust, Hampstead

Unit Supervisor: Dr Marc Wittenberg

Marc.wittenberg@nhs.net

Unit Faculty of Consultant Anaesthetists

Dr Marta Campbell Lead for POA
Dr Louisa Shovel Lead for MILE and prehabilitation
Dr Marc Wittenberg Kidney Transplant lead
Dr Dominik Krzanicki Liver Transplant & HPB Lead
Dr Ciara Donohue Colorectal Lead, College Tutor
Dr Anish Amlani Vascular Lead
Dr Alexa Strachan TOE
Dr Edgar Brodtkin ACSA
Dr Pippa Pemberton Acute Pain Lead
Dr Sanjoy Saha NELA Lead
Dr Craig Lyness Clinical Service lead, Renal cancer
Dr Jude Cheong-Leen PACU lead
Dr Suehana Rahman Research (ROFPOR) lead, PQIP lead
Dr Michael Spiro Research (ROFPOR) lead and ERAS
Dr Michael Shaw QI (ROFPAQ) lead
Dr Taj Fregene Digital Lead
Dr Lasitha Abeyesundara Simulation lead
Dr Alex Leigh Education Lead
Dr Bindiya Varma College Tutor

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Duration of post: 6 months

Background

The Department of Anaesthesia & Perioperative Medicine at the Royal Free Hospital by Hampstead Heath, provides high quality perioperative care via a consultant led preoperative assessment clinic, 20 operating theatres and a post anaesthetic care unit (PACU).

We are a tertiary referral centre for liver and kidney transplantation, hepatobiliary cancer, renal cancer, sarcoma, vascular, plastics, hand trauma, colorectal and endocrine surgeries, in addition to interventional radiology and endoscopy, providing a breadth of experience in major complex surgeries both within and beyond the operating theatre.

The hepatobiliary service performs about 160 liver transplants per year. In addition, it is one of the largest units in Europe providing major hepatobiliary surgery including hepatic resection, biliary reconstruction and pancreatic surgery. The kidney transplant service performs about 150 renal transplants per year, both live and cadaveric.

The renal cancer service is the largest in the UK and the Royal Free is an accredited training centre for robotic urological surgery with over 400 cases per year. The regional endocrine service supports surgery for thyroid, parathyroid, neuroendocrine and adrenal surgery, including phaeochromocytoma excision. The Royal Free is also a major regional hub for open and endovascular surgery.

We are a warm and friendly department and have over 50 consultants with a wide variety of skills and experience, with links to the RCoA and national committee and guidelines groups.

We are committed and to ensuring that our SIA residents get their most out of their post and will endeavour to welcome you into the team ahead of your start date so that you can hit the ground running with an idea of the projects that await you. We will discuss your learning objectives and personal interests and help you seek out opportunities to achieve your goals during your SIA. Over the course of this SIA you will develop the skills and CV to gain the job you desire and give you a competitive edge. Generic and transferrable skills in anaesthetising complex high-risk patients and experience in the expanding field of peri-operative medicine will make you a sought-after consultant colleague.

Clinical aims

- Experience in the delivery of safe and effective perioperative anaesthetic care to patients undergoing complex major surgical lists, e.g., vascular, renal cancer and transplant, HPB, colorectal or endocrine (NET, thyroid, adrenal surgery)

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- Management of complex cases demonstrating multi-disciplinary leadership, effective communication and team working skills.
- SIA residents will receive dedicated supervision in pre-operative assessment, frailty assessment, risk stratification, counselling and consenting and pre-optimisation.
- SIA residents will play a vital role in the high-risk perioperative MDTs, presenting at meetings and becoming increasingly confident in shared decision making.
- An exciting prehabilitation programme (MILE) has been introduced with extensive opportunities for involvement and innovation in a variety of roles.
- Attendance at relevant clinics will enrich perioperative education eg. Endocrine & NET clinics, care of the elderly pre-optimisation clinics.
- Focused post-operative inpatient ward rounds with perioperative medical consultants, on the surgical ICU and newly opened PACU.
- Active engagement with the acute inpatient pain team to enhance breadth of experience in post operative pain assessment, perioperative analgesic techniques, regional anaesthesia and use of wound catheters.
- Support and expert supervision will be provided with the aim of developing confidence, leadership potential and independent clinical practice.

Practical procedures and additional skills

- Risk stratification and CPET interpretation
- Perioperative TOE for non-cardiac surgery
- Regional techniques and training with the acute pain team
- Confidence in major blood loss surgery and patient blood management
 - IV iron for perioperative anaemia
 - Rapid infusion devices
 - Cell salvage
 - Viscoelastic testing and interpretation
 - Platelet mapping

Out of hours work will normally be as part of the senior SpR resident rota with a 1:8 commitment. The rota is bespoke to accommodate individual leave requests.

Non clinical aims:

SIA residents will have one session (half day) per week dedicated to non-clinical activities (EDT). The focus will be on gaining experience in leadership, management, QI and service development. These will be closely mapped to the RCoA curriculum.

QI & Service development

In order to ensure that the post is utilised to its maximum potential, residents will work on existing projects and be expected to ensure that successive SIA residents are able to start on a project as soon as they commence in post. Additional support will be provided

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by the Royal Free Perioperative Audit and Quality improvement (ROFPAQ) group and ACSA accreditation team.

Previous QI projects relating to kidney transplant, perioperative goal directed fluid therapy, ERAS, PBM, prehabilitation and patient experience to name a few, have been published and presented at a range of National and International meetings.

SIA residents may be involved with national projects including NELA and PQIP.

Teaching and education

SIA residents will be involved with designing and delivering teaching to the MDT (junior residents, preassessment and PACU teams). There is potential to be involved with in situ simulation training.

The department has an active timetable of Friday morning meetings, journal clubs, coffee club, HPB teaching, Block of the Week teaching, regular clinical governance and audit meetings.

We will endeavour to support residents wishing to undertake an MSc/diploma/certification in perioperative medicine.

Research

The Royal Free has a proven track record for research and innovation and has presented and published widely as part of the Royal Free PeriOperative Research (ROFPOR) group. Residents might be involved with recruitment and consent for major surgery patients being enrolled in ongoing multi-centre perioperative trials, in writing ethics proposals, data collection, abstract writing, presentation and publication. Participation in the Good Clinical Practice training course will be encouraged.

Leadership and Management

Residents will be welcome to

- Shadow clinical and non-clinical leaders
- Attend risk management and patient safety meetings
- Undertake shared learning projects

Enthusiastic candidates are likely to get several non-clinical stage 3 domains signed off in addition to their SIA units (Professional Behaviours & Communication, Management & Professional & Regulatory Standards, Safety & QI, Education & Training, Research & managing data, Team working).

Anaesthesia for Major General Surgery and Perioperative Medicine University College London Hospitals

Lead Supervisors: Dr Abigail Whiteman (abigail.whiteman@nhs.net)
Dr Wint Mon (wint.mon@nhs.net)

UCH provides surgical treatment for many high risk, complex cancer patients making it an ideal site to undertake an SIA placement in major general surgery and perioperative medicine. The department has long been at the forefront of the change to embrace more perioperative medicine, and now offers an exciting range of clinical opportunities, as well as QI and educational opportunities, in this area.

