



Visiting Professional Programme: Neonatal ICU (NICU)

Introduction

The Guy's and St Thomas' NHS Foundation Trust Neonatal ICU (NICU) Visiting Professional Programme (VPP) is designed to provide international visiting professionals with the opportunity to experience our highly acclaimed neonatal unit first hand. The programme offers a unique chance to be fully integrated within a neonatal service which is at the forefront of clinical activity, training and research.

The programmes are designed by our clinical leads to provide unique development experiences which enable visiting professionals to broaden their clinical expertise and learn new skills that can be transferred back to their work place. We are excited to deliver exclusive access to observe and work alongside our neonatal faculty and to provide an opportunity for international professionals to gain insight into our Trust and the role that our staff play within the NHS.

Who should apply?

This programme is intended for non-U.K. registrars, senior and junior clinical fellows, and those with basic paediatric or anaesthetic training with an interest in neonatology.

Visitors have the choice of applying for a hands-on attachment or observership programme. Those wishing to apply for a hands-on attachment must have GMC registration. You can apply for GMC registration directly through the main GMC website (www.gmc-uk.org), alternatively The Royal College of Physicians run a medical training initiative which facilitates GMC registration and provides sponsorship for a Tier 5 visa. You can find out more about their Medical Training Initiative by visiting their website (www.rcplondon.ac.uk/education-practice/advice/medical-training-initiative). NMC registration can be applied for via www.nmc.org.uk.

Duration

It is recommended that in order to get the most out of the Neonatal ICU programme, that visiting professionals undertake an attachment placement of at least 6 weeks. However, the programme's duration can potentially be tailored to the specific learning requirements of those visiting the Trust. We would usually recommend a placement duration of 6-8 weeks.

Format

The neonatal ICU programme is delivered within the hospital work place and it includes exposure to clinics, inpatient ward rounds, multidisciplinary team meetings involving different specialities such as infectious diseases, paediatric surgery and fetal medicine.

Visiting professionals will be aligned with supervisors from within the clinical teams who will facilitate agreed learning and development needs. We would expect visiting professionals to be totally integrated in the day to day service within our neonatal team.

We can also provide visiting professionals with the opportunity to get involved in local governance and improvement projects as well as local presentations to the unit or events within network.

Overall aims

The programme is aimed at those who wish to extend their clinical expertise in neonatology within Evelina London Children's Hospital.

The aims of the programme include:

- The opportunity to have direct experience and exposure to clinics and ward rounds at a world-renowned neonatal ICU
- Participation in multidisciplinary team meetings
- Access to departmental seminar programmes and trust wide education programmes
- The opportunity to develop networks for future close working
- The opportunity to participate in local governance and quality improvement projects and potential to present findings within the department or wider neonatal network.

Individual weekly timetables will be created depending on each visiting professional's requirements.

Sample timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
8am	Handover	Handover	Handover	Handover	Handover
9am		Junior Doctor Teaching	NICU postgraduate teaching (monthly radiology meeting)	Junior Doctor Teaching	Neonatal Surgical meeting
				9am Neurodevelopmental follow up clinic	9am Bronchopulmonary dysplasia clinic (monthly)
1pm	1pm Evelina Paediatric Grand Round	Fetal Medicine meeting	12.30-1.30pm NICU Multidisciplinary team meeting		
2-5pm		2pm Neonatal follow up clinic			2.45pm Perinatal meeting (Joint obstetric/neonatal)
		3pm Infection meeting			

Neonatal ICU service

Our neonatal unit is now one of the largest neonatal units in the United Kingdom. We managed over 1000 admissions to our neonatal unit last year. The neonatal unit is part of Evelina London Children's Hospital and benefits from the specialist paediatric input from a variety of teams such as endocrinology, metabolic medicine, nephrology, surgery, ENT, plastic surgery, genetics and palliative care. The neonatal unit is the gateway between fetal medicine services and paediatric services, all located on one hospital site. There are currently 50 cots, of which 18 are Intensive Care (with plans to open to 20 soon), 12 High Dependency and 20 Special Care. There are over 7,000 births per year on-site, many of which are high risk due to both our inner city local population and the co-location of tertiary women's and paediatric services, including fetal medicine and fetal cardiology. There is an academic Obstetrics and Fetal Medicine Department and a substantial number of antenatal referrals and in-utero transfers occur due to a wide range of Maternal Medicine tertiary services, including Diabetes, Lupus, Cardiology and Renal Medicine. Fetal Medicine and Fetal Cardiology services also account for many of these.

