

Guy's and St Thomas'



NHS Foundation Trust



Visiting Professional Programme: Clinical Pharmacy

Introduction

Guy's and St Thomas' NHS Foundation Trust provides a fully comprehensive pharmaceutical service which includes dispensing, clinical pharmacy, manufacturing, medicine information, medicine safety and quality assurance. Our pharmacists work across multi-disciplinary teams both in the hospital and community setting, to deliver advice, guidance and support within a culture of medicine safety.

The Clinical Pharmacy Programme is intended to provide visiting pharmacists with the core aspects of pharmaceutical care in order to have the knowledge and skills to practice safely. The programme offers a unique opportunity to acquire knowledge and clinical skills that can be applied back at work in the visitors own setting.

Who should attend?

The Clinical Pharmacy programme is intended for overseas pharmacists with an interest in pharmaceutical care. It would be an advantage for visitors to have experience in adult pharmacy but it is not essential, however those applying are expected to have worked in a hospital pharmacy.

Duration

Clinical Pharmacy Observership

We are able to offer visiting pharmacists an observership for a period of two to six weeks. During this period the visitor will have the opportunity to observe and practice clinical pharmacy skills, initially in the area of general medicine and general surgery. After this induction period visitors will be able to select specialist areas where they may wish to gain a deeper insight into the skills and knowledge of specific clinical areas. The programme's duration can be tailored to the specific learning requirements of those visiting the Trust. Specific programs can be tailored for more experienced pharmacists wishing to develop their clinical skills in a single speciality.

Clinical Pharmacy Fellowship

For those wishing to spend longer in an area of practice we are able to offer visiting professionals a clinical pharmacy fellowship of up to 6 months. In addition to the opportunity to gain and practice clinical pharmacy skills as in the observership, visitors will have the opportunity to participate in research and/or governance projects under the supervision of clinical specialists, as well as gaining a more in-depth understanding of clinical pharmacy practice in one or more specialist areas.

Format

The programme will be based within the hospital environment and ambulatory care where these services are provided. Visitors will work alongside, and learn from, experienced clinical pharmacists. Visiting professionals will be aligned with a supervisor from within the pharmaceutical team who will ensure that all of their learning and development needs are met.

The programme has been designed to provide the opportunity to contribute to patient care and interact with patients, their carers and healthcare professionals. A unique focus of this programme is the opportunity for visitors to be totally integrated in the delivery of pharmacy services at the hospital. This

means that they will attend ward rounds with the clinical teams and participate in the pharmacy team's weekly teaching and training activities.

Programme Aims

The programme is aimed at those who wish to extend their expertise in clinical pharmacy and who wish to learn more about Guy's and St Thomas' NHS Foundation Trust's pharmaceutical services.

The training aims to enable visitors to:

- Obtain direct experience and exposure to clinical pharmacy practice
- Spend time with and gain learning insight from our expert pharmaceutical team
- Interact with patients and contribute to their care
- Attend internal meetings and training activities
- Gain experience of the NHS and working in one of the largest teaching hospitals in central London
- Critique the use of medicines in the management of the most common clinical conditions

Pharmaceutical Services

Guy's and St Thomas' NHS Foundation Trust provides all pharmaceutical services and expertise, including dispensary, stores, clinical pharmacy, manufacturing, medicine information, medicine safety, governance, and quality assurance.

For more information on clinical pharmacy services at Guy's and St Thomas' NHS Foundation Trust please view the video clip at <https://www.youtube.com/watch?v=FxqVFchQpco>

Clinical pharmacy specialist expertise and support is available for medicine (including respiratory medicine, diabetes, HIV and sexual health, oncology, immunotherapy, haematology, palliative care), surgical specialities (including pain management and total parenteral nutrition), cardiovascular services (cardiology, cardiothoracic surgery and vascular surgery), renal medicine (including renal transplantation and haemodialysis), infectious diseases, critical care, and paediatrics.