We are pleased to offer a six-month 'Major General and Perioperative Medicine' SIA. This position can be a combined placement in both areas, or more tailored towards one specialty depending on the interest of the trainee.

SIA Aim: Provide mastery in all the surgical specialties identified in the RCoA SIA Major General Curriculum, underpinned by extensive practical perioperative medicine experience. Dedicated educational development time and financial support to undertake the UCL Postgraduate Certificate in Perioperative Medicine will ensure rich opportunities in the non-clinical domains.

Clinical Opportunities

Clinical opportunities within anaesthesia for major general surgery include:

- Major urological, gynaecological, and general robotic surgery
- Major gynae-oncological surgery
- Upper GI surgery including oesophagectomies and gastrectomies
- Major thoracic surgery
- Bariatric surgery
- Major endocrine surgery

Clinical opportunities within perioperative medicine include:

- Orthopaedic combined anaesthetic and geriatrician high risk clinic (COMPAC)
- One-stop radical cystectomy clinics including enhanced recovery school and CPET
- Supervised and solo sessions within a busy general pre-assessment clinic
- Gynae-oncology shared decision-making clinic
- Bariatric MDT meetings
- Specialty pre-assessment clinics: thoracic, urology, head and neck
- Supervised and solo sessions within a busy general pre-assessment clinic
- NELA post-operative ward rounds
- Short secondments to the Post Anaesthetic Care Unit supervised by Professor David Walker and the perioperative team
- Observation and interpretation of cardio-pulmonary exercise testing

Non-clinical Opportunities

QI and Pathway development projects

The department strongly supports innovative projects to assess and analyse current practises and improve patient outcomes in a wide variety of pre- and post-operative settings. Trainees are encouraged and supported to lead on these projects, and then facilitated to present and publish outcomes from them.

As examples, recent and upcoming projects include:

- Standardising cognitive assessment in PAC and setting up a pathway for surgical patients with known cognitive impairment
- Introducing the 'POPS' model perioperative care for colorectal patients
- Development of new pathway to identify and manage perioperative patients with OSA
- Retrospective data analysis linking surgical outcomes to good pre-assessment in robotic surgery
- Use of EPIC data to analyse patient outcomes and feedback into pathway improvement
- Introduction and piloting of video consultations in pre-assessment

Education

The department has a strong legacy in educational projects related to perioperative medicine. It was the first department to offer a dedicated teaching module to trainees in perioperative medicine and the UCL Perioperative Medicine Massive Open Online Course (MOOC) has now attracted over 30 000 participants across the world.

Trainees would have the opportunity to contribute to ongoing and upcoming projects:

- Contribution and online publication of updates to the UCL Perioperative Medicine in Action MOOC and UCH trainee perioperative medicine online module
- Development of a programme to support for SIAs in Perioperative Medicine
- Lecturing at regional teaching days in POM
- Publication of invited educational articles

Interested applicants are encouraged to make contact to discuss opportunities further.

All SIA residents will be placed on one of the four registrar on-call rotas at UCH, which can include covering obstetrics.

The Royal London Hospital Peri-Operative Medicine and Major General SIA

Module Lead:

c.pang@nhs.net

Background:

- The Royal London Hospital is a tertiary centre with a wide variety of specialties and an abundance of opportunity to learn and develop skills in peri-operative medicine.
- As the regional centre for complex abdomino-pelvic cancer surgery in the North East London network, this site provides trainees wishing to complete an SIA in peri-operative medicine with ample opportunities to develop their skills in the peri-operative care of the complex patient undergoing major surgery.
- We have a group of committed peri-operative physicians who have completed national and international fellowships, and are committed to the delivery of safe, patient-centred care throughout the peri-operative journey.
- We have a strong track record of success in education and research, having spoken and published data nationally and internationally about our experiences at The Royal London. We therefore feel that we are ideally placed to provide an Advanced Training Module in Peri-Operative Medicine to complement this.
- Additionally, the development of competencies in peri-operative care by definition necessitates experience in the intra-operative management of these patients. As such, this module is paired with an SIA in Major General Anaesthesia.

Clinical Aims:

- Gain competence in the delivery of safe and effective perioperative anaesthetic care to patients undergoing complex abdomino-pelvic surgery
- Gain mastery in the understanding and management of major abdominal surgery, as well as its potential risks
- Gain expertise in the long-term, holistic clinical management of patients. This includes the pre-operative, intra-operative and post-operative period
- Develop the communication, leadership, and management skills to support patients in shared-decision making for high-risk surgery

Training Opportunities

Complex Abdomino-Pelvic Surgery

- RLH is the lead site for patients undergoing complex abdomen-pelvic cancer surgery.
- This includes patients undergoing surgery for colorectal, hepatobiliary, urological, and gynae-oncology cancers. Each subspecialty has a dedicated group of core anaesthetists who have developed expertise in the management of patients having radical surgery.

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- Other important examples of these procedures to note include: ultra-radical debulking for pelvic cancers, and hyperthermic intraperitoneal chemotherapy (HIPEC).
- Trainees would be expected to:
 - Gain competence in anaesthesia for the key procedures performed at this site
 - Have exposure to the less routine surgeries such as HIPEC

HPB Surgery

- RLH is a tertiary site for HPB surgery. This includes all aspects of HPB surgery, excluding transplant surgery. Major surgery such as PPPD and hepatectomies will give the trainee ample experience in surgery such as this, allowing them to grasp the nuances of anaesthetic techniques for these operations.

Pre-Assessment Clinic

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- RLH has a consultant-led pre-assessment clinic every day; with Mondays, Tuesdays, and Wednesdays in particular focussed on reviewing patients who might benefit from cardio-pulmonary exercise testing.
- Trainees would be expected to:
 - Gain competence and confidence in independently reviewing a high-risk patient for complex surgery
 - Gain familiarity with the principles of cardiopulmonary exercise testing
 - Gain familiarity with the core principles of prehabilitation and their implementation
 - Develop the leadership and management skills needed to run a pre-assessment clinic independently
 - Develop the communication skills necessary for effective cross-specialty working to optimise high-risk patients for complex surgery

Peri-Operative Medicine MDT

- There is a weekly MDT attended by peri-operative physicians from multiple specialties.
- Trainees would be expected to:
 - Develop skills to present high-risk patients to the multi-disciplinary team
 - Follow-up patients throughout their peri-operative journey

On-call commitments

- o 1 in 8 to 1 in 10 resident on call rota covering theatres

Anaesthesia for Major General Surgery and Perioperative Medicine SIA

Barking, Havering & Redbridge university hospitals NHS Trust

Module Leads

Dr Ankit Kumar (ankit.kumar@nhs.net)

Dr Lee Adams (lee.adams3@nhs.net)

Dr Ahmer Mosharaf (ahmer.mosharaf@nhs.net)

Background

We provide care for a population of around 750,000 people across north east London (NEL) and that number is predicted to increase by 15 per cent over the next ten years. We serve three London boroughs with diverse populations. We also provide healthcare services to people in south west Essex, and specialist neurosciences services to the whole of the county.

