Visiting Professional Programme: Paediatric Infectious Diseases and Immunology
Introduction

The Guy's and St Thomas’ NHS Foundation Trust Paediatric Infectious Diseases & Immunology Visiting Professional Programme (VPP) is designed to provide international visiting professionals with the opportunity to experience first-hand our unique Paediatric Infectious Diseases & Immunology service, which specialises in treating children with acute and chronic severe infections, unusual infections, frequent infections, tropical infections, new or epidemic infections and those with immune system issues. The programme offers a unique chance to be fully integrated within a service that is at the forefront of clinical management, training and research.

The programme has been designed by our clinical leads to provide a unique development experience that enables visiting professionals to broaden their clinical expertise and learn new skills that can be transferred back to their workplace. We are excited to provide the opportunity to observe and work alongside our Paediatric Infectious Diseases & Immunology 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. qualified registrars and consultants with an interest in Paediatric Infectious Diseases & Immunology.

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 or NMC 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 Paediatric Infectious Diseases & Immunology programme, that visiting professionals undertake a placement of at least 4 weeks. However, the programme’s duration can be tailored to the specific learning requirements of those visiting.

Format

The Paediatric Infectious Diseases and Immunology programme is delivered within the hospital workplace and it includes exposure to outpatient clinics, inpatient ward rounds, Paediatric Intensive Care Unit rounds, Neonatal Intensive Care Unit rounds, multidisciplinary team meetings, and participation in hospital-wide and departmental educational opportunities.

Visiting professionals will be aligned with supervisors from within the clinical team who will facilitate agreed learning and development needs. We would expect visiting professionals to be fully integrated in the day-to-day service within our Paediatric Infectious Diseases & Immunology team.

Depending on the duration of the attachment we may also be able to provide opportunities to be involved in research and service improvement projects.
Overall aims

The programme is aimed at those who wish to extend their clinical expertise in Paediatric Infectious Diseases & Immunology within Evelina London Children's Hospital.

The aims of the programme include:

- Direct experience of and exposure to specialist clinics and ward rounds
- Exposure to a diverse range of specialist infectious diseases and immune conditions, which have dedicated outpatient clinics, including HIV, TB, congenital infections, 22q deletion syndrome, Kawasaki disease, recurrent febrile illnesses
- Opportunities to participate in internal clinical meetings, such as complex patient meetings, histopathology and radiology meetings
- Interaction with multidisciplinary team (MDT) members within the Paediatric Infectious Diseases & Immunology team, including specialist pharmacists and specialist nurses
- Experience of the NHS and working in one of the largest teaching hospitals and provider of children’s services in London
- Opportunities to participate in clinical training and academic events that are held jointly with the Paediatric Infectious Diseases departments based at St. George’s Hospital, St. Mary’s Hospital London and Great Ormond Street Hospital
- The opportunity to create networks and links for future learning and development

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

Sample weekly timetable

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<tbody>
<tr>
<td>AM</td>
<td>TB clinic (MON and WED, twice/month)</td>
<td>Department of Infection seminar series (weekly)</td>
<td>Immunology clinic (two WEDs/month)</td>
<td>Paediatric infectious diseases clinic (weekly)</td>
<td>Radiology meeting (weekly)</td>
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<td></td>
<td>Congenital infection clinic (weekly)</td>
<td>Paediatric infectious diseases clinic (weekly)</td>
<td>22q clinic (one WED/month)</td>
<td>Antibiotic stewardship ward round (weekly)</td>
<td>PICU ward round (weekly)</td>
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<tr>
<td></td>
<td>Fever clinic (one MON/month)</td>
<td>HIV clinic (twice/month)</td>
<td>TB clinic (MON and WED, twice/month)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Kawasaki clinic (one WED/month)</td>
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<tr>
<td>Midday</td>
<td>TB MDT meeting (weekly)</td>
<td></td>
<td>ID case meeting - jointly with microbiology and adult ID teams (weekly)</td>
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<td>ELCH Grand Round (weekly)</td>
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<td>PM</td>
<td>PIID MDT meeting – jointly with pharmacists, infection control and virology teams (weekly)</td>
<td>PICU ward round &amp; NICU ward round – jointly with microbiology, virology and infection control teams (weekly)</td>
<td>Review of new referrals with PIID Fellow (weekly)</td>
<td>OPAT meeting (weekly)</td>
<td>Review of new referrals with PIID Fellow (weekly)</td>
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Paediatric Infectious Diseases & Immunology service

The Paediatric Infectious Diseases & Immunology team operates a busy consult service providing advice to PICU, NICU and General Paediatric teams, as well as a broad range of paediatric subspecialty services, including haematology, endocrinology, gastroenterology, nephrology, respiratory medicine, neurology, rheumatology and several of surgical specialties. The team also provides a tertiary service for paediatric patients from regional hospitals across South East England and supports their King’s Health Partners (KHP) colleagues at King’s College London.