We employ seven Consultant Pharmacists, working at the forefront of clinical pharmacy practice (more than any other Trust).

Our pharmacists work across multi-disciplinary teams both in the hospital and community setting, to deliver advice, guidance and support within a culture of medicine safety.

Clinical Pharmacy Service

Guy's and St Thomas' NHS Foundation Trust Pharmacy department is one of the largest in the UK and has a strong focus on individual patient care. Patients in the hospital environment need more specialised care due to their condition so pharmacists will often attend the bedside of patients in hospital ensuring the safety and effectiveness of medicines and consulting the patient with regards to issues they may have regarding concerns about medicines.

Patients are prioritised according to their pharmaceutical care needs with junior pharmacists undertaking tasks which focus on the safety of patients, mid-grade pharmacists focussing on the effectiveness of medicines use and senior pharmacists working in areas where the evidence for medicines use is conflicting or lacking.

The clinical pharmacy service provides a seven-days-a-week service to key specialities and is supported by the resident (onsite) pharmacy service, which acts as the first point of contact for the pharmaceutical care needs of patients out-of-hours.

Training Format

Clinical Pharmacy Observership

The structure of the Clinical Pharmacy Observership is based on a three two-week blocks which consists of two weeks of general clinical pharmacy training and four weeks of specialist clinical pharmacy training. This enables visitors to focus on clinical specialties that may be of particular interest.

The training programme combines teaching, observation and a practical element enabling visitors to have hands-on experience. The practical element is optional and visitors may observe if they do not wish to take part in the practical application.

The Observership can be tailored for visitors both in terms of length and content.

Programme structure	Duration	Content
General clinical pharmacy training	2 weeks	<ul style="list-style-type: none"> • Induction – learning to use electronic systems, information governance, patient confidentiality, information sources • Teaching – overview of clinical pharmacy, processes, medication safety, therapeutic topics relevant to acute medical and surgical admissions • Practical application – medicines reconciliation, medicines review of inpatients, therapeutic drug monitoring and interventions, discharge, education and information provision, transfer of care • Direct observation – pharmacists working in anticoagulation clinics and post-take ward rounds
Specialist clinical pharmacy training (visitors may continue with general clinical training if preferred)	2 weeks	Specialise in two clinical areas from: <ul style="list-style-type: none"> • Cancer • Cardiology • Cardiothoracic surgery • Children's medicine • Critical care • Diabetes • Gastroenterology • HIV and Sexual Health • Immunotherapy • Renal medicine • Respiratory medicine • Women's health

Specialist clinical pharmacy training	2 weeks	Specialist clinical pharmacy training to include: <ul style="list-style-type: none"> • Induction – specialist departmental induction, learning to use electronic systems • Teaching – therapeutic topics relevant to clinical area • Practical application – medicines reconciliation, medicines review of inpatients, Therapeutic Drug Monitoring (TDM) and interventions, complex therapeutic decision-making, discharge education and information provision, transfer of care
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Clinical Pharmacy Fellowship

The structure of the Clinical Pharmacy Fellowship is designed for visitors wishing to gain a more in depth and hands on experience in clinical pharmacy. The Fellowship encourages visitors to actively participate in the delivery of clinical pharmacy services under appropriate supervision. Visitors will also be able to participate in the teaching and research activities for the department.

The Fellowship can be tailored for visitors both in terms of length and content.

