Neonatal Paediatrics

Introduction

Neonatology deals with both newborn physiology as well as its pathology. It constitutes a group of specialized professionals working in intensive care area with technically advanced equipment, and utilization of these services for the care of sick babies. Growing awareness of the unique characteristics of perinatal disorders has emphasized the need for appropriate setting in which care can be provided to seriously ill newborn babies with various medical and surgical complications and led to establishment of Neonatal Intensive Care Unit (NICU) at Aga Khan University Hospital, Karachi. It is a center with multidisciplinary groups taking care of the babies, including paediatric surgeons, paediatric cardiologists and paediatric neurologists. The first post residency fellowship programme in neonatology was started at Aga Khan University Hospital in October 1998.

Training Structure and Organization

It is a two year fellowship programme approved by the College of Physicians and Surgeons of Pakistan (CPSP). The trainee will gain vast experience by managing babies in level II and III areas along with carrying out ambulatory services and external electives. The fellow will primarily work in the three neonatal care areas (intensive care unit, step-down unit, and well-baby nurseries) plus delivery suites and emergency room for consults. Besides clinical work, the fellow will be responsible for clinical supervision of the residents in neonatal care areas and engaging in other academic activities including journal clubs, morbidity and mortality meetings, completing a research project in neonatology during the course of the fellowship and publishing a paper in peer review journal.

Goals & Objectives

Our programme aims to provide training in the care of very sick newborns including state of art training on the ventilatory management of these patients. Ultimate outcome is to produce academically qualified and highly clinically competent neonatologist, who is aware of the perinatal problems in Pakistan.

Eligibility

- MBBS or equivalent degree approved by PM&DC
- One year of house job or internship
- Four years paediatric training/residency
- FCPS (Paediatrics) preferable

Duration of training

Training period is two years.

Position available

Two Fellows will be recruited.

Programme Faculty

Dr. Sheikh Imran Aslam  
Assistant Professor, Department of Paediatrics and Child Health

Dr. Muhammad Sohail Salat  
Associate Professor, Department of Paediatrics and Child Health

Dr. Khalil Ahmed  
Assistant Professor, Department of Paediatrics and Child Health
Dr. Shabina Ariff  
Assistant Professor, Department of Paediatrics and Child Health

Dr. Rehan Ali  
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