Our services include all the major specialties of large acute hospitals including:

- Upper GI surgery & Lower GI surgery including robotic surgery.
- Vascular and IR surgery.
- Gynaecological, oncological major pelvic with HIPEC.
- Neurosurgery including complex spinal procedures and neuroradiology.
- Complex orthopaedic upper and lower limb including regional anaesthesia.
- Endocrine surgery.

We operate from two main sites - King George Hospital in Goodmayes and Queen's Hospital in Romford. We have two of the busiest emergency departments in London.

Over recent years, our Trust has made significant improvements to the quality of care we provide patients. Our teams have been finding innovative new ways to tackle waiting lists and get patients the care they need as quickly as possible. And they've come up with equally inventive names, from super clinics such as Bones R Us through to the Scalpel Project and Gastronaughts!

We know that we have much work to do to improve waiting times for urgent and emergency care, and performance against the four-hour emergency access standard remains challenged. This aspect of the organisation's work will be one of the many benefits of closer collaboration with Barts Health.

Other investments include £11.5m being spent to expand and enhance critical care at both sites, as well as improvements to our Emergency Departments. Additionally, there are two new theatres being built at King George Hospital to further expand the capacity of the Elective Surgical Hub. Our elective recovery is supported by 8 dedicated perioperative ICU beds with a total of 67 across both sites.

We were recently commended at the Health Service Journal awards in 2023 for our work to diminish the elective back log and achieving one of the lowest waiting list times in the country.

North London SIA 2026 - 2027

We are dedicated to ensuring that our SIA trainees derive the maximum benefit from their post. We will engage in discussions about your learning objectives and personal interests, assisting you in identifying opportunities to accomplish your goals during your SIA. Trainees in their final 6 months of training will receive support to officially 'act up' during the last 3 months of their placement. This opportunity, lauded by previous trainees, proves invaluable in facilitating the transition to independent consultant work. Interested applicants are encouraged to make contact to discuss opportunities further.

Clinical Aims

- Gain competence in the delivery of safe and effective perioperative anaesthetic care to patients undergoing complex abdomino-pelvic surgery
- Pre-operative assessment clinics including risk assessment for patients undergoing major abdominal surgery and planning for high risk patients. Trainees would be expected to Gain competence and confidence in independently reviewing a high-risk patient for complex surgery
- Involvement with peri-operative surgical preparation pathways such as enhanced recovery and ICU pathways.
- experience of broad range of elective and emergency major procedures in general, gynaecological, HIPEC, vascular and urological surgery including major cancer and intra-abdominal endocrine surgery.
- On call commitments will include providing anaesthesia for emergency surgical patients and/or providing care for perioperative patients on the elective HDU.

Non-Clinical Aims

- The department strongly supports innovative projects to assess and analyse current practises and improve patient outcomes in a wide variety of pre- and post-operative settings. Trainees are not only encouraged but also supported to take the lead on these projects, with subsequent facilitation to present and publish the outcomes.
- Develop the communication, leadership, and management skills to support patients in shared-decision making for high-risk surgery including take active part in the MDT process.
- Senior trainees will be encouraged to 'act up' with supervision to develop skills in preparation for independent consultant working.
- Trainees will be actively encouraged to take educational development time (4 hours per week) to contribute to projects of their choice such as:
 - Development of peri-operative pathways and QI.
 - Education projects such as in-situ simulation training, regional anaesthesia teaching and delivering local teaching to the MDT.
 - The department has a strong developing Research department with active recruitment to large RCTs taking place on both sites. Participation in the Good Clinical Practice training course will be encouraged.

The Royal Marsden NHS Foundation Trust

Anaesthesia for Major General Surgery

Unit Supervisors: Dr Sophie Uren, Dr Jakob Mathiszig-Lee

The Royal Marsden is Europe's largest comprehensive cancer centre with an international reputation for excellence. The hospital is rated outstanding by the CQC and is the number one rated hospital in London for cancer patient experience. Along with our chief academic partner, the Institute for Cancer Research, we are ranked in the top 5 global cancer centres for research impact.

Participation in the Major Surgery SIA would involve joining a department of 37 consultants with a wide range of sub-specialty interests along with a large cohort of fellows and rotational trainees.

Major Surgery at the Royal Marsden encompasses a comprehensive range of specialties for our cohort of patients who come to us from across the UK and abroad. Complex major surgery takes place every day, in several theatres, and frequently involves multi-specialty operating including working alongside external teams.

Prospective SIA trainees will be expected to be enthusiastic, proactive, members of the department with the aim of being able to anaesthetise complex major surgery cases with minimal supervision by the end of their attachment.

Pre-operative assessment

Trainees will undertake regular sessions in our pre-op assessment clinic to gain a comprehensive understanding of joint decision making for major surgery and peri-operative risk-assessment including cardio-pulmonary exercise testing, referrals to other specialties and prehabilitation.

There are several multi-speciality pre-operative MDT's that take place each week and trainees are encouraged to attend.

Intraoperative learning

Speciality	Example operation(s)
Upper GI	Oesophagectomy, Total Gastrectomy
Hepatobiliary	Hemi hepatectomy, Robotic/Open Whipples
Lower GI	Total Pelvic Exenteration
Gynaecology	HIPEC, Exenterative surgery, primary debulking
Urology	Open Retroperitoneal Lymph Node Dissection +/- caval involvement
Sarcoma	Isolated Limb Perfusion, Retroperitoneal resections

Post operative care

On our 16 bed critical care unit trainees will have the opportunity to provide continuity of care for their cases involving early rehab, comprehensive pain management and management of peri-operative complications.

Educational Opportunities

- Weekly departmental teaching
- New dedicated trainee teaching program
- Regular tea trolley airway teaching
- Sim, including regular paediatric retrieval refreshers
- Participation in establishing training programs for nursing colleagues

Additional Development

Research

The department is very research active and recruits large numbers of patients to major studies such as VITAL, PQIP and PREVENTT as well engaging in smaller scale projects. Whilst completion of an entire project within 6 months is not realistic, trainees will have significant opportunities to be research active and complete at least one phase of a project (e.g. protocol writing, recruitment, data analysis) if desired.

Quality Improvement

With such a busy service there are many opportunities for trainees to deliver QI projects with impact. There are many possible projects that can be tailored to suit interests and could encompass:

- Patient blood management (Anaemia, TEG, Cell salvage)
- Pain (revision of thoracic epidural guidelines, establishment of wound catheters)
- Equipment (introduction of new devices)
- Patient safety and education

Management

Many members of the department have a management interest with several holding, or having held, senior positions within the hospital and in major external organisations. There is a regular management course which has proved extremely helpful for those looking to develop management roles or those preparing for consultant posts.

Informatics

Having recently gone live with our new Epic electronic health record there are many opportunities for trainees to exploit its capabilities to enhance the care of patients undergoing major surgery and improve the day to day working of clinicians.