Programme structure	Duration	Content
General clinical pharmacy training	4 weeks	<ul style="list-style-type: none"> • Induction – learning to use electronic systems, information governance, patient confidentiality, information sources • Teaching – overview of clinical pharmacy, processes, medication safety, therapeutic topics relevant to acute medical and surgical admissions • Practical application – medicines reconciliation, medicines review of inpatients, TDM and interventions, discharge, education and information provision, transfer of care • Direct observation – pharmacists working in anticoagulation clinics and post-take ward rounds

<p>Specialist clinical pharmacy training in one or two of the selected clinical areas</p> <p>(visitors may continue with general clinical training if preferred)</p>	22 weeks	<p>Specialist clinical pharmacy training to include:</p> <ul style="list-style-type: none">• Induction – specialist departmental induction, learning to use electronic systems• Teaching – therapeutic topics relevant to clinical area• Practical application – undertake various tasks specific to the area of practice and the visitors capability which may include undertaking medicines reconciliation, medicines review of inpatients, TDM and interventions, complex therapeutic decision-making, discharge education and information provision.• Participate in pharmacist-led clinics to support the pharmaceutical care needs of ambulatory care patients• Undertake formal drug use reviews and clinical audits relevant to the area of specialisation.• Undertake, collect and process data as part of the ongoing research agenda in the speciality.
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Faculty Course Director



Duncan McRobbie is currently Associate Chief Pharmacist – Clinical Services at Guy's and St Thomas' NHS Foundation Trust in London where he leads a team of over 60 staff to ensure that medicines are used safely, appropriately and cost effectively. The department he leads recruits, retains and develops clinical pharmacy practitioners of national and international calibre and is committed to patient care, education and research.

In his specialist area of practice as Lead Cardiovascular Pharmacist, Duncan works to ensure patients with cardiac disease receive optimal pharmaceutical care, both in a direct patient care role, but also managing, mentoring and supporting a team of pharmacists and students. He particularly manages complex patient care situations with consultant colleagues when the evidence base for medicines use is contradictory or lacking. As independent prescriber he has worked in GP practices undertaking medication review for patients with coronary heart disease.

Duncan teaches extensively on coronary heart disease to undergraduates and postgraduates from all professions and is a reader at King's College London and a visiting professor UCL School of Pharmacy.

He is a past chair of the United Kingdom Clinical Pharmacy Association and immediate past chair of that organisation's Cardiac Pharmacists group. He has represented his profession on various national committees. He is a Fellow of the Royal Pharmaceutical Society.

His research interests include understanding how medicines can best be optimised for patients and designing and evaluating tools to test pharmacists' competence to undertake current and future roles. He has published widely in this and other fields of pharmacy practice.

Academic Director



Graham Davies is Professor of Clinical Pharmacy & Therapeutics at the Institute of Pharmaceutical Science, King's College London. He established and led the Clinical Practice and Medicines Use Group until recently.

He has published over 150 peer reviewed articles and conference abstracts during his career. His research interests include identifying and managing medicines related harm in the elderly which has attracted grants from Guy's and St Thomas Charity as well as NIHR to support the programme. In addition, he is co-director of the Centre for Adherence Research and Education (CARE), a King's Health Partners initiative to tackle the problem of medicines non-adherence, by providing education and tools to support adherence identification.

Over the years he has contributed to the strategic development of pharmacy education, holding key positions as the MPharm Course Director for King's College, the Pharmacy Education Lead for the Pharmaceutical Science Clinical Academic Group (part of King's Health Partners) and Pharmacy work stream lead for the South London Health & Innovation Education Cluster. He was also

instrumental in establishing a novel postgraduate workplace Diploma for hospital pharmacists, as part of the Joint Programmes Board initiative within the south east of England.

Professor Davies spent over 10 years working as a clinical pharmacist, including periods as a specialist (paediatrics, general medicine and anticoagulation) as well as managing a range of clinical, technical and ancillary staff as the Deputy Director of Pharmacy at a London Hospital. In addition, he spent 15 years as an advisor to the London and South East Regional Health Authority, contributing to the strategy development of Clinical Pharmacy Services across the managed sector.

He was made a Fellow of the Royal Pharmaceutical Society (RPS) in 2009, a Faculty Fellow of the RPS in 2013, and an Honorary Fellow of the Hong Kong Academy of Pharmacy in 2011.

