

(127-MED-25-03) M.CH – PEDIATRIC SURGERY

Significance of Program:

Pediatric surgeons diagnose, and treat medical issues related to children through various treatments: These surgeons do the surgical repair of birth defects in these small kids. They even provide prenatal counseling for mothers whose babies have been diagnosed with birth defects that occur during pregnancy.

Career Options

Pediatric surgery is a very demanding profession with many responsibilities. They have to provide surgical care for children at all stages of development, from pre-birth through adolescence. Pediatric surgery is a field of medicine that focuses on the surgical care of children.

Program Objectives:

To adequately expose students to the spectrum of Pediatric Surgical problems and to train the adequately to tackle the surgical problems per training to the new born baby and the growing child. Eligibility for admission: M.S.degree in general surgery for 3 year course, MBBS degree for 5 year course.

Duration of the course:3 years(PostM.S.),5yrs(PostMBBS)

Outcomes of the Program:

Awareness of the extent of Pediatric Surgical practice and technical skills. Ability to diagnose and manage the Common and complex Pediatric Surgical Problems. Careful, accurate and speedy decision making in sick children with surgical problems. Recognition of the unique peri-operative Physiological processes in children. Awareness about the key aspects of preparation of a child for Surgery. Familiarity with the post-operative care in Children. Ability to interpret common lab & imaging investigations in children. :Ability to manage Paediatric Surgical emergencies.

Major Course Outlines:

Head & Neck, Thorax, Abdominal, Hepato-Biliary, Genito-Urinary, Neuro–Surgery, Tumors, Trauma,

General

1. Burns
2. Child abuse
3. Perioperative fluid management
4. Thermoregulation in a Neonate
5. Transport of a Surgical neonate

CORE	Electives	Skill Course
PEDIATRIC SURGERY	GENERAL SURGERY	Communication skills with parents and children (obtaining focused history from parents and children): Awareness about the impact of chronic disease on children and their families. Awareness about the important ethical, moral and social issues of Pediatric Surgical practice. Skill In team work and interaction with other disciplines.