



# Visiting Professional Programme: Paediatric Pharmacy

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## Programme details

### Who should attend?

The Paediatric Pharmaceutical Care Internship programme is intended primarily for overseas pharmacists with an interest in paediatric pharmaceutical care. Experience in paediatric pharmaceutical care is not essential but would be an advantage for those attending. Interns are expected to have worked in a hospital pharmacy.

### Duration

The internship is designed to run over six weeks, although in exceptional cases the student placement can be run over a four week period, providing all the course work required for accreditation is completed successfully. Shorter courses may be applied for, but these will not be accredited by King's College London.

We are currently taking applications for the following dates:

May internship: 14<sup>th</sup> May 2018 – 22<sup>nd</sup> June 2018

October internship: 15<sup>th</sup> October 2018 – 23<sup>rd</sup> November 2018

### Format

Interns will be based within the hospital environment and will work alongside, and learn from, experienced paediatric clinical pharmacists within a variety of specialist clinical areas. They will receive one-to-one tuition and supervision and will take part in case discussions and ward-based tutorials. Interns will have 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 interns to be totally integrated in the delivery of paediatric pharmacy services at the hospital. Interns will also join the pharmacy team's weekly teaching and training activities. To complement and support the clinical experience gained within the hospital environment interns are also expected to complete a programme of self-study and formal assessments which are accredited by King's College London.

### Overall aims

The internship is intended to provide pharmacists with the core aspects of paediatric pharmaceutical care in order to have the knowledge and skills to practice safely. A key element of the internship is to consider how the knowledge and skills acquired on the course can be applied back at work in the student's own setting.

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## General learning outcomes

On completion of the programme students should be able to:

- Critique the use of medicines in the management of the most common paediatric clinical conditions.
- Assess the influence of age and weight on both drug handling and patient response in association with the product formulation and appropriate formulations available for use in children.
- Demonstrate a detailed understanding of the range of risk and clinical governance strategies which could be used to design safer care to children within different health care organisations and systems, especially as they relate to the developing world.

## Clinical learning outcomes

On completion of the programme, students should be able to:

- Apply a clinical knowledge and understanding of drug efficacy, safety and drug handling to different stages of child development, to allow paediatric prescription monitoring for a range of common paediatric diseases and conditions.
- Demonstrate an understanding of the medicines licensing system and the implications for the use of medicines in children.
- Identify the key aspects associated with the use of extemporaneous formulations and excipients in children.
- Critically review the common paediatric reference sources and use the information to resolve pharmaceutical problems.
- Assess children for likelihood that an adverse drug reaction has occurred and report such incidents using a formal reporting system.
- Use national and international guidance relating to neonatal, paediatric and young people's health care and understand the implications of applying guidance to current practice.

### University-accredited assessment

The summative assessment of competence will test underpinning knowledge, patient-centred decision making and application of theory to practice. A summary of the assessment requirements is as follows:

<i>Assessment</i>	<i>Format</i>	<i>Pass Mark</i>	<i>% of Overall Module</i>
Portfolio of Clinical Evidence	Portfolio	Pass/fail	0
Paediatric case history	1,000 word written review	50%	25% of overall module mark
Paediatric case history	30 minute oral presentation	50%	25% of overall module mark
Change management task: review of element of service delivery	2,000 word executive summary and 30 minute oral presentation	50%	50% of overall module mark

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## Overview of programme

The programme will cover the following areas:

Pregnancy and the first month of life

Drug handling and pharmacokinetics

Gastrointestinal disorders

Respiratory disease (including asthma, croup, cough, hay fever, cystic fibrosis)

Renal disease (including transplantation)

Endocrine disorders

Neurological and metabolic disorders

Childhood infections (including respiratory, otitis media and externa, sore throat, community acquired pneumonia, skin and soft tissue infections, bacterial meningitis, fungal infections, eye infections, urinary tract infections).

Dermatology

Neurosurgery

Liver disease

Paediatric and neonatal intensive care

Parenteral nutrition

## Faculty

**Graham Davies**, Professor of Clinical Pharmacy and Therapeutics, King's College London

**Sara Arenas-Lopez**, Consultant Pharmacist, Paediatric Critical Care, Evelina London Children's Hospital

**Steve Tomlin**, Consultant Pharmacist, Children's Services, Evelina London Children's Hospital

**William Thornhill**, Principal Paediatric Pharmacist, Evelina London Children's Hospital

**Nicola Husain**, Highly Specialist Paediatric Pharmacist, Evelina London Children's Hospital and Senior Pharmacy Lecturer, King's College London

**Aileen Parke**, Principal Paediatric Pharmacist, King's College Hospital

**Kate Pine**, Principal Paediatric Pharmacist, King's College Hospital

## Fees

A course fee will be applied; this fee will cover the accreditation from KCL but excludes accommodation and travelling expenses. Please contact us if you wish to discuss fees and variation in the length of the course.

## Registration

To register for the Internship please complete the application form and return to:

Education and Events team

Guys and St Thomas' NHS Foundation Trust

[vpp@gstt.nhs.uk](mailto:vpp@gstt.nhs.uk)

Tel: + 44 (0) 207 188 1622

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## Evelina London Children's Hospital

At Evelina London we provide a comprehensive range of children's healthcare services, so that we are able to look after patients from antenatal diagnosis through childhood, into adolescence and on into adult life.

The Evelina co-ordinates complex care for children across the South Thames region, working in partnership with King's College hospital, the Royal Marsden Hospital and St George's Hospital.

We are the second largest provider of children's services in London.

Children's services provided in Evelina London and St Thomas' Hospital treat around 55,000 children a year.

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.

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## King's College Hospital

We are one of London's largest and busiest teaching hospitals, with a strong profile of local services primarily serving the boroughs of Lambeth, Southwark, Lewisham and Bromley.

The hospital plays a key role in the education and training of the next generation of medical, nursing and dental students.

King's College Hospital is also a leading centre internationally for fetal medicine and is home to the Harris Birthright Centre. The centre specialises in the assessment and treatment of unborn babies, caring for more than 10,000 patients every year.

We have around 900 beds and 7000 staff members, which allows us to treat one million patients every year.



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