

Teaching topics : Pediatric Pathology

Teaching outline :

A. Tumor-like lesions

1. Choristoma
2. Hamartoma

B. Common benign tumors

1. Hemangioma
2. Lymphangioma
3. Fibrous and myofibroblastic tumors
4. Teratoma

C. Common malignant tumors

1. Leukemia and lymphoma
2. Brain tumor
3. Neuroblastoma
4. Wilms' tumor
5. Other renal tumors
 - a). Congenital mesoblastic nephroma
 - b). Cystic nephroma (multilocular cystic renal tumor)
 - c). Clear cell sarcoma of kidney
 - d). Rhabdoid tumor of the kidney
6. Soft tissue sarcomas
7. Hepatoblastoma
8. Retinoblastoma
9. Histiocytosis X (HX) or Langerhans' cell histiocytosis (LCH)
10. Congenital tumors

D. Leading Causes of Neonatal Death in Order of Frequency

1. Complications of preterm birth
2. Congenital anomalies
3. Perinatal infections : transcervical, ascending or transplacental infections
4. Perinatal hypoxia/asphyxia
5. Maternal complications of pregnancy
6. Sudden infant death syndrome (SIDS)
7. Amniotic fluid and meconium aspiration
8. Birth trauma
9. Intrauterine growth retardation
10. Blood dyscrasias of newborn
11. Metabolic disorders

E. Respiratory distress syndrome (RDS) -- hyaline membrane disease

1. Etiology
2. Symptoms and signs
3. Prognosis

4. Predisposing factors
5. Prognosis
6. Complications
7. Respiratory distress in term neonates