Medicine Safety Lead



Dr Alice Osborne is the consultant pharmacist for safe medication practice and the medication safety officer at Guy's and St Thomas' NHS Foundation Trust and within this is co-chair of the Trust's Medication Safety Committee. She is also a Clinical Reader in medicines safety at the Institute of Pharmaceutical Science, Faculty of Life Sciences, King's College London.

Medication safety work currently focusses on dose omission, safety with injectable medicines and optimising electronic prescribing and administration systems for safety. Past work has focussed on falls reduction in older patients, medication safety at discharge and drug allergy.

Past research includes medication safety in hospital and in community pharmacy, safety cultures, medicines information and patient safety, and prescribing in older patients.

Dr Osborne completed a post-graduate certificate in independent prescribing in 2017 and a PhD at King's College London, University of London in 2003 in tools to assess and enhance appropriate prescribing for elderly patients. Prior to this, she completed a postgraduate MSc in Clinical Pharmacy at UCL School of Pharmacy London in 1992 and undergraduate studies in New Zealand.

Key members of the pharmacy medication safety team: Dr Virginia Aguado (Injectable Medicines Safety) and Emma Ritchie (Electronic Prescribing and Medication Administration).

Cardiovascular Lead



Imran Hafiz graduated from King's College London in 2003 and undertook his resident and specialist training at Guy's and St Thomas' NHS Foundation Trust. In 2014 he was appointed as Principal Cardiovascular Pharmacist. He leads a team of clinical pharmacists to deliver pharmaceutical care to patients admitted within our tertiary referral cardiology, cardiac surgery and vascular surgery specialties. In addition, the team delivers long-term care to patients with cardiovascular disease in the community setting.

As an independent pharmacist prescriber, Imran maintains a strong clinical commitment in both the inpatient and outpatient settings. He is a member of the directorate clinical governance team and works closely with clinical and consultant leads to ensure robust, safe and effective processes for medicines use in these patients.

Imran teaches to undergraduates and postgraduates in a variety of professions. He has developed a strong undergraduate pharmacy education curriculum within cardiovascular services, providing a hands-on clinical experience for UK-based students as well as those from further afield. He is a clinical lecturer at King's College London. He also holds academic titles with international universities in the US such as Samford, Ohio and South Carolina.

Key members of the Cardiovascular team: Victoria Collings (Academic Link), Clare Thompson and Gayle Campbell (Heart Failure), Abhiti Gulati (Diabetes) and Chris Meddings (Community Outreach).

Critical Care Lead



Fraser Hanks is the principal pharmacist for Adult Critical Care, Lane Fox and TAP (Theatres, Anaesthetics and Pain). He has been working in critical care for last 10 years, providing advanced pharmaceutical care to tertiary critical care units including ECMO, liver, neuro, transplant, trauma, as well as complex medical and surgical patients. He is an honorary senior clinical lecturer at King's College London Medical School. Fraser has heavily contributed to the development and delivery of the prescribing skills programme for undergraduate medical students, and is teaching faculty for the UCL Post Graduate Diploma for General Pharmacy Practice.

He is responsible for leading the delivery of the pharmacy service to one of largest critical care departments in Europe with over 100 beds with a team of ten pharmacists and two technicians. Clinically, he works closely with leading intensivists to ensure the safety and effectiveness of medicines in the most acutely unwell patients. His specialist interests include medication safety in critical care and the pharmacokinetics/pharmacodynamics of antibiotics.

His managerial responsibility includes critical care areas as well as the theatres, recovery areas and diagnostic imaging. As these areas have expanded, he has been successful in growing the pharmacy service to meet the increasing demand in line with national standards.

He regular teaches medical and pharmacy undergraduate and postgraduate students, supervises project work as well as providing support and direction to the pharmacists in his team.

Key members in the Critical Care team include: Ruth Wan (Consultant Pharmacist), Chris Meddings (Lead for TAP), Lynda Cameron, Carol Jones, Mike Barker and Sarah Khorshid (Specialist Critical Care Pharmacists).

