MERCK FOUNDATION CAPACITY ADVANCEMENT PROGRAM

Postgraduate Diploma in Pediatric Emergency Medicine

Paediatric Emergency Medicine (PEM) is a fast-growing field that straddles the lines between paediatrics, emergency medicine, paediatric intensive care medicine, and anaesthesia. Aim of the course is to enhance understanding of a diverse range of topics such as congenital heart disease, seizures, bilious vomiting, trauma, and resuscitation, while fine-tuning your existing knowledge on research methodology, safeguarding, debriefs, and presentation skills

Postgraduate Diploma in Pediatric Emergency Medicine, University from UK	
Duration	2 Years online learning platform

Eligibility:

- Bachelor's degree in Medicine and Surgery (Primary Medical Qualification) (e.g.: MBBS or MBChB) plus one year of postgraduate clinical experience, actively attending to children in emergency situations.
- Candidates working within a public sector clinical setting (Preferably) with the aim to continue working in the public sector after graduation, in order to improve patient access to quality and equitable healthcare solutions
- Recommendation from the Ministry of Health or Office of The First Lady (For Asian Countries- Recommendation letter from The Ministry of Health or Vice Chancellor/Dean/Rector of the Medical University or President of respective Society or Medical Association)
- Proof of English language proficiency(details provided below)
- Accessibility to stable Internet connection

Course Structure

The online course lasts 24 Months and is a distance learning course. It consists of:

Year 1:
Specialities in Fundamentals in Paediatric Medicine
- Fundamentals in Paediatric Emergency Medicine 1
- Fundamentals in Paediatric Emergency Medicine 2
- Fundamentals in Paediatric Emergency Medicine 3

Year 2:
Compulsory Module: Paediatric Medical Emergencies

Group A – **PECM Emergency Medicine Stream**
- Surgical Emergencies & Trauma/ Anaesthesia & Sedation
- Additional Topics in Paediatric Emergency Medicine

Or

Group B – **PECM Critical Care Stream**
- Paediatric Critical Care 1
- Paediatric Critical Care 2



Assessment

Assessments are based on the Course work using written assessment, project or placement report, portfolio and Dissertation/ Research Project. Modules per year has the same assessment format. Due to the online nature of the course, students are expected to login and participate in the course regularly throughout the module.

Written Exam 60 %, Coursework 40 %, Practical Exam 0 %

Year 1

- Fundamentals in Paediatric Emergency Medicine 1 – This module aims to ensure that practitioners are able to recognise, assess and manage the ill or injured child. Should be able to demonstrate an understanding of skills in essential life support for the emergency management of the sick child.

- Fundamentals in Paediatric Emergency Medicine 2 – This Module aims to ensure that practitioners have a sound anatomical and physiological basis for treatment of acute illness and injury in children and young people.

- Fundamentals in Paediatric Emergency Medicine 3 – The module aims to promote an understanding of the principles of child protection, and the legal aspects of caring for the sick or injured child.

Year 2

- Paediatric Medical Emergencies: This module aims to understand and manage Medical Emergencies in Children, including those caused by disorders of the Respiratory, Neurolgical, Endocrine, Cardiac, Gastrointestinal, Renal and Haematological systems, and in the child with cancer.

Group A – **PECM Emergency Medicine Stream**

- Surgical Emergencies & Trauma/ Anaesthesia & Sedation – This module aims to diagnose, assess and manage paediatric surgical emergencies, and traumatic injuries. The student should have an understanding the relevant anatomy and pathophysiology involved.

- Additional Topics in Paediatric Emergency Medicine – This module has in-depth understanding in 2 of the chosen strand areas and develop the skills in critical appraisal and examination of evidence behind treatment modalities.

Group B – **PECM Critical Care Stream**

- Paediatric Critical Care 1 – This module aims on Paediatric Critical Care in its widest sense, physiological basis of disease and pathology after initial resuscitation, and relate this to current treatment and practice.

- Paediatric Critical Care 2 – This module aims to consolidate learning from the Paediatric Critical Care 1 course, focus on study issues related to organisation and delivery of critical care services on a local regional and national basis.

English language requirements

Accepted English language qualifications with the grades specified below:
- IELTS Academic: total 6.5 with at least 6.0 in each component.
- TOEFL-iBT (including Special Home Edition): total 92 with at least 20 in each section. TOEFL MyBest Score is not accepted.
- CAE and CPE: total 176 with at least 169 in each paper.
- Trinity ISE: ISE II with distinctions in all four components.

English language qualification for CAE and CPE must be at the expiry of three and a half years from the start date of the program. For IELTS, TOEFL or Trinity ISE, it must be at the expiry of two years from the start date of the program.

Applicants should submit copies of the following with their application:

- A copy of your updated CV including your address and date of birth.
- Copy of qualification certificates.
- English language qualification.
- Personal statement.
- Recommendation from the Ministry of Health or Office of The First Lady (For Asian Countries- Recommendation letter from The Ministry of Health or Vice Chancellor/ Dean/Rector of the Medical University or President of respective Society or Medical Association)
- Income proof (one month Salary/Pay slip or Salary Statement or 3 months bank statement)