

Disorders of the Immune Stem

- Presented by
 - Gretchen Vaughn, RN, MSN, CNP
 - Cincinnati Children's Hospital Medical Center

Objectives

- To describe the various types of the immune disorders
- To describe the types of primary immune disorders with their clinical and laboratory features
- To describe the treatments and nursing care of patients with primary immune disorders

Types of Immune Diseases – B cell Disorders

- X-linked agammaglobulinemia (XLA)
- Common Variable Immune Disease (CVID)
- Hyper IgM
- Selective IgA deficiency

XLA lab and clinical features

The background of the slide features a pattern of stylized, overlapping leaves in various shades of yellow and orange, creating a textured, autumnal effect.

Types of Immune Diseases – T cell Disorders

- Di George Syndrome
- Cartilage Hair Hypoplasia

Types of Immune Disorders – Combined T and B cell

- Severe Combined Immune Disease (SCID)
 - X-linked
 - ADA deficiency
 - MHC II deficiency (bare lymphocyte disease)

Types of Immune Disorders – Combined T and B cell

- Wiskott Aldrich Syndrome
- Ataxia Telectanasia

Types of Immune Disorders – Phagocytic

- Chronic Granulomatous Disease (CGD)
- Leukocyte Adhesion Deficiency (LAD)
- Chidiak Higashi Disease
- Hemophagocytic Lymphohistiocytosis (HLH)

Types of Immune Disorders – Complement



