

Objectives

- Recognize normal and abnormal hematologic values
- Apply knowledge of hematologic emergencies to identify cause and guide management

Content Outline

1. Red Blood Cells
 - A. Normal values
 - B. Anemia
 1. Clinical signs
 2. Causes
 3. Management
 - C. Polycythemia
 1. Clinical signs
 2. Causes
 3. Management
2. White Cell Disorders
 - A. Normal values
 - B. Neutropenia
 1. Causes
 2. Therapy
 - C. Leukocytosis/Neutrophilia
 1. Causes
 2. Therapy
3. Platelets
 - A. Normal values
 - B. Thrombocytopenia
 1. Causes
 2. Management
4. Bleeding Disorders
 - A. Inherited coagulation disorders
 - B. Acquired coagulation disorders
 - C. Secondary coagulopathy

Reading Material Resources

Module GH1922: Hematologic Emergencies is based on the chapter listed below. A copy is included with the module.

Chapter 19, Golden Hours: Care of the Very Low Birth Weight Neonate, Bissinger, R.L., Annibale, D.J., and Fanning, B.A. The National Certification Corporation (NCC), Chicago, IL 2019.