Description: This module re-enforces concept of cellular regulation. Emphasis is placed on abnormal red blood cell morphology and its effect on cellular oxygenation.

Learning outcomes:
Upon completion of this module the student will be able to:
1. Illustrate disease processes related to anemia
2. Discuss the pathophysiology of sickle cell anemia
3. Identify the population groups who are most affected by sickle cell disease
4. Identify nursing interventions related to the relief of sickle cell anemia symptoms.

Learning resources:
Text: NC AND Textbook, vol. 3 ch 6
Websites: www.nhlbi.nih.gov/health
www.ascaa.org
www.scinfo.org

Learning activities:
Brief PowerPoint review of anemia types and treatments (Camtasia)
Group work: develop teaching guides related to anemia
role play nurse teaching parents the care of a child with sickle cell anemia

Evaluation:
Unit examination
Rubric for teaching guides
Rubric role play development