

Curriculum for observership

Pediatric Neurology: Week 1

Day 1- **Pre Test: 15minutes (Questions from all three departments)**

Clinical history taking and Observing OPD patients

Day 2- General physical examination and its relevance in neurology

Day 3-5: Nervous system examination

Clinical examination under various subheadings

Day 6- Approach to Epilepsy, Myopathy, neuropathy

Medical Genetics: Week 2

(Day 1-Day 6: Observation of patients in OPD in first half)

Day 1- Basic Principles in Medical Genetics

Day 2- Family history in Medical Genetics

Day 3- Approach to Dysmorphology

Day 4- Approach to Inborn Errors of Metabolism

Day 5- Approach to Neuromuscular disorders

Day 6- Approach to Genetic haematological Disorders

DEIC (Developmental Pediatrics): Week 3

Day 1 -Concept of DEIC with presentation

Day 2-Role of Audiology and Speech along with tools for assessment presentation and hands on training in department

Day 3 -Role of occupational therapist in early intervention and sensory issues in behavioural disorders-presentation and hands on

Day 4 - Role of Clinical Psychology in Early intervention centre and tools and assessments in 0 to 6 years

Day 5 -Role of Special Education in DEIC and hands on training in the department

Day 6- Observing patients in department wise and Question and Answers

Medical Genetics: Week 4

(Day 1-Day 5: Observation of patients in OPD in first half)

Day 1- Genetic testing: When, How and which test?

Day 2- Genetic testing: Basic principles of common genetic tests

Day 3- Next Generation Sequencing: Basic Principles and Raw data handling

Day 4- Prenatal Testing and Fetal autopsy

Day 5- Genetic counselling

Day 6- Newborn screening

Post Test: 15minutes (Questions from all three departments) followed by Certificate distribution.