Haemostasis and Thrombosis Lead



Vikki Collins is consultant pharmacist for haemostasis and thrombosis and GSTT.

Graduating from the University of Nottingham in 2004, Vicki joined Guy's and St Thomas' NHS Foundation Trust as a resident pharmacist in 2006 where she gained her diploma in General Pharmacy Practice. She progressed through the specialist clinical pharmacist rotations in respiratory medicine, paediatrics, cardiology and cardiothoracics, stroke and gastroenterology.

In 2013 Vicki was appointed to the role of Academic Link Pharmacist, splitting her time between the Cardiovascular team at St Thomas' and King's College London. This role consolidated her passion for education of having supervised over a hundred UK and international undergraduate pharmacy students, preregistration trainees and postgraduate pharmacists. She supported the development of clinical pharmacy education and experiential learning for undergraduate pharmacy students and moved onto Programme Lead for the Independent Prescribing Programme in 2016.

In August 2017 she was promoted to Principal Pharmacist for Haemostasis & Thrombosis, working both internally with the monitoring and anticoagulation services (specialist nurses and consultants) and externally in the local community to simplify referral pathways and access for patients, requiring good links with other hospitals and CCGs in South London.

As an independent pharmacist prescriber, Vicki has clinical commitments for both the inpatient and outpatient settings and currently has regular outpatient clinics within the haematology department for initiating and monitoring anticoagulation. She is committed to patient education and improving treatment adherence and persistence, and was co-lead for a project which won an Anticoagulation Achievement Award in 2018. As a tertiary centre for thrombosis, she is actively involved in both the development of and participation in research projects for patients on or potentially in need of anticoagulation.

Key member of the Haemostasis and Thrombosis team: Anthony Hackett (Anticoagulation Specialist Pharmacist), Zahra Mahir (Anticoagulation Development Lead and VTE Prevention Pharmacist)

HIV / Sexual Health Lead



Asim Ali is the principal pharmacist for HIV, Sexual and Reproductive Health since 2018. He graduated in 2003 and has been working at Guy's and St. Thomas' NHS Foundation Trust ever since. His previous roles at this Trust have been pre-registration pharmacist, resident pharmacist, specialist rotational pharmacist, specialist HIV and Sexual Health pharmacist and highly specialist HIV and Sexual Health pharmacist. Asim has contributed to the national agenda as a member of the multidisciplinary British HIV Association (BHIVA) and HIV Pharmacy Association (HIVPA) as well as being the current chair for the London HIV Lead Pharmacists group. He is a previous winner of the BHIVA exchange scholarship to Botswana.

Asim leads a team of six specialist pharmacists providing a busy tertiary specialist clinical service in HIV and provides an outreach pharmacy service to three Sexual and Reproductive Health clinics. It is one of the largest and leading HIV centres in the UK. The Trust serves the two boroughs (Lambeth and Southwark) which have the highest prevalence of HIV in the UK and have a unique and very diverse patient group. As an independent prescriber, Asim runs a pharmacist-led prescribing clinic for patients living with HIV where patients will start or switch treatment or require close monitoring during the early stages of starting or switching treatment. This clinic also supports patients who have adherence difficulties.

The pharmacy team he leads provides clinical pharmacy support to a number of specialist areas within HIV that includes pregnant women, young adults, patients with metabolic problems, co-infection with TB, co-infection with hepatitis, patients with renal problems and a treatment advice clinic for highly treatment experienced patients. Thanks to the range of specialist areas, the team delivers a very popular educational programme to undergraduate and postgraduate students from all over the world. The team also leads on the first smoking cessation clinic in the country that is dedicated to patients living with HIV. This is synergistic with the 'Living Well' clinics which have been created to serve our patients who are now living longer lives and subsequently developing age-related comorbidities.

