



Visiting
Professional
Programme:
Paediatric
Nephrology

Introduction

The Guy's and St Thomas' NHS Foundation Trust Paediatric Nephrology Visiting Professional Programme (VPP) is designed to provide international visiting professionals with the opportunity to experience first-hand one of the largest paediatric nephrology units in the UK at the Trust's leading children's hospital, Evelina London. The service specialises in treating the full range of acute and chronic childhood kidney conditions including nephrotic syndrome, renal vasculitis and Systemic Lupus Erythematosus (SLE or lupus), hypertension including renal artery stenosis, congenital abnormalities including Posterior Urethral Valves (PUV), and renal tubular disorders. We have a large Chronic Kidney Disease (CKD) clinic, and a comprehensive dialysis service including in-centre haemodialysis and home peritoneal dialysis and haemodialysis. We provide lipid apheresis therapy and plasma exchange therapy. We perform around 18 kidney transplants per year. The programme offers a unique chance to be fully integrated within a service which is at the forefront of clinical activity, research and training.

The programme has been designed by our clinical leads to provide a wide-ranging development experience which enables visiting professionals to broaden their clinical expertise and learn new skills that can be transferred back to their work place. We will deliver exclusive access to observe and work alongside our paediatric nephrology faculty at Evelina London 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 can apply?

This programme is intended for non-U.K. consultants and trainees with an interest in paediatric nephrology.

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 Nephrology programme, that visiting professionals undertake a placement of at least 6 weeks. However, the programme's duration can be tailored to the specific learning requirements of those visiting the Trust.

Format

The Paediatric Nephrology programme is delivered within the hospital work place and it includes exposure to clinics, inpatient ward rounds, and multidisciplinary team meetings, as well as outreach clinics depending on the length of programme that visitor's request.

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 paediatric nephrology team.

Visiting professionals may also have the opportunity to be involved in research projects during their programme.

Overall aims

The programme is aimed at those who wish to extend their clinical expertise in paediatric nephrology medicine within Evelina London.

The aims of the programme include:

- Experience of the NHS and working in one of the largest teaching hospitals and provider of children's services in London, and two of the UK's largest regional paediatric intensive care (PICU) and neonatal intensive care units (NICU)
- Exposure to a service specialising in treatments such as dialysis (both haemodialysis and peritoneal dialysis), kidney transplantation, hypertension, nephrotic syndrome, and obstructive uropathy
- Direct experience during clinics and ward rounds
- Opportunities to participate in internal clinical academic meetings and educational activities
- Interaction with multidisciplinary team members within the nephrology service, including specialist psychologists, play specialists, social worker and pharmacists
- 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 timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
08.30		Radiology Meeting	Pre-Transplant MDM Every 4 th Weds	Transplant Review Meeting / Transplant Virology review 1 st Thursday at 09.15	CKD Review Meeting
09.00	SpR/SHOs WR		SpR/SHOs WR	SpR/SHOs WR	
09.30	1. CKD Clinic 2. Transplant Clinic	1. Transplant Clinic 2. Cystinosis OPD, 1 st Tues 3. Urology Clinic	1. Transplant Clinic 2. Nephrotic clinic	1. CKD Clinic 2. Transplant Clinic 3. Urology Clinic	Team meeting
10.00		Consultant WR PD Clinic	PD Clinic	PD Clinic	
10.30					Consultant WR Transplant Clinic
13.00	Paediatric Staff Round/ Evelina Forum in South Wing Lecture Hall				
13.30		General Nephrology Clinic	Nephrotic Clinic		
14.15	Transplant Waiting List Meeting (weeks 2 & 3)		Dialysis Ward Round		
15.15	Psychosocial Meeting (weeks 2 & 4)		Beach Teaching	Biopsy Meeting	
16.00	SpR/SHOs WR Clinical governance meeting (every 4 th Monday)	SpR/SHOs WR	SpR/SHOs WR	Nephrology Seminar	VUD meeting SpR/SHOs WR
17.00				SpR/SHOs WR	

Paediatric Nephrology service

Evelina London Children's Hospital Paediatric Nephrology service diagnoses and treats all kinds of children's kidney problems.