Infection prevention and control is also an important part of our work, as is promoting the appropriate and responsible use of antibiotics and other antimicrobial medicines.

We work closely with specialist colleagues from every department of Evelina London, with the Infectious Diseases team for adult patients and the Department of Infection at St Thomas’ Hospital, which includes specialised Microbiologists and Virologists.

When children are recovering from severe infections but still require long courses of intravenous antibiotics, we support their ongoing treatment in their own homes, offering outpatient antibiotic therapy (OPAT).

Research

We regularly take part in national and international research studies. Recent and ongoing projects include the following areas:

- Chronic infections, including HIV
- Diagnosis and treatment of encephalitis
- Genetics of Kawasaki disease
- Vaccine studies
- Severe enterovirus infections
- TB epidemiology & diagnostics (part of the Paediatric Tuberculosis Network European Trials Group (ptbnet))
- Non-tuberculous mycobacterial infections

Clinics

- Paediatric infectious diseases clinic
- Immunology clinic (tertiary)
- 22q clinic
- TB clinic
- Congenital infections clinic (HBV, HCV, CMV, toxoplasmosis)
- Children’s HIV clinic
- OPAT clinic
- Rapid access clinic (urgent referrals)
- Kawasaki clinic – joint with cardiology
- Fever clinic – joint with rheumatology
Faculty

Doctors

**Dr. Jennifer Handforth** – consultant in paediatric infectious diseases & immunology
Lead for paediatric OPAT, lead for Kawasaki diseases, lead for fever syndromes, clinical lead for PIID, head of service for PIID, haematology, diabetes and endocrinology, clinical lead for outpatient transformation

Jennifer graduated from Cape Town University, with further paediatric training at Red Cross Children’s Hospital and Groote Schuur Hospital, Cape Town. Paediatric Infectious Disease specialist training was completed at St. George's Hospital, London. She has a Diploma in Tropical Medicine and Child Health. She has been a PIID consultant at Evelina London Children’s Hospital since February 2016. From 2004-2016, she was a consultant at Croydon University hospital, London where she was the lead for infectious diseases including TB, congenital infections, and HIV, as well as an honorary PIID consultant at St George’s Hospital.

**Dr. Alicia Demirjian** – consultant in paediatric infectious diseases & immunology, Lead for antimicrobial stewardship, lead for infection prevention and control, lead for sepsis management, PIID lead for patient safety and quality

Alicia is a clinician and epidemiologist. She qualified at the American University of Beirut in Lebanon, and trained at Boston Children’s Hospital in general paediatrics and paediatric infectious diseases. She holds a Masters in clinical investigation from Harvard Medical School and served as an Epidemic Intelligence Service officer with the U.S. Centres for Disease Control and Prevention. She has been a consultant at Evelina London Children’s Hospital since 2017 and alongside her clinical responsibilities works with Public Health England as an epidemiologist. She is keen on improving the use of antimicrobial agents in hospitals and the community, in the UK and globally.

**Dr. Julia Kenny** – consultant in paediatric infectious diseases & immunology
Lead for paediatric HIV, lead for paediatric immunology, deputy lead for PIID Research

Julia graduated from the University of Oxford and completed her postgraduate paediatric training in Oxford, Newcastle and London. Julia completed the Diploma in Tropical Medicine and Hygiene at the Liverpool School of Tropical Medicine and then worked in Blantyre, Malawi as a Lecturer in Paediatrics with her clinical work based at Queen Elizabeth Central Hospital, Blantyre. She was awarded a Welcome Trust Clinical Training Fellowship to study “Cardiovascular Effects of HIV in African Children” and was awarded her PhD in 2016. Julia worked for the MRC Clinical Trials Unit at UCL focusing on International Paediatric HIV trials. Julia holds postgraduate qualifications in teaching and enjoys teaching. She has been a consultant at Evelina London Children’s Hospital since 2017.

