Unit 14 Objectives: Thalassemia
Learning Objectives

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

1. Name the hemoglobin defect of thalassemia.

2. List the two major types of thalassemia and describe the defect in each.

3. List the four types of alpha thalassemia and the defect in each.

4. Describe the condition known as Hereditary Persistence of Fetal Hemoglobin and list the test used to detect it.

5. List the hallmark laboratory finding associated with thalassemia.

6. List red cell indices used to distinguish between iron deficiency anemia and thalassemia.

7. Describe the appearance of a peripheral blood smear in thalassemia.