Working together with the urology and bladder service, we care for children and young people from across the south east of England and beyond, serving over nine million people.

We are the only specialist (tertiary) referral unit in this region for children and young people with serious kidney and bladder problems and one of just 13 children's kidney centres in the UK.

Our services include:

- nephrotic syndrome
- chronic kidney disease management
- home-based and hospital-based dialysis
- kidney transplantation
- service for children with serious bladder disorders
- hypertension service
- specialist services including vasculitis clinic, metabolic renal clinic, stone clinic, growth clinic (CKD + transplant) and outreach clinics
- Young Adult clinic

Nephrotic syndrome

We have a specialised nephrotic syndrome and glomerulonephritis clinic, led by Dr Ania Koziell, who also has a basic science research interest in nephrotic syndrome. A Clinical Nurse Specialist and a second consultant make up the team for this clinic.

Chronic Kidney Disease (CKD)

This service has expertise in the conservative management of advanced chronic kidney disease in babies, toddlers, children and teenagers. This includes the management of renal bone disease, growth and nutritional care, anaemia, and hypertension.

Dialysis

The dialysis unit at Evelina London is one of the largest in the UK and offers both home and hospital based dialysis. The unit also provides lipid apheresis and plasma exchange therapies

Transplantation

We perform an average of 18 transplants per year including small recipients (children less than 20kg at time of transplant). There is an active ABO-incompatible transplant service.

Bladder service

Our bladder service is one of the major services at Evelina London with 4 consultants specialising in the investigation and medical management of bladder disorders. A team of Clinical Nurse Specialists support the consultant staff. This group has been recognised as an international training centre, and regularly present research findings and clinical management outcomes at international meetings.

Hypertension service

The Hypertension service has expertise in assessment, diagnosis and treatment of hypertension in babies, toddlers, children and teenagers. There is close collaboration with the Interventional Radiology department for diagnosis and treatment of renovascular hypertension; and with the paediatric cardiology service for echocardiographic assessments. Parents of young children are taught how to monitor the blood pressure of their children at home. There is routine use of 24 hour ambulatory blood pressure measurement.

Specialist services

We offer multiple clinics and specialist services at Evelina London including

- vasculitis clinic, jointly with the Paediatric Rheumatology team
- metabolic renal clinic
- stone clinic jointly with Paediatric and Adult Urology
- growth clinic jointly with Paediatric Endocrinology
- PUV clinic jointly with Paediatric Urology
- Outreach clinics throughout the southeast of England

Education

Excellence in education and training is at the heart of Guy's and St Thomas' and Evelina London. As part of King's Health Partners, one of the UK's six academic health sciences centres, and as teaching hospitals of international renown, we're committed to developing a healthcare workforce of the highest quality.

Through our partnership with top academic institutions including King's College London (KCL) and London South Bank University, we help to train the health professionals on whom the NHS depends.

Through our in-house training and collaboration with health and other organisations, we offer a wide range of courses, for clinical and non-clinical staff.

Faculty



Dr Chris Reid | Consultant children's nephrologist

Dr Chris Reid started training in paediatric nephrology at Guy's and St Thomas' Hospitals in 1991.

In 1994 he did a 12-month fellowship at the Hospital for Sick Children in Toronto.

He returned to Guy's and St Thomas' NHS Foundation Trust as a consultant in 1996 and has been Head of Service for Paediatric Nephrology and Urology at Evelina London

Children's Hospital since January 2009.

Chris's main clinical interest is in nephrotic syndrome, and general nephrology.



Dr Ania Koziell | Consultant children's nephrologist and Senior Clinical Lecturer

Ania trained in paediatric nephrology at Great Ormond Street Children's Hospital and Evelina London. Her research training at University College London included a PhD in the Molecular Genetics of Nephrotic Syndrome and an Intermediate Wellcome fellowship. She was awarded a HEFC Senior clinical lectureship and moved to King's/Evelina London in 2010.