Our team of expert staff provides 24-hour care for premature and sick babies.

The Neonatal Unit is divided into three areas:

- **Neonatal Intensive Care Unit (NICU)** – provides support for babies requiring ventilator support and other specialist treatment needs
- **High Dependency Unit (HDU)** – provides support for babies who require less intensive care than babies in NICU
- **Special Care Baby Unit (SCBU)** – provides feeding support for babies who are preparing for discharge or for preterm or surgical babies who are grading up on enteral feeds, additional oxygen support and light therapy (phototherapy).

Research

We are a centre of excellence for neonatal research, in association with our academic partner, King's College London. Our world leading research programme based in the Centre for the Developing Brain, led by Professor David Edwards, utilises the state of the art 3T magnetic resonance imaging (MRI) scanner adjacent to the Unit, within the Evelina Perinatal Imaging Centre. In addition, we have an excellent record of recruitment of babies into multi-centres studies.

Neonatal outreach team

Our outreach team is a small team of neonatal nurses who specialise in helping parents to prepare for their baby going home.

For those who live in Lambeth or Southwark, a nurse from the outreach team will also visit families at home after leaving hospital. The team manages nasogastric feeding and establishing oral feeding at home, monitoring weight gain, providing parent craft and offering support. They can also carry out any blood tests that babies might need and liaise with the hospital team regarding any problems within the community. The outreach team also liaises with local services to coordinate support for babies who are out of area and assist with repatriation to local trusts.

Faculty

Neonatologists

- Dr Tim Watts – Consultant Neonatologist and Head of Service
- Dr Grenville Fox – Consultant Neonatologist and Clinical Director
- Professor David Edwards – Consultant Neonatologist and Professor of Paediatrics
- Dr Karen Turnock – Consultant Neonatologist
- Dr Camilla Kingdon – Consultant Neonatologist, Head of London School of Paediatrics
- Dr Anthony Kaiser – Consultant Neonatologist
- Dr Geraint Lee – Consultant Neonatologist, College tutor
- Dr Susern Tan – Consultant Neonatologist
- Dr Gosia Radomska – Associate Specialist Neonatologist
- Dr Hammad Khan – Consultant Neonatologist
- Dr Siobhan Jaques – Consultant Neonatologist
- Dr Chinthika Piyasena – Consultant Neonatologist
- Dr Anna Paltrinieri – Consultant Neonatologist
- Dr Suresh Victor – Consultant Neonatologist and senior lecturer
- Dr Anna Milan – Substantiative Consultant
- Dr Neelam Gupta – Consultant Neonatologist

Under the lead of the consultants, a team of around 30 junior doctors and 4 advanced neonatal nurse practitioners (ANNPs) also provide medical cover on a 24-hour basis.

Nursing team

The nursing team comprises of over 200 nurses, many of whom are specialist neonatal nurses, as well as those who are training to nurse within the specialty. We also have a small team of nursery nurses who provide help with feeding and parent craft. The Neonatal Unit has two matrons or nurse managers. They are in charge of the nursing staff in the Unit:

- Alex Philips – Matron
- Claire Alexander – Matron

Other health professionals

In addition to doctors and nurses there are a number of other specially trained staff members who can offer support to parents and their babies, including:

- radiographers
- physiotherapists
- occupational therapists
- ophthalmologists (specialist eye doctors)
- dietitians
- speech and language therapists.
- psychologist

Clerical team

- Secretaries – Rita Bouferrache, Lin Brown
- Ward Clerks – Rachel Chandler, Nadine Sutar, Denise Welland

Outreach nurses

The outreach team is a small team of neonatal nurses who specialise in helping babies once they leave to go home. A nurse from the outreach team is present on the SCBU ward rounds and they coordinate the discharge or repatriation of babies to home or their local areas.