On Call

Currently a 1:10 resident shift on our 16 bed Critical Care unit that caters for our post op surgical patients and an interesting mix of complex oncology patients.

All trainees will rotate to the Sutton site for one week to help cover our busy paediatric service where there is the opportunity to become comfortable with paediatric out of theatre sedation.

SIA in ANAESTHESIA FOR MAJOR GENERAL Hammersmith Hospital

Clinical supervisors:

Dr Ester Avagliano

Dr Sonali Thakrar

Dr Ruth Bedson

Dr Alex Wickham

Dr Zainab Aboud

Dr Kiran Chima

Dr Oliviero Crescenzi

Dr Abtin Sadhegi

Dr Hiren Tailor

Background:

This is a 6 month SIA placement at the Hammersmith Hospital; covering the Stage 3 SIA Major General Surgery curriculum of the Royal College of Anaesthesia (RCOA). This placement is suited to senior trainees who would like to gain mastery in major complex surgery prior to CCT. In addition, senior trainees would be encouraged and supported to enhance their non-clinical skills which include management, research, education, and quality improvement.

This would ideally be paired with an SIA in Obstetric anaesthesia at Queen Charlottes and Chelsea Hospital.

Clinical experience:

The Hammersmith Hospital is a major specialist hospital situated in Northwest London. It is part of Imperial College Healthcare NHS Trust (ICHT) and has a well-established reputation for clinical excellence, innovation and achievement. It offers a range of service in major general surgery which include hepatobiliary, upper GI, endocrine (including high risk adrenalectomy). We are a tertiary referral centre for major gynae-oncology and renal transplant. It has strong research connections and is home to a dedicated heart attack centre and Europe's largest renal transplant centre. Post holders would have the opportunity to take part and gain extensive experience in the safe delivery of perioperative care for major surgery including:

- Preoperative assessment and perioperative optimisation for major surgery
- Gaining Intraoperative experience and competence in the delivery of a variety of anaesthetic techniques including central neuraxial blockade, gas and TIVA anaesthetic, double lumen tube insertion and management, and major blood loss.
- Gaining mastery in the understanding and management of major abdominal surgery

North London SIA 2026 - 2027

- Developing communication, leadership, and management skills to support patients in shared decision making for high-risk surgery.

We are a small yet friendly department of 35 consultants with a variety of skill and experience. We have links to the RcoA and national committees and guidelines groups. We would be committed to ensuring that SIA trainees get the most out of their time in our department.

Academic and management

This is an exciting opportunity for anaesthetic doctors who wish to expand their horizons in research and academic pursuits at Hammersmith Hospital. We invite dedicated trainees and specialty doctors with a keen interest in major general surgical and perioperative medicine to join our active perioperative research team.

This placement is ideally suited for specialty doctors at the senior clinical fellow level who are eager to deepen their research expertise. The post affords tailored supervision, skill-building competencies, and six months of dedicated research time commensurate with the requirements for special skills training in academic research for anaesthetic training as described by the Royal College of Anaesthetists. As such, the post would also be suitable for stage 2 and 3 special skills training in academic research with the relevant approvals of the local RCOA regional advisor and training programme director.

As part of our vibrant department, you will have the opportunity to actively engage in a wide range of research and academic activities. From participating in NIHR portfolio trials and national audits to driving quality improvements and leading trainee-led projects, trainees will play a pivotal role in advancing perioperative care.

Our research interests span across basic, translational, and clinical realms, covering topics such as anaesthesia in major general surgery, perioperative multi-organ failure, postoperative pulmonary complications, acute kidney injury, and sepsis. It is anticipated that research output from this post will be suitable for national and international recognition, with opportunities for presentation and publication in esteemed peer-reviewed journals. Trainees will be invited to become honorary research fellows in the Division of Anaesthesia, Pain Medicine and Intensive Care at Imperial College London.

If you are a motivated anaesthetic trainee or specialty doctor eager to make a difference in major general surgery and perioperative research, we encourage you to undertake this exciting placement and join our dynamic team at Hammersmith Hospital.

General Responsibilities:

- Full time and LTFT posts are available.
- The post holder will take part in the theatres registrar rota oncall (1:8 oncall) alongside an SHO level trainee who they will supervise. This follows a full shift pattern with prospective cover and is European Working Time Directive compliant.
- While oncall, the trainee is expected to cover anaesthetic provision for the heart attack centre, cardiac arrests, aortic dissection, theatres take backs, and anaesthesia for renal transplantation. There is dedicated supervision and support out of hours from a consultant cardiac anaesthetist and consultant major general anaesthetist.

North London SIA 2026 - 2027

- The post holder is expected to work as a team with our ICU training colleagues.

Normal working hours are as follows:

Normal Day: 7:30am - 5:30pm (10hrs)

Weekday Long day: 7:30am - 8:30pm

Weekend & Bank Holiday Long Day: 8:00am - 8:30pm Weekday Nights: 8pm-8am

Weekends & Bank Holiday Nights: 8pm to 8:30am

Education:

The department has a well-established weekly teaching programme which includes both consultant and trainee presentation of various topics applicable to the syllabus for Major General training.

There is a trust-wide CEPD half-day meeting held 6 times a year.

We would encourage trainees to attend other CPD opportunities include North London HEE training days.

Teaching is a core component of SIAs and trainees will have opportunities to provide teaching to undergraduates, postgraduates and allied health professionals.

Clinical research opportunities:

Trainees will be encouraged to participate in project under the supervision of a consultant anaesthetist. In addition, there are opportunities to get involved in clinical translational research conducted by the departments academic in perioperative medicine.

SIA in ANAESTHESIA FOR MAJOR GENERAL SURGERY / RESEARCH & MANAGING DATA

Hammersmith Hospital

Clinical supervisors:

Dr Ester Avagliano

Dr Sonali Thakrar

Dr Ruth Bedson

Dr Alex Wickham

Dr Zainab Aboud

Dr Kiran Chima

Dr Oliviero Crescenzi

Dr Abtin Sadhegi

Dr Hiren Tailor

Dr Sanooj Soni

Background:

This is a 12 month SIA placement at the Hammersmith Hospital; covering the Stage 3 SIA Major General Surgery curriculum of the Royal College of Anaesthesia (RCOA) and stage 3 SIA Research and Managing Data.

This placement is suited to senior trainees who would like to gain mastery in major complex surgery prior to CCT. In addition, demonstrate experience and skill required to coordinate and lead a research project.

Clinical experience:

The Hammersmith Hospital is a major specialist hospital situated in Northwest London. It is part of Imperial College Healthcare NHS Trust (ICHT) and has a well-established reputation for clinical excellence, innovation and achievement. It offers a range of service in major general surgery which include hepatobiliary, upper GI, endocrine (including high risk adrenalectomy). We are a tertiary referral centre for major gynae-oncology and renal transplant. It has strong research connections and is home to a dedicated heart attack centre and Europe's largest renal transplant centre. Post holders would have the opportunity to take part and gain extensive experience in the safe delivery of perioperative care for major surgery including:

North London SIA 2026 - 2027

- Preoperative assessment and perioperative optimisation for major surgery
- Gaining Intraoperative experience and competence in the delivery of a variety of anaesthetic techniques including central neuraxial blockade, gas and TIVA anaesthetic, double lumen tube insertion and management, and major blood loss.
- Gaining mastery in the understanding and management of major abdominal surgery
- Developing communication, leadership, and management skills to support patients in shared decision making for high-risk surgery.