Ania accepts referrals for children and young adult patients with nephrotic syndrome and other primary glomerular disease and other genetic kidney disease. She leads a number of research studies on nephrotic syndrome and kidney genetics.



Manish Sinha | Consultant children's nephrologist, specialising in dialysis

Dr Sinha has a special interest in the investigation and management of high blood pressure (hypertension), and dialysis, in children and young people.



Dr Caroline Booth | Consultant children's nephrologist, specialising in Chronic Kidney Disease and Head of Service

Caroline trained in Australia and moved to the UK in 1998 where she worked in Manchester for eight months before coming Guy's and St Thomas' and Evelina London in 1999 to work in children's nephrology – first as a lecturer and then as a consultant.

Caroline has a special interest in medical management of chronic kidney disease. Along with her clinical work Caroline also a trainee adviser in the nephrology College Specialty Advisory Committee (CSAC) at the Royal College of Paediatrics and Child Health (RCPCH).

**Dr Helen Jones | Consultant children's nephrologist**

Following her training in general children's medicine (paediatrics), Helen began training in paediatric nephrology in March 2009 and worked as a specialist registrar at both Evelina London and Great Ormond Street Hospital until September 2012.

Helen spent a short period working in children's immunology before becoming a consultant at the end of 2012.

**Dr Nick Ware | Consultant children's nephrologist**

Nick trained in London and joined the consultant team at Evelina in 2017. He has a special interest in transplantation. He also has an interest in medical education.

**Dr Shazia Adalat | Consultant children's nephrologist**

Shazia trained in London and joined the consultant team at Evelina in 2017. She has a special interest in dialysis and clinical governance.

**Dr Nabil Melhem | Consultant children's nephrologist, specialising in Chronic Kidney Disease**

Nabil undertook his general paediatric and nephrology training in London and joined the consultant team at Evelina London in 2018. Nabil's main clinical interests include management of chronic kidney disease and haemodialysis.

**Grainne Walsh | Advanced nurse practitioner**

Grainne Walsh is an Advanced Nurse Practitioner in Paediatric Kidney Transplantation, the only nurse in this role in the UK. Grainne runs her own transplant clinics and is a fully independent prescriber. She has a special interest in transition of young adults from paediatric to adult care. She is an outstanding teacher and speaker, and regularly presents at international meetings.

Grainne was recently awarded the honour of becoming a Nightingale Nurse at this Trust.



Dr Jo Clothier | Consultant children's nephrologist, specialising in bladder disorders

Dr Jo Clothier was appointed as consultant at Evelina London in 2013. She is a consultant in children's kidney and bladder disorders. Jo has expertise in both chronic kidney failure and transplantation, as well as bladder disorders, and provides vital expertise in managing patients with both bladder disorders and kidney failure.



Dr Anne Wright | Consultant in children's bladder disorders

Dr Anne Wright has worked in the children's bladder service at Evelina London Children's Hospital since 1996. She was appointed consultant in charge in 2003.

One day a week she works in the community in Southwark with responsibility for the bladder and bowel clinic, as well as:

- physical and learning disabilities
- neurodevelopmental disorders – autistic spectrum disorders, attention deficit hyperactivity disorder (ADHD) and Downs Syndrome
- child protection.

Nationally, Anne is a member of the clinical guideline group for the NICE guidelines on enuresis and is the chairperson for the ERIC clinical advisory committee.

Internationally, she sits on the Board of the International Children's Continence Society.

Transplant surgeons



Professor Nizam Mamode | Clinical Lead and Lead for Antibody Incompatible Transplantation

Professor Mamode trained in Glasgow before moving to London in 2002. He joined the Guy's and St Thomas' Renal Transplantation Unit in 2002 where he introduced laparoscopic donor nephrectomy and antibody incompatible transplantation into the unit, which now has the largest experience of both in the UK.

He has been principal investigator in two studies of eculizumab, a ground-breaking new therapy, in transplantation for highly sensitized patients. He is attempting to develop a method of implanting kidneys laparoscopically and is working on inducing tolerance using combined marrow and kidney transplantation. He has a strong interest in the ethics of transplantation. He has also completed a book 'Abdominal Transplantation: State of the Art', as well as two book chapters, and was made professor of transplantation surgery in 2015.