**Dr. Nuria Martinez-Alier** – consultant in paediatric infectious diseases & immunology, co-lead for congenital infectious diseases and tuberculosis

Nuria graduated from Imperial College, London in Applied Biology (Parasitology & Immunology) and went on to study medicine at the University of Oxford. She completed the Diploma in Tropical Medicine & Hygiene at the London School of Tropical Medicine and then worked in KwaZulu Natal, South Africa in Paediatrics completing her postgraduate paediatric training in London, South Africa and USA. She undertook PhD research at the NMRC/NIH, Bethesda, USA in malaria vaccine immunology. Nuria is working in infectious diseases phase I/II/III multicenter international industry/academic/NGO clinical trials focusing on malaria and tuberculosis treatment and norovirus, RSV and tuberculosis vaccines in children and adults. She has been a consultant at Evelina London Children’s Hospital since 2009.
Dr. Tejshri Shah – consultant in infectious diseases & immunology
Co-lead for congenital infections

Tejshri qualified in 1994 from Leeds Medical School and also has an MSc for Public Health in Developing Countries. She has had a portfolio career training in Paediatrics in Yorkshire and London, including specialist training at Great Ormond Street Hospital and St. Mary's Hospital in London. In addition Tejshri has worked internationally for Médecins Sans Frontières (Doctors Without Borders) in many crisis-affected countries and later led a specialised medical unit in London, focussing on epidemiology and the management of drug-resistant tuberculosis. Her most recent international clinical work was as a doctor in an Ebola Treatment centre and she thereafter became Child Health Team Lead for the World Health Organisation in Sierra Leone in 2015-16. She started at the Evelina London Children’s Hospital in 2017 and alongside her clinical responsibilities is a non-executive chair for Médecins Sans Frontières and part of the organisations highest governance.

Dr. Marc Tebruegge – consultant in paediatric infectious diseases & immunology
Lead for paediatric tuberculosis & PIID research lead

Marc is a clinician scientist who has trained at some of the UK’s most foremost hospitals, including King’s College Hospital, St. Mary’s Hospital London, University College London Hospitals (UCLH) and Great Ormond Street Hospital, as well as the Royal Children’s Hospital Melbourne in Australia. In 2017 he was appointed as a Consultant in Paediatric Infectious Diseases & Immunology at the Evelina London Children’s Hospital, and as an Honorary Senior Lecturer at the UCL Great Ormond Street Institute of Child Health, University College London. His main areas of research are tuberculosis (TB) diagnostics and non-tuberculous mycobacterial infections. Marc has authored more than 100 publications in peer-reviewed journals and book chapters (h-index: 22), has been awarded more than £2.5 million in research funding, and is regularly invited as a speaker at national and international meetings. He is an editorial board member of several medical and scientific journals, including the Pediatric Infectious Disease Journal, Frontiers in Pediatrics and PLoS ONE, a member of the British Paediatric Surveillance Unit (BPSU) Scientific Committee, and the elected Research Officer of the Paediatric Tuberculosis Network European Trials Group (ptbnet). He has extensive experience in medical education, holds a formal teaching degree and is a Fellow of the Higher Education Academy (FHEA).

Secretary
Lee Liang Makin

Nurses
Angela Callaghan – clinical nurse specialist to children’s infectious diseases service
Lucy Seymour – clinical nurse specialist to children’s infectious diseases service
Shona Perkins – matron, paediatric infection prevention & control
Federico Tabios – deputy clinical nurse specialist, paediatric infection prevention & control
Emma Glass – clinical nurse specialist, paediatric outpatients’ antibiotic therapy (pOPAT)
TBC – clinical nurse specialist, paediatric tuberculosis

Pharmacists
Faye Chappell – specialist pharmacist for children’s infectious diseases service
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 – Paediatric Infectious Diseases and Immunology 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

Telephone: + 44 (0)20 7188 7188 extension 55865
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 £1.2 billion and employs 13,500 staff.

Last year, the Trust handled over 2 million patient contacts, including:

- 1.07 million outpatients
- 85,000 inpatients
- 88,000 day case patients
- 192,000 accident and emergency attendances
- 859,000 in community services
- 6,847 babies delivered

The Trust has 665 beds at St Thomas', 288 at Guy's, 167 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

www.guysandstthomasevents.co.uk/vpp
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.