We are a small yet friendly department of 35 consultants with a variety of skill and experience. We have links to the RcoA and national committees and guidelines groups. We would be committed to ensuring that SIA trainees get the most out of their time in our department.

Academic and management

This is an exciting opportunity for anaesthetic doctors who wish to expand their horizons in research and academic pursuits at Hammersmith Hospital. We invite dedicated trainees and specialty doctors with a keen interest in major general surgical and perioperative medicine to join our active perioperative research team.

This placement is ideally suited for specialty doctors at the senior clinical fellow level who are eager to deepen their research expertise. The post affords tailored supervision, skill-building competencies, and six months of dedicated research time commensurate with the requirements for special skills training in academic research for anaesthetic training as described by the Royal College of Anaesthetists. As such, the post would also be suitable for stage 2 and 3 special skills training in academic research with the relevant approvals of the local RCOA regional advisor and training programme director.

As part of our vibrant department, you will have the opportunity to actively engage in a wide range of research and academic activities. From participating in NIHR portfolio trials and national audits to driving quality improvements and leading trainee-led projects, trainees will play a pivotal role in advancing perioperative care.

Our research interests span across basic, translational, and clinical realms, covering topics such as anaesthesia for major general surgery, perioperative multi-organ failure, postoperative pulmonary complications, acute kidney injury, and sepsis. It is anticipated that research output from this post will be suitable for national and international recognition, with opportunities for presentation and publication in esteemed peer-reviewed journals. Trainees will be invited to become honorary research fellows in the Division of Anaesthesia, Pain Medicine and Intensive Care at Imperial College London.

If you are a motivated anaesthetic trainee or specialty doctor eager to make a difference in major general surgery and perioperative research, we encourage you to undertake this exciting placement and join our dynamic team at Hammersmith Hospital.

North London SIA 2026 - 2027

General Responsibilities:

- Full time and LTFT posts are available.
- The post holder will take part in the theatres registrar rota oncall (1:8 oncall) alongside an SHO level trainee who they will supervise. This follows a full shift pattern with prospective cover and is European Working Time Directive compliant.
- While oncall, the trainee is expected to cover anaesthetic provision for the heart attack centre, cardiac arrests, aortic dissection, theatres take backs, and anaesthesia for renal transplantation. There is dedicated supervision and support out of hours from a consultant cardiac anaesthetist and consultant major general anaesthetist.
- The post holder is expected to work as a team with our ICU training colleagues.

Normal working hours are as follows:

Normal Day: 7:30am - 5:30pm (10hrs)

Weekday Long day: 7:30am - 8:30pm

Weekend & Bank Holiday Long Day: 8:00am - 8:30pm Weekday Nights: 8pm-8am

Weekends & Bank Holiday Nights: 8pm to 8:30am

Education:

The department has a well-established weekly teaching programme which includes both consultant and trainee presentation of various topics applicable to the syllabus for Major General training.

There is a trust-wide CEPD half-day meeting held 6 times a year.

We would encourage trainees to attend other CPD opportunities include North London HEE training days.

Teaching is a core component of SIAs and trainees will have opportunities to provide teaching to undergraduates, postgraduates and allied health professionals.

Clinical research opportunities:

Trainees will be encouraged to participate in project under the supervision of a consultant anaesthetist. In addition, there are opportunities to get involved in clinical translational research conducted by the departments academic in perioperative medicine.

The Royal Marsden NHS Foundation Trust

Perioperative Medicine

Unit Supervisors: Dr Judith Tomlinson, Dr Don Milliken

The Royal Marsden is Europe's largest comprehensive cancer centre with an international reputation for excellence. The hospital is rated outstanding by the CQC and is the number one rated hospital in London for cancer patient experience. Along with our chief academic partner, the Institute for Cancer Research, we are ranked in the top 5 global cancer centres for research impact.

Participation in the Perioperative Medicine SIA would involve joining a department of 37 consultants with a wide range of sub-specialty interests along with a large cohort of fellows and rotational trainees.

Perioperative Medicine at the Royal Marsden is well established. Our patient cohort come to us from across the UK and abroad for intervention across a number of specialties and multi-specialty surgery is not uncommon. Complex major surgery takes place every day, in several theatres, and consequently this is reflected in the daily preassessment clinic caseload.

Prospective SIA trainees will be expected to be enthusiastic, proactive, members of the department with the aim of being able to work independently in preassessment clinic as well as having the ability to develop bespoke management and optimisation plans for complex patient throughout the perioperative period.

Pre-operative assessment

Trainees will undertake regular sessions in our preassessment clinic to gain a comprehensive understanding of shared decision making for major surgery and peri-operative risk-assessment including cardio-pulmonary exercise testing, referrals to other specialties and prehabilitation programmes. Frailty and delirium programmes are integrated into our preassessment service. Preassessment clinics run daily and are consultant led with cardio-pulmonary exercise testing happening three times a week.

There are several multi-specialty pre-operative MDT's that take place each week and trainees are encouraged to attend.

Intraoperative learning

Major surgery occurs across a number of specialties and we look to provide opportunities across these.

North London SIA 2026 - 2027

Speciality	Example operation(s)
Upper GI	Oesophagectomy, Total Gastrectomy
Hepatobiliary	Hemi hepatectomy, Robotic/Open Whipples
Lower GI	Total Pelvic Exenteration
Gynaecology	HIPEC, Exenterative surgery, primary debulking
Urology	Open Retroperitoneal Lymph Node Dissection +/- caval involvement
Sarcoma	Isolated Limb Perfusion, Retroperitoneal resections

Post operative care

On our 16 bed critical care unit trainees will have the opportunity to provide continuity of care for their cases involving Enhanced Recovery After Surgery (ERAS) and early identification and management of peri-operative complications. Further to this there are also acute pain management services and an anaemia management service which aid in working towards holistic care of the patient through their perioperative journey.

Educational Opportunities

- POETTS CPET accreditation encouraged (perioperative exercise testing and training society)
- Weekly departmental teaching and a dedicated trainee teaching program
- Active engagement in SIA module development
- Participation in establishing teaching/training programs for nursing colleagues
- Regular tea trolley difficult airway teaching
- Simulation, including regular paediatric retrieval refreshers

Previous projects have included:

- Development of an e-learning platform for preassessment nurses
- Book chapters on transfusion medicine and patient blood management
- Development of trainee perioperative journal and discussion group

Additional Development

Research

The department is very research active and has recruited large numbers of patients to major studies such as VITAL, PQIP, PRISM, METS and PREVENTT as well engaging in smaller scale projects. Whilst completion of an entire project within 6 months is not realistic, trainees will have the opportunity to be research active and complete at least one phase of a project (e.g. protocol writing, recruitment, data analysis) if desired.