Fees

A course fee per week will be applied. This excludes accommodation and travelling expenses. Participants will be provided with a certificate at the end of their attachment.

Registration and enquiries

To register for the Visiting Professional Programme – NICU please complete the application form at www.guysandstthomasevents.co.uk and return to:

Education and Events

Guy's and St Thomas' NHS Foundation Trust

vpp@gstt.nhs.uk

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Guy's and St Thomas' NHS Foundation Trust

Guy's and St Thomas' NHS Foundation Trust is one of the largest Foundation Trusts' in the UK. It consists of St Thomas' Hospital, Evelina London Children's Hospital and Guy's Hospital.

The Trust provides a full range of hospital services, as well as specialist services including cancer, cardiothoracic, women and children's services, kidney care and orthopaedics. Guy's is a major centre for cancer and renal services with the UK's largest kidney donor programme, and is also a leading centre for genetics, stem cell and allergy research and cleft lip and palate. St Thomas' is a leading centre for the treatment of cardiovascular disease, stroke, HIV and dermatology.

The Trust has one of the largest critical care units in the UK and one of the busiest A&E departments in London.

It has an annual turnover of £1.5 billion and employs around 16,200 staff.

Last year, the Trust handled 2.4 million patient contacts, including:

- 1.28m outpatients
- 89,000 inpatients
- 111,000 day case patients
- 205,000 emergency and urgent care attendances
- 810,000 in community services
- 6,567 babies delivered

The Trust has 665 beds at St Thomas', 288 at Guy's, 144 at the Evelina London Children's Hospital and 64 in the community.

NHS statistics show that our patient survival rates are nearly 25 per cent better than the national average. This is one of the lowest standardised mortality rates in the NHS and provides an important indication of the quality of care provided by our clinical staff.

In 2013, the Dr Foster Hospital Guide awarded us Trust of the Year for safe care.

Care Quality Commission (CQC) rating

Guy's and St Thomas' achieved a 'Good' overall rating by the Care Quality Commission (CQC) with several services rated 'Outstanding'.

CQC inspectors visited the Trust's hospital and community services from 7-10 September 2015 with further unannounced visits taking place later the same month.

In its report, the CQC praises staff who its inspectors found to be 'highly committed to the Trust and delivering high quality patient care'.



Guy's and St Thomas' NHS Foundation Trust values

Our values help us to define and develop our culture – what we do and how we do it.

Making people aware of the Trust values, making them part of our culture and demonstrating them through the organisation helps us develop a shared way of acting.

Our values are a key part of everything that we do as an organisation, from being included in staff job descriptions and in our publications, through to our work on leadership development and performance management. Our five values are listed below:

1. Put patients first
2. Take pride in what we do
3. Respect others
4. Strive to be the best
5. Act with Integrity

Every day we aim to provide the most exceptional care to our patients from dedicated staff who follow our five values. Take a look at our video at <http://gti/services/organisational-devt/values-behaviours/our-values.aspx> to see what our values mean to them.

Evelina London



Evelina London provides comprehensive health services from before birth, throughout childhood and into adult life.

Our community services care for children and families in Lambeth and Southwark. Our children's hospital not only cares for local families but also provides an extensive range of specialist services for children with rare and complex conditions from across south London, Kent, Surrey and Sussex.

Located on the St Thomas' hospital site, our award winning children's hospital building opened in 2005 and brought together Guy's and St Thomas' children's services. We have a long heritage in children's healthcare, the original Evelina Hospital for Sick Children opened in 1869.

Our Mission is to improve the lives of children and young people by:

- Providing consistently outstanding, life-enhancing healthcare.
- Educating and training people to deliver effective child-centred care and treatment.
- Undertaking research that adds to knowledge about how to improve child health and changes practice.

Evelina London is the second largest provider of children's services in London. We have 167 inpatient beds, 20 paediatric intensive care beds, 52 neonatal cots, six operating theatres and a kidney dialysis unit. We also have both cardiac and labour wards alongside the ICU units, which is rare.

Evelina London Children's Hospital was the first children's hospital in England to be rated as 'Outstanding' by the CQC. Community services were rated 'Good' putting them in the top 33% of children's community services nationally.

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