Asim is also leading a pilot project called "Written Medicine" on behalf of the Trust which will provide medication labels and information sheets translated into the patient's first language. He will also be piloting electronic prescribing in Outpatients. He has a strong interest for project management to transform and develop innovation in healthcare.

Key members in the HIV, Sexual and Reproductive Health Team include Alison Grant, Alexandra Travers, Stephanie Tyler, Will Barchi and a rotational specialist pharmacist.

Immunotherapy Lead



Karen Topping is the Principal Pharmacist for Immunotherapy and Commissioning at Guy's and St Thomas' NHS Foundation Trust. She registered as a pharmacist in 2003 and undertook her training in a number of London teaching hospitals including completing her diploma in General Pharmacy Practice before starting at Guy's and St Thomas' in 2007. She left the trust to lead the Medicine Directorate at London North West Healthcare in 2012 then returned to join the Immunotherapy team in 2014. Her pharmacy roles have involved looking after a number of medical specialties.

She now leads the Immunotherapy team who provide clinical pharmacy support to Allergy, Dermatology, Neurology and Rheumatology including providing a homecare medicine service for over 2000 patients and supporting the day units for patients attending for intensive topical therapy and infusions.

Her team also works closely with the hospital contracts team, NHS England and the Clinical Commissioning Groups by supporting the use of high cost medicines in the NHS. This work includes evaluating the impact of new NICE approved medicines and commissioning circulars produced by NHS England and producing South East London pathways to optimise biologic medicine usage.

Her main clinical interests include rheumatology, biosimilar medicines and human normal immunoglobulin. She is a member of the national immunoglobulin work group as well as the sub-regional immunoglobulin assessment panel.

Key members in the Immunotherapy team include Andrew Blyth and Lydia Marsh (Highly Specialised Medicine Optimisation Pharmacist), Arlene McGuire, Sarah Guard and Clare Szlumper (Highly Specialised Dermatology and Allergy Pharmacist), Sharon Dhindsa and Mari Fairfax (Immunotherapy Pharmacists)

Infectious Diseases Lead



Paul Wade has been working within the Infectious Diseases speciality since 1987, firstly at the Regional Infectious Diseases Unit at Northwick Park Hospital, then at Great Ormond Street Childrens' Hospital, and latterly as a practitioner & lecturer at Brighton. During that time, he has also gained experience within critical care, haematology/oncology (including bone marrow transplantation), immunology, paediatrics and general medicine to complement his infectious diseases expertise.

In 2008, Paul was appointed as the first consultant pharmacist in infectious diseases in London and has been managing the antimicrobial stewardship programme at Guy's & St. Thomas' NHS Foundation Trust ever since. He chairs the Antimicrobial Stewardship Committee and is also Vice Chair of the Trust Drug & Therapeutics Committee. His work is primarily focused on improving antimicrobial usage across the Trust, in particular managing the use of our protected antimicrobial agents and limiting development of antimicrobial-associated adverse events. He is a past Chair of the United Kingdom Clinical Pharmacy Association Infection Management Group and currently sits on the Royal Pharmaceutical Society's Expert Advisory Group on Antimicrobial Resistance and Antimicrobial Stewardship.

His main clinical areas of interest are management of diabetic foot infection, management of infections in critical care, antifungal stewardship, and management of tuberculosis, including resistant cases. His research interests include: antimicrobial consumption & impacts on resistance; quality improvement; use of informatics to drive antimicrobial stewardship; and pharmacokinetic-pharmacodynamic optimisation of antimicrobial therapy.

Paul also works closely with colleagues at King's College London in developing and delivering undergraduate and postgraduate education and training for antimicrobial stewardship and infectious diseases.

Key team members in Infection include Rajeni Thangarajah (adults) and Faye Chappell (paediatrics)

Medicine Lead



Anna Watson was appointed to the role of Principal Pharmacist for Acute Medicine in the Trust in December 2015 and she leads a team of 20 pharmacists and pharmacy technicians in the provision of pharmaceutical services to the emergency department, and over 300 inpatients in medical admissions, general medicine and the older persons unit.