Recently published and ongoing research includes:

- Milliken D, Rooms M, Moonesinghe SR, Jhanji S. Peak power output testing: novel method for preoperative assessment of exercise capacity. Br J Surg. 2022 Feb 1;109(2):220-226.
- Nawoor-Quinn Z, Oliver A, Raobaikady R, Mohammad K, Cone S, Kasivisvanathan R. The Marsden Morbidity Index: the derivation and validation of a simple risk index scoring system using cardiopulmonary exercise testing variables to predict morbidity in high-risk patients having major cancer surgery. Perioper Med (Lond). 2022 Sep 22;11(1):48.

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- Mathiszig-Lee, J.F., Catling, F.J.R., Moonesinghe, S.R. *et al.* Highlighting uncertainty in clinical risk prediction using a model of emergency laparotomy mortality risk. *npj Digit. Med.* **5**, 70 (2022).
- Assessing the accuracy of Seismofit as an estimate of VO₂peak in patients with hepato-pancreato-biliary, colorectal, and gastro-oesophageal cancer – Evaluation in high risk surgical patients of a non-invasive device designed to estimate VO₂max (Seismofit). [https://www.bjaopen.org/article/S2772-6096\(25\)00019-X/fulltext](https://www.bjaopen.org/article/S2772-6096(25)00019-X/fulltext)

Quality Improvement

With such a busy service there are many opportunities for trainees to deliver QI projects with impact. There are many possible projects that can be tailored to suit interests and could encompass:

- Patient blood management (Anaemia, TEG, Cell salvage)
- Pain (revision of thoracic epidural guidelines, establishment of wound catheters)
- Equipment (introduction of new devices)
- Patient safety and education
- Development of specialty-specific novel perioperative pathways – Prehabilitation and ERAS
- Development and use of data from newly instituted EPIC electronic health record

Examples include

- Quality improvement project designed to improve documentation of risk assessment and shared decision making in pre-assessment of patients being evaluated for major surgery. This led to a re-design of our preoperative electronic documentation.
- Enhanced Preoperative Assessment for the Older Person: design of a preoperative pathway for older persons having major surgery, including Comprehensive Geriatric Assessment-based assessment tool and referral pathways.
- Audit of surgical cases cancelled at short notice or on the day of surgery. This led to introduction of automated messages to patients reminding them to adhere to medicines advice in the period before surgery.

Management

Many members of the department have a management interest with several holding, or having held, senior positions within the hospital and in major external organisations. There is a regular management course which has proved extremely helpful for those looking to develop management roles or those preparing for consultant posts.

On Call

Currently a 1:10 resident shift on our 16 bed Critical Care unit that caters for our post op surgical patients and an interesting mix of complex oncology patients.

All trainees will rotate to the Sutton site for one week to help cover our busy paediatric service where there is the opportunity to become comfortable with paediatric out of theatre sedation.

SIA: Neuroanaesthesia

**National Hospital for Neurology and Neurosurgery, University College London
Hospitals NHS Foundation Trust, Queen Square, London WC1N 3BG**

Duration: 6-months to 1-year

The National Hospital for Neurology and Neurosurgery (NHNN) is the UK's largest dedicated neurological and neurosurgical hospital. We provide a comprehensive service for the diagnosis, treatment and care of all conditions affecting the brain, spinal cord, peripheral nervous system, and muscles. With our neighbour, UCL Queen Square Institute of Neurology, we are a major international centre for research and training in neuroscience. The Hospital is a division of University College London Hospitals NHS Foundation Trust (UCLH).

Our Anaesthetic Department is Royal College of Anaesthetists (RCOA) Anaesthesia Clinical Services Accreditation (ACSA) accredited and is responsible for the provision of anaesthetic services within six operating theatres, interventional neuroradiology, and the interventional MRI operating suite. We offer a 24-hour emergency care service and seven-day mechanical thrombectomy service to treat acute stroke. The department also supports the care of patients admitted to our Neurocritical Care unit. This includes both medical and surgical patients.

Our neuroanaesthesia SIA training programme offers SpRs an opportunity to train in all aspects of peri-operative care for patients undergoing neurosurgery. We offer experience in the complete range of neurosurgical subspecialties including neuro-oncology (including awake craniotomies), pituitary, epilepsy, posterior fossa and skull base surgery, neurovascular and functional neurosurgery. We also provide perioperative care for patients undergoing cranio-cervical surgery, complex spinal surgery and interventional neuroradiological procedures. Intraoperative monitoring is used regularly. There is also an opportunity to gain experience in pre-operative assessment, pain management, tracheostomy care

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and neurocritical care. Our SIA programme offers the opportunity to attend neurovascular, and neuro-oncology multidisciplinary team meetings.

Our training program in perioperative neuroscience is also accredited by the International Council for Perioperative Neuroscience Training (ICPNT). The option to complete this program is available to SpRs who complete 1-year SIA in neuroanaesthesia. Our training experience is flexible and designed to meet individual learning and development plans. It is supported by dedicated weekly consultant led teaching and journal club as well as a monthly guest teaching programme delivered by expert speakers, regular mortality and morbidity meetings, and Quality and Safety meetings. As a department we are proactively engaged in the quality improvement and patient safety initiatives as well as teaching, management, and research. Opportunities to partake in neuro-simulation is also available. Our SpRs regularly present their work at national and international conferences. We have a departmental Diversity, Equality and Inclusion committee and an established wellbeing programme.

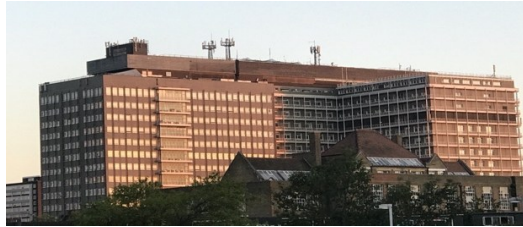
We look forward to welcoming you at NHNN. If you would like further information or would like to discuss any aspects of the SIA, please contact:

Dr Rob John

College Tutor

E: r.john@nhs.net Dr Valpuri Luoma College Tutor

Program Director, Neuroanaesthesia Fellowship College Tutor E: val.luoma@nhs.net



Charing Cross Hospital

Department of Anaesthesia

SIA Anaesthesia for Neurosurgery

Clinical Supervisors

Dr Stewart Berry	stewart.berry1@nhs.net
Dr Vidhya Nagaratnam	v.nagaratnam@nhs.net
Dr Ashwin Kalbag	ashwin.kalbag@nhs.net
Dr Shona Love	shona.love3@nhs.net
Dr Jason Wilson	jason.wilson2@nhs.net

Background

This is a 6- or 12-month SIA placement at Charing Cross Hospital covering the Stage 3 SIA Neuroanaesthesia curriculum of the Royal College of Anaesthesia (RCOA). This placement is suited to senior trainees who would like to sub-specialise in Neuroanaesthesia or prior to a post CCT fellowship. Support will be available to trainees undertaking activities that enhance their non-clinical skills such as education, research, and quality improvement and publication preparation.

