

Covenant School of Nursing
Instructional Module 5 Learning Guide
Topic: Hematological and Immunological Dysfunction in Children

Learning Goals/Outcomes
<p>Upon completion of this lesson, you will be able to:</p> <ul style="list-style-type: none"> • Describe clinical manifestations of lead poisoning, prevention, & treatment • Describe treatment of iron deficiency in children and preventative measures • Compare and contrast sickle cell and beta thalassemia • Outline the potential side effects for the child receiving radiation and/or chemotherapy and choose interventions • Compare the nursing care needs for a child diagnosed with IT versus a child diagnosed with leukemia • Choose effective treatments for patients with sickle cell anemia • Outline a care plan for the child diagnosed with HIV • Choose therapeutic communication when providing end of life care to the pediatric patient &/or their family
Pre-Class Preparation
<p>Required:</p> <ul style="list-style-type: none"> • Required: Hockenberry, M., & Wilson, D. Wong's Essentials of Pediatric Nursing (11th ed.). Elsevier. Chapter 24 Nursing Care Plan: The Child with Sickle Cell Anemia. Chapter 25 Table 25-2 Early Side Effects of Radiotherapy Chapter 25: Managing Common Side Effects of Treatment <p>Additional Resources:</p> <ul style="list-style-type: none"> •
Learning Activities
<p>Classroom Activities:</p> <ul style="list-style-type: none"> • Case studies, discussion <p>Laboratory/Clinical Activities:</p> <ul style="list-style-type: none"> • Simulation: Pediatric End-of-Life Activity <p>Online/Out of Class Activities:</p> <ul style="list-style-type: none"> •
Evaluation Methods
<ul style="list-style-type: none"> • Exam • HESI Specialty Exam – Pediatric Nursing • Simulation: Pediatric End-of-Life Activity Discussion Questions and Debriefing

Texas DECs	QSEN Competencies
<p>Knowledge IIA1-3, IIA2b, IIB2, 4, 5, 6, 7, IIC3,4a, 6,8, IID 1a, b, c, 3b: IIE 1a1b, ,4a, 4b,5,12,13, IIF2, IIG1a</p> <p>Clinical Judgement/Behaviors IIA 1,2,3; IIB ,1,2,4,5,6,7: IIC1,2,3a ; IID2b, IIE 1,2a,2b ,2c,3b,4,5a,6a,9,12; IIF1a, 1b, 4, IIG 1,3,5a,5b</p>	<p>Patient Centered Care, Safety, Evidenced Based practice</p>
IM Student Learning Outcomes	NCLEX Test Plan
<p>1,3,7,8</p>	<p>Safe & Effective Care: Informed consent Psychosocial integrity; end of Life Care Physiological integrity: <i>Pharm & parenteral Treatment:</i> adverse effects/contraindications/side effects; pharmacological pain management <i>Reduction of risk potential:</i> lab values Potential for alteration in body Systems <i>Physiological adaptation:</i> Alteration in body systems, illness management, pathophysiology</p>
Concepts	Faculty
<p>Health Promotion Safety Cellular Regulation Comfort Immunity Clotting</p>	<p>N. Myres, MBA, MSN, RNC-NPD</p>
<p>Date originated: 2/16/2016</p>	<p>Revision Dates: 9/28/2016, 11/14/17, 5/3/18, 10/31/19, 11/5/20, 07/21</p>

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Immunological Dysfunction in Children

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