Chapter 9: Iron Metabolism and Hypochromic Anemias

Learning Objectives

1. List the primary function of iron in the body.
2. List 5 conditions that influence iron absorption and storage.
3. List typical peripheral blood smear (PBS) findings, hematology results and other laboratory results associated with iron deficiency anemia or IDA.
5. List 4 causes of sideroblastic anemia, laboratory features and treatments for each.
6. Define porphyria.
7. Describe the anemia of chronic disease.
8. List several causes of the anemia of chronic disease.
9. Identify laboratory findings characteristic of the anemia of chronic disease.
10. State the most common causes of iron deficiency anemia for the male and female population.
11. Discuss the pathogenesis of sideroblastic anemia secondary to lead poisoning.