Clinical Experience

Charing Cross Hospital has an international reputation for outcomes in Neurology and Neurosurgery. We are the largest neuro-interventional service for the sector. Post holders will have the opportunity to take part and gain extensive experience in the work we undertake:

- Craniotomies, both asleep and awake
- Base of skull surgery
- Functional surgery including deep brain stimulation
- Complex spine surgery (with neurophysiological monitoring)

North London SIA 2026 - 2027

- Transphenoidal surgery
- Interventional radiology (including emergency thrombectomy)

Practical experience will include safe positioning for neurosurgery including specialist equipment, advanced airway management skills and use of advanced patient monitoring.

Academic & Management

Examples of typical academic and management experience:

- Participation in national and international meetings by attendance and submission of abstracts.
- Development of anaesthetic protocols and SOPs for neuroanaesthesia and interventional radiology.

General Conditions & Responsibilities

- Full and LTFT posts are available
- The post holder will take part in the senior trainee on call rota alongside the other trainees and fellows, which currently operates at a frequency of 1 in 8, follows a full shift pattern with prospective cover and is European Working Time Directive compliant.
- In addition to elective theatre work, the trainee is expected to cover cardiac arrests, airway and other emergencies and the acute pain service when on call.
- The post will be covered by the arrangements for study leave and supervision that apply to trainees in PMETB approved posts. Study and annual leave are to be taken during weeks when not on call, or sessions moved accordingly.
- There is a strong departmental tradition of performing, presenting, and publishing research and audit projects. The post holder will support developments in education, research, leadership and quality improvement projects within the Trust.

Normal working hours

Stage 3 / Higher, Stage 2 / Intermediate & Fellows (Pager 8844/8189)

Normal Day: 7:30am - 5:30pm (10hrs)

Weekday Long day: 7:30am - 8:30pm

Weekend & Bank Holiday Long Day: 8:00am - 8:30pm

Weekday Nights: 8pm-8am

Weekends & Bank Holiday Nights: 8pm to 8:30am

Education

North London SIA 2026 - 2027

The department has a well-established weekly teaching programme from which the trainee can benefit from learning the topical issues and relevant literature. Additionally, a weekly 'Education and Wellbeing opportunities' email is circulated each Sunday evening, which includes events at other Imperial sites.

A Trust-wide CEPD half-day meeting held 6 times a year, often preceded by the Local Faculty Group meeting and a consultant meeting.

There is an extensive library of recorded teaching sessions available to you on Microsoft Teams. The trainee will additionally have access to all of the general educational resources available on site including:

- Libraries: Departmental Anaesthetic library for quiet study and Imperial College Library on site
- Educational room within the Anaesthetic department. Contains a range of teaching / training equipment.
- Information Technology: Computers in theatres and the anaesthetic department.
- In-hospital Information Technology, Faculty Development and Management training courses organised through the Charing Cross Postgraduate Centre
- UpToDate: is an evidence-based clinical decision support tool. Imperial NHS Trust provides access to [UpToDate.com](https://www.uptodate.com) from all Imperial Trust computers. From there you can confirm your association with the Trust, allowing you to access the resource from your own devices.

Teaching

Teaching is a core component of SIAs and trainees will have opportunities to provide teaching to undergraduates, postgraduates and allied health professionals and are expected to contribute to the weekly departmental teaching programme.

Governance

The Trust adheres to a strict clinical governance programme. Within the directorate there is an active and on-going programme of Governance supported by Dr Preea Gill representing Anaesthesia. There are regular Clinical Governance, Critical Incident and Mortality & Morbidity meetings within the Division of Anaesthesia occurring bi-monthly.

Everyone is expected to participate in Quality Improvement. All QI should be recorded using the LifeQI platform, which will automatically register the project with the Trust QI department. All audit activity should be registered with the audit team by emailing: imperial.audit@nhs.net.

Clinical Research Opportunities

Trainees will be encouraged to participate in projects under the supervision of a consultant anaesthetist. SIA trainees are also expected to initiate and complete at least one research / quality improvement / audit project and participate in departmental academic activities. There are opportunities to collaborate with ImPART (Imperial Anaesthesia Research Team), national projects and trainees are encouraged to present their completed work at national or international meetings

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during the year. A rolling programme of audit meetings takes place supported by Dr Dafydd Lloyd and the post holder is expected to participate in the clinical audit programme.

Special Interest Area in Ophthalmic Anaesthesia

Moorfields Ophthalmic Hospital Special Interest Area (SIA) Information Stage 3 Trainees

Module Lead

Mariepi Manolis Cylwik mariepi.manoliscylwik@nhs.net

Background

We are a supportive and friendly department of 18 consultants including College examiners, medical examiners, members of national committees and guidelines groups.

We are committed and to ensuring that our Fellows get their most out of their post and will endeavour to welcome you into the team.

- 6 month rotation at Moorfields Eye Hospital, which is a specialist NHS ophthalmic hospital, providing care for all ophthalmic subspecialties
- We operate on a day case model for surgery, doing in excess of 35,000 patients a year. Anaesthesia is provided for all forms of ophthalmic surgery resulting in a case mix which is unique in the United Kingdom
- We provide experience in Paediatric anaesthesia, Day case surgery, Advanced procedural sedation and Ophthalmic anaesthesia
- A substantial amount of paediatric work takes place at Moorfields, on average 100 cases per month. We anaesthetise babies as young as 44 weeks post conceptual age
- You will be allocated to a variety of lists with emphasis on paediatric lists, where TIVA is the anaesthetic of choice
- 1 day per week will be allocated to non-clinical activities, which will assist with completion of Generic Professional Capabilities
- You will be part of the on-call rota, approx. 1 in 4 or 5, with no overnight duties. Weekend on call shifts are 08:30 – 18:00, long days 08:00 – 21:00 and no nights. There is a resident consultant oncall at weekends.

Clinical Experience

- At the beginning of your rotation, you will be directly supervised to increase your confidence in performing ophthalmic regional blocks
- As you gain experience, you will work with more distant supervision, and will have the opportunity to run elective and the emergency list if confident
- You will gain experience in list management, peri-operative decision making for day case surgery

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- You will gain considerable paediatric experience using TIVA and also experience in paediatric sedation
- You will gain experience in managing patients with additional needs and neurodivergence
- You will be supported to achieve all the Learning outcomes and key capabilities for the SIA in Anaesthesia for Ophthalmology
- You will be exposed and become confident in a wide range of Procedural Sedation
- In addition, there is crossover with the domains of Regional Anaesthesia, General Anaesthesia and Peri-operative medicine

Learning outcomes

- Triple C in Ophthalmic anaesthesia
 - WBAs in Generic Professional domains, Regional anaesthesia, General Anaesthesia, Paediatric Anaesthesia, Advanced Procedural Sedation and Peri-operative medicine
- *Provides safe perioperative anaesthetic care for a wide variety of complex ophthalmic procedures independently*
- *Is capable of leading the delivery of care in this area of anaesthetic practice, to the benefit of both patients and the organisation*

Key capabilities

A	Provides safe and effective regional anaesthesia in appropriate patients for ophthalmic surgery, understanding implications of biometry measurements and B scan results.
B	Delivers perioperative anaesthetic management of patients having orbital surgery or vitreoretinal surgery including specific considerations in laser treatment
C	Delivers safe anaesthetic management of patients for glaucoma surgery appreciating the different types of procedures undertaken and any specific anaesthetic requirements.
D	Manages the perioperative care of patients having complex cornea surgery including the issues relating to tissue transplant.
E	Provides safe perioperative management of children for ophthalmic surgery including those with complex congenital syndromes.

