

PAEDIATRIC SURGERY  
TEACHING TOPICS (SURG. 451)

1. INGUINOSCROTAL SWELLING

- \* Inguinal hernia
- \* Hydrocele
- \* Undescended testis
- \* Acute scrotum
  - Definition
  - Causes
  - Investigations
  - Management

2. ACUTE ABDOMEN

- \* Approach to patient with acute abdomen
  - History
  - Examination
  - Investigation
  - Differential diagnosis
  - Management
- \* Common causes like: (Discuss in details)
  - Appendicitis
  - Intussusception
  - Malrotation
  - Twisted ovarian cyst
  - Meckel's diverticulum

3. NEONATAL INTESTINAL OBSTRUCTION (UPPER)

- \* Congenital pyloric stenosis
- \* Pyloric atresia / pyloric web
- \* Duodenal atresia
- \* Duodenal web
- \* Duodenal stenosis
- \* Annular pancreas
- \* Malrotation / Ladd's band
- \* Proximal jejunal stenosis

4. NEONATAL INTESTINAL OBSTRUCTION (LOWER)

- \* Distal small bowel atresia
- \* Muconium ileus
- \* Colonic atresia
- \* Hirschsprungs disease
- \* Anorectal malformation

5. RESPIRATORY DISTRESS IN NEONATES / SMALL INFANTS

- \* Approach to neonate with acute respiratory distress
  - A) Medical causes
    - hyaline membrane disease
    - muconium aspiration
    - transient tachypnea of newborn (wetlungs)
    - congenital heart disease
    - birth asphyxia
  - B) Surgical causes (Discuss in details)
    - congenital diaphragmatic hernia
    - oesophageal atresia with TOF
    - congenital lobar emphysema
    - eventration of the diaphragm
    - congenital cystic disease of the lung
    - upper airway obstruction