Mr Francis Calder | Lead for Vascular Access

Mr Calder trained in transplant, laparoscopic and vascular access surgery at Guy's and St George's Hospitals in London. He was appointed a consultant at Guy's and St Thomas', King's College and Great Ormond Street Hospitals in 2005.

He sits on the council of the Vascular Access Society of Great Britain and Ireland and the NHSBT Kidney advisory Paediatric sub group. He is a member of the court of examiners of RCS England.

He has specialist interests in living donation, paediatric transplantation and vascular access in children and adults.



Mr Nicos Kessarlis | Lead for Paediatric Transplantation

Mr Nicos Kessarlis undertook his specialist registrar training in general surgery and transplantation at the London Deanery and he spent his last two years of training at Guy's and St Thomas' and Hammersmith Hospitals. He worked at St George's renal transplant unit as a consultant between 2007 and 2012. During this period he established the ABO and HLA incompatible transplant programs.

Mr Kessarlis has been at Guy's and St Thomas' since April 2012. He is currently involved in renal, pancreas as well as paediatric transplantation. He also participates in vascular access and peritoneal dialysis surgery.



Mr Martin Drage | Lead Clinician for Pancreas Transplantation

Mr Martin Drage spent his initial surgical training in Cambridge, working for transplantation pioneer Sir Roy Calne. He developed an interest in the biology of transplantation and spent four years working on the immune system, tolerance and T cell biology in the laboratory of Anne Cooke in Cambridge. Following that he completed training in general surgery, kidney, liver, pancreas and small bowel transplantation at Addenbrooke's Hospital in Cambridge.

In 2008 Martin spent a year in Canada, at the University of Western Ontario, London, Ontario. In Canada, he spent time training in living donor kidney and liver surgery, paediatric transplantation and all other aspects of transplantation.



Mr Chris Callaghan | Lead for Deceased Donor Transplantation

Before moving to the UK, Mr Callaghan received his undergraduate medical education at the University of Otago, New Zealand. He was awarded a PhD in transplant immunology from the University of Cambridge, and then trained in multi-organ abdominal transplant surgery and vascular access surgery at Addenbrooke's Hospital, Cambridge.

Mr Callaghan was appointed as a consultant to Guy's and St Thomas' Hospital in 2011. His specialist interests include renal and pancreatic transplant surgery.

Clinical nurse specialists

- Pernille Rasmussen, chronic kidney disease nurse specialist
- Emma Rigby, nephrology and nephrotic syndrome clinical nurse specialist
- Katie Naylor, home dialysis nurse specialist
- Hannah Gosling, deputy CNS for home dialysis
- Melissa Brassington, deputy CNS for home dialysis
- Arran Wheatley, transition CNS for home dialysis
- Katie Bareford, transplant coordinator
- Jo Newton, hypertension nurse specialist

Matrons / ward managers

- Ellen Samuel, Matron for Nephro-Urology, and Beach Floor
- Carmen Barton, Matron, Dialysis service
- Sarah Jeffery, Sister / Ward Manager, Beach Ward
- Joanann O'Brien, Sister / Ward Manager, Beach Ward
- Liz Moore, Sister / Education lead, Beach Ward

Psychologists

- Stacie Bowden
- Sophie Wallace-Hadrill

Play specialists

- Cathy Gill, senior health play specialist (CKD, transplant and urology)
- Joanna Thomas, senior health play specialist (dialysis and inpatient)
- Safiya Ahmad, health play specialist (dialysis and inpatient)

Social worker

- Munira Asaria

Dietitians

- Triona Joyce
- Karen Laler

Pharmacist

- Will Thornhill

Service manager

- Abby Sinclair, Service Manager
- Janice Kennedy, Assistant Service Manager

Fees

A course fee per week will be applied. This excludes accommodation and travelling expenses. To find out the fee please contact us by emailing vpp@gstt.nhs.uk.

Registration and enquiries

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

Education and Events

Guy's and St Thomas' NHS Foundation Trust

Email: 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 £1.5 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.

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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