Teaching experience

- The department has an active timetable of weekly morning meetings, journal clubs, regular clinical governance and audit meetings
- There is weekly teaching for all trainees
- You will be expected to present at journal club and one of your projects at the departmental meeting

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- You will have the opportunity to present at the multidisciplinary educational meeting Moorfields Academy
- You will have the opportunity to participate in airway teaching and to be faculty for in-house simulation of medical emergencies, and resuscitation courses.
- Attendance at relevant national meetings such as British Ophthalmic Anaesthesia Society annual meeting, with the expectation of presenting

Management Experience

- Shadow clinical and non-clinical leaders
- Attend risk management and patient safety meetings
- Undertake shared learning projects
- Opportunity to contribute towards departmental policies and evidence-based guidelines
- Actively contribute to the anaesthetic service governance processes

Research, QI and Audit

Moorfields is an important research institution, and each individual is expected to contribute to research and development, and teaching and training within the service

- Opportunity to contribute towards ACSA accreditation
- Opportunity to participate in the LEEP programme and QIPP training
- Lead a QI/Audit project relating to trauma anaesthesia and support junior colleagues through the process dedicated time built into rota
- Opportunity to lead on any relevant national audits or studies

Chelsea and Westminster Plastics and burns or Intensive Care

Chelsea and Westminster Hospital SIAs Intensive Care – 6 months

Supervisors: Dr Linsey Christie and Dr Michelle Hayes

This SIA will give the post holder the opportunity to develop their skills in managing critically ill patients in an ICU that has been rated “Outstanding” by the CQC. In 2021, we opened our brand new 20-bed ICU, as well as retaining our 2-bed specialist burns ICU.

The post holder will be able to cover the key capabilities as set out by the RCoA for additional ICM. Chelsea and Westminster Burns ICU is the tertiary referral centre for critically ill patients with burns within London, enabling experience in the initial management of severe burns and bronchoscopy to diagnose and manage inhalational injury. In the general unit, we admit a wide variety of medical patients, as well as being a specialist centre for HIV.

We admit emergency and elective surgical patients and for the latter we are involved in the pre-operative review.

We offer opportunities to be involved in education including the established in-situ simulation programme, develop skills in ultrasound/echo, as well as experience with the outreach team.

The post holder will have the opportunity to complete a project in their area of interest and work with a dynamic multidisciplinary team, including a specialist ICU psychology service.

The on-call rota is a 1:8 resident rota and you will be working with a team of ten ICU consultants.

This SIA could be combined with the “Anaesthesia for Plastic Surgery and Burns Management”, which is also offered at Chelsea and Westminster Hospital

Anaesthesia for Plastic Surgery and Burns Management – 3-6 months

Supervisors: Dr Linsey Christie and Dr Alice Sisson

Chelsea and Westminster Hospital offers a variety of specialist plastic surgery and the post holder will be able to cover the key capabilities as set out by the RCoA for this SIA.

We are the tertiary referral centre for adult and paediatric burns within London. Having a 2-bed burns ICU and 2-bed burns HDU enables us to manage critically ill patients with major burns.

The post holder will gain experience in anaesthesia for major burns surgery, fluid resuscitation, bronchoscopy for inhalational injury and learn about advances in acute burns care.

Our burns surgeons also manage patients in the chronic phase of their illness and the post holder would learn about anaesthesia for burns scar management and reconstructive surgery.

Experience on the adult burns ward, specialist paediatric burns unit and paediatric HDU is also available. Attendance at the weekly burns MDT is encouraged.

Other plastic surgery includes specialist craniofacial work, which involves a shared airway and frequent exposure to patients with a difficult airway. In addition, we are a specialist hand centre, giving the post holder exposure to a large variety of regional anaesthesia techniques.

The on-call rota is a 1:8 resident rota (anaesthesia and/or ICU on call rota).

The post holder will be supported in completing a project in their area of interest and presentation at an international or national burns meeting (e.g.BBA) is encouraged. Involvement in burns education, including our multidisciplinary in-situ simulation, is available.

This SIA could be combined with “Intensive Care” which is also offered at Chelsea and Westminster Hospital

SIA in Acute Pain

Unit Supervisor: Dr Victoria Tidman (Acute)
victoria.tidman@nhs.net

Location: UCLH

Background:

UCLH Pain Management Centre is a nationally recognized centre of excellence for people with longstanding pain. We have a multi professional service made up of doctors, nurses, physiotherapists and psychologists. We provide help to minimise pain where possible and maximise quality of life.

We provide ground-breaking pain management programmes alongside the latest interventions including systemic drug treatment, intravenous drug infusions, peripheral and central nerve blocks, radio frequency lesioning and spinal implants. We also provide information and access to TENS machines and acupuncture. We use a multidisciplinary integrated approach to help people get back to activities they used to enjoy and to live as full lives as possible despite pain.

Our specialist areas of pain expertise include:

- Complex spinal pain
- Abdominal and pelvic pain
- Complex regional pain syndrome (CRPS)
- Joint Hypermobility Syndrome
- Facial pain
- Pain associated with neurological conditions
- Pain following cancer
- Pain associated with sickle cell disease
- Inpatient complex pain team
- Headache

We are proud to have been recognised as a specialised centre for pain management, one of only several in the UK.

Post:

SIA in Pain Medicine training or other centres that provide inpatient and outpatient pain services. It is anticipated that to achieve the key capabilities for this SIA, an indicative period of 6 months will be required. The focus of this SIA is on the management of pain in an inpatient setting. To achieve the key capabilities, experience will need to be gained in managing acute, acute on chronic pain and chronic pain in the acute hospital setting; managing chronic pain in clinics, assessing patients for and performing pain intervention; assessing patients for and performing pain interventions as part of end of life care which may include the terminal care setting.

Clinical experience: To achieve the key capabilities, we offer experience in managing acute, acute on chronic pain and chronic pain in the acute hospital setting; managing chronic pain in clinics, assessing patients for and performing pain intervention; participating in MDTs discussions; assessing patients for and performing pain interventions as part of end of life care which may include the terminal care setting.

Publications & presentations:

Expected to present one poster during the placement at a National or Internal Conference

Research:

There is opportunity for exposure and contribution to research and quality improvement projects. For example development of guidelines and policies related to opioid stewardship

Education:

The opportunity to join the faculty for UCL MSc Pain. Other opportunities include GP, junior doctor and medical student teaching.

All SIA residents will be placed on one of the four registrar on-call rotas at UCH, which can include covering obstetrics.