Anna joined Guys and St Thomas NHS Foundation Trust as a resident pharmacist where she gained her diploma in General Pharmacy Practice. She progressed through the specialist clinical pharmacist rotations in acute medical admissions, paediatrics, cardiology and cardiothoracics and intensive care before moving into the role of Lead Pharmacist for Acute Medical Admissions in 2010.

She is passionate about ensuring provision of a high quality clinical pharmacy service to patients in the varied and challenging acute medical setting and enjoys working with a multidisciplinary team to bring about changes to service delivery models that will enhance patient care. She co-ordinates and evaluates the pharmacist input into the post-take medical ward rounds ensuring patients medicine-related problems are addressed at the earliest point in their inpatient stay. Anna is an independent prescriber and regularly utilises her prescribing skills to improve patient care and is committed to the education of juniors, having supervised over 50 pharmacy students, preregistration students and postgraduates.

She is the pharmacy clinical audit lead ensuring the quality and governance of medicines use and representing the contribution that pharmacy makes to this agenda at Trust level.

Key team members in Medicine include Ursula Gotel (Emergency Medicine Lead), Anuja Bathia (Acute Medical Admissions Lead), Jaymi Mistry (General Medicine Lead), Sarah Wilkinson (Older Persons Medicines Lead).

Paediatric Lead



Nanna Christiansen has specialised in paediatrics for over 15 years, working at the Royal London Hospital, University College Hospital and Great Ormond Street Hospital, where she completed her MSc.

After being the lead for paediatric pharmacy at Barts Health NHS Trust for over 10 years, she became Consultant Pharmacist for Paediatrics in 2016. During her time at Barts Health she completed her MBA and became an independent prescriber.

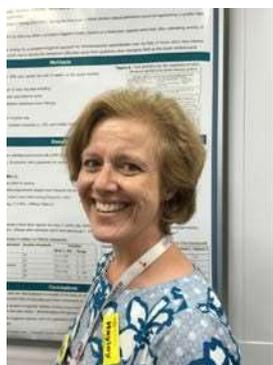
In 2018 she joined the Evelina London Children's Hospital as the Associate Chief Pharmacist for Children's services. The Evelina London is the second largest provider of specialist paediatric services in London, covering many different specialities.

Whilst still being a hands-on clinical pharmacist leading a team of about 25 staff at the Evelina London Children's Hospital, she is also a Honorary Research Associate for UCL School of Pharmacy and a Fellow of the Faculty of the Royal Pharmaceutical Society. She writes and review papers and frequently supervises pre and post graduate research projects.

As a committee member for the Neonatal and Paediatric Pharmacists Group (NPPG), she represents paediatric pharmacy at a national level and as Medusa IV guide board member is involved in the national paediatric IV guide. Locally, she is chair of the Paediatric Medicines Committee, secretary to the Paediatric Guidelines Committee and responsible for the paediatric formulary.

Key team members in Paediatrics include William (Will) Thornhill (Principal Pharmacist and Paediatric Nephrology Specialist Pharmacist), Sara Arenas (Consultant Pharmacist in PICU), Jane Bass (Lead Pharmacist for Obstetrics), Faye Chappell (Lead Pharmacist for Paediatric ID), Sian Gaze (Lead pharmacist for NICU), Nicola Hussain (Lead for Pain and Academic Link) and Trinh Huynh (Lead Pharmacist for Paediatric Neurology and Metabolics).

Renal and Urology Lead



Hayley Wells has been Principal Renal, Transplant and Urology Pharmacist at Guy's and St. Thomas' NHS Foundation Trust since 2007. She was awarded a Bachelor of Pharmacy degree from University of Wales in 1992, an MSc in clinical pharmacy from Brighton University in 2001, and became an independent prescriber in 2011.

She currently leads a clinical pharmacy team of eight pharmacists and technicians delivering highly specialist pharmaceutical care to renal, transplant and urology inpatients and outpatients.

