

# Differential Diagnosis of thrombocytopenia in Children

- **Decreased Platelet Production**
  - **Inherited Disorders**
    - Congenital amegakaryocytic thrombocytopenia
    - Thrombocytopenia absent radius
    - Wiskott-Aldridge syndrome
    - Fanconi Anemia
    - Dyskeratosis Congentia
  - **Acquired Disorders**
    - Aplastic Anemia
    - Myelodysplastic syndrome
    - Infiltrative process- leukemias
    - Drug or radiation induced
    - Nutritional deficiencies (B12, folate)
- **Sequestration**
  - Hypersplenism
  - Burn Injury
  - Hypothermia
- **Increase Platelet Destruction**
  - **NonImmune thrombocytopenias**
    - Consumption due to Infection – Sepsis
      - Bacterial, Viral, fungal
    - Microangiopathic disorders
      - TTP, HUS
      - Bone marrow transplant related microangiopathy
    - Heart Disease
      - Mechanical valve
  - **Immune-mediated thrombocytopenia**
    - Acute and chronic ITP
    - Neonatal immune
      - Alloimmune
      - Autoimmune
    - Drug induced
      - Heparin-induced thrombocytopenia
    - Autoimmune disease
      - SLE
      - Autoimmune lymphoproliferative syndrome
      - Antiphospholipid antibody syndromes
      - Evans' syndrome