



Masters Certificate of Professional Development in Medicines Use in Paediatrics and Neonates *(Level 7, 20 credits)*

Have you finished your Clinical Diploma and would like to further develop your career or interest in paediatrics?

Did you decide not to do the Clinical Diploma because it wasn't tailored to your paediatric interest? Are you a Head of Pharmacy responsible for covering a clinical area with paediatrics and/or neonates and would like to support your junior pharmacist in developing their paediatric knowledge and skills? If yes, then this programme is ideal for you.

This course is aimed at students who are health professionals (pharmacist, medical practitioner or nurse), registered with the relevant professional body in the UK, or with a professional body recognised to be of similar standing to the UK regulator bodies. Students must be working in an environment that will provide sufficient access to paediatric or neonatal patients to provide opportunities to develop skills in applying knowledge to real-life cases and collect evidence for the professional practice portfolio.

Why should I do the course?

The course uses Expert Professional Practice standards for Paediatric and Neonatal care developed by NPPG. Gaining this qualification will show future and current employers that you are committed to the specialty of Paediatrics and Neonates and that you are able to apply yourself within this complex area of practice.

What will I gain from the course?

The programme provides clinical knowledge and skills that are relevant to the needs of healthcare professionals working with medicines in paediatrics and neonatology and to facilitate the professional development of the student, including fostering development of an enquiring, open-minded attitude, tempered with scientific discipline for paediatrics and neonatology, which encourages lifelong learning. For a taster of the course structure, platform and contents go to: bit.ly/2dgi06K

Course duration

The programme is studied part-time over 12 months.

Course structure

The programme is composed of two modules that each have a credit value of 10 credits. The modules are undertaken through distance learning, using the University's Blackboard online delivery system. In order to obtain an MCPD, students must pass both modules.

Module code	Module title	Credits	Assessment
7101CPPHAR	Medicines Use in Children and Neonates: Clinical Basis	10	Online examination (multiple choice questions)
7102CPPHAR	Medicines Use in Children and Neonates: Application to Practice	10	Professional practice e-portfolio

Course topics

The programme covers the following topics (please note: the contents covered in the course are not fixed and therefore new topics may be added or deleted as the need arises. Email the Programme Administrator (details below) for an up-to-date list of the areas covered).

- Developmental Pharmacokinetics and Pharmacodynamics and Application to Practice
- Practicalities of Medicines Use in Children and Neonates, including:
 - Prescribing Safety
 - Medicines Administration
 - Medicines Licensing
 - Formulation
 - Adverse Drug Reactions
 - Estimation of Renal Function
- Expert Professional Practice Skills in Paediatric Practice in the following areas:
 - Common Paediatric Infections: Meningitis, Sepsis, CAP, etc
 - Diabetes and Nocturnal Enuresis
 - Respiratory Topics: Croup, CF, Bronchiolitis, Allergies and Anaphylaxis
 - Paediatric Post-operative Care: Pain, Nausea and Vomiting, Fluid Management
 - Care of the Neonate
 - Enteral Nutrition and TPN
 - Cardiac Defects Use of Cardiac Drugs in Children
 - Introduction to Palliative Care

Course fees

£800 (£40 per credit) for Home and EU students *or*
£1,500 (£75 per credit) for International students not from the EU

Contacts and how to apply

The Programme Leader is Dr Adam Mackridge: a.mackridge@ljmu.ac.uk. Local experts in Paediatric Practice will develop the contents of the course and act as tutors for the students.

Application forms and further information can be obtained from the Programme Administrator, Nicola Urquhart. **Email:** n.urquhart@ljmu.ac.uk or **telephone:** 0044 (0)151 231 2248