Guy's and St. Thomas' NHS Foundation Trust is a centre of excellence for the treatment of kidney and urological disease, being a regional centre for kidney transplantation, a supraregional centre for kidney and pancreas transplantation and for blood group and HLA incompatible transplantation. The renal service also treats around 650 dialysis patients and we have one of the largest home haemodialysis programmes in the UK. Urology inpatient and outpatient care is provided on two inpatient wards where 1700 patients are admitted annually.

Hayley has an interest in adherence to drug therapy, drug therapy associated with HIV transplantation and other rare diseases and is responsible for prescribing anaemia therapy for 80 haemodialysis patients. She has significant experience of establishing and managing homecare services for around 700 transplant patients.

Hayley works nationally as a committee member the UK Renal Pharmacy Group, represents pharmacy on the British Renal Society Committee as well as holding memberships of the Royal Pharmaceutical Society.

She has contributed chapters to the Oxford Handbook of Renal Nursing, ABC of Kidney Disease and Introduction to Renal Therapeutics and has also published her MSc research on adherence.

Key members of the Renal and Urology Team team: Linda Ross (Specialist Pharmacist for Transplant) and Louise Condon (Specialist Pharmacist for Chronic Kidney Disease).

Respiratory Medicine and Sleep



Gráinne d'Ancona is the consultant pharmacist for respiratory and sleep medicine at Guys and St Thomas' NHSFT and clinical lecturer at KCL.

She was a member of the BTS/SIGN asthma guideline committee for over 10 years; contributed to the development of the NICE asthma quality standards, co-wrote the BMJ COPD learning module and was on the RCP national COPD Audit Programme board. She currently is a committee member of the UKCPA respiratory committee, co-chairs the SEL responsible Respiratory Prescribing Committee and with colleagues in the London respiratory network, has developed national prescribing and patient guidance for the safe use of inhaled corticosteroids.

Her clinical role includes optimising and delivering care to patients with severe asthma, COPD, ILD and sleep disorders, in the hospital setting and in works in general practice to support delivery of safe and effective care to people with lung disease.

Surgery, GI and Acute Pain Lead



Having initiated pharmacy services to ICU and Anaesthetics at the Royal London Hospital, Caroline was appointed as a senior pharmacist to help set up the Adult Acute Pain Service in Guy's and St Thomas' NHS Foundation Trust in 2000. In 2003, she was appointed Principal Pharmacist, Surgery, Gastro-intestinal disease & Acute Pain at Guys' and St Thomas' NHS Foundation Trust, broadening her focus to effective use of medicines in surgical pathways as a whole. She now leads a team delivering pharmaceutical care to patients in seven surgical specialities, across 11 wards, alongside acute pain management, anticoagulation and thrombosis safety.

Her specialist interests are proactive prescribing for surgical patients and acute pain. She regularly lectures undergraduate pharmacy students at King's College London and postgraduate pharmacists at UCL, as well as facilitating workshops to phase three and five undergraduate medical and pharmacy students. She is also active in training junior doctors and postgraduate specialist nurses in pain management and safe use of medicines in surgical pathways.

Caroline is a member of several medicines management committees, including oversight of Trust thrombosis and thromboprophylaxis management and medication safety in GI surgery.

Key team members in the team include specialist clinical pharmacists: Esha Sharma (Gastroenterology), Kathryn Patterson (Head and Neck Surgery), Sandeep Banwait (Orthopaedics and Plastics), Sonal Mashari (Hepatitis), Rhona O'Neill (Medicines Optimisation, Inflammatory Bowel Disease)

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 Clinical Pharmacy Visiting Professional Programme please complete the application form at www.guysandstthomasevents.co.uk and return to:

Events Team
Guys and St Thomas' NHS Foundation Trust

Email: vpp@gstt.nhs.uk

Tel: + 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:

- 1.07m 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, 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.