Chapter 15: Hemolytic Anemias: Membrane defects
Learning Objectives

At the end of this unit, the student should be able to:

1. Discuss the treatment for hereditary spherocytosis.
2. Estimate the prognosis for a patient with hereditary elliptocytosis.
3. Describe the pathophysiology and recognize laboratory features associated with hereditary spherocytosis, hereditary elliptocytosis, and hereditary pyropoikilocytosis.
4. Describe the etiology, clinical features and lab findings of paroxysmal nocturnal hemoglobinuria.
5. Discuss the treatment protocol of paroxysmal nocturnal hemoglobinuria.
6. Explain the sugar water test and interpret its results.
7. Evaluate a clinical case study and determine the type of membrane disorder present by correlating clinical history and laboratory findings.