

**Covenant School of Nursing**  
**Instructional Module 5 Learning Guide**  
**Topic: Musculoskeletal Dysfunction in Children**

<b>Learning Goals/Outcomes</b>
Upon completion of this lesson, you will be able to: <ul style="list-style-type: none"><li>• Develop a teaching plan for the parents of a child in a cast or traction</li><li>• Summarize the nursing care for a child with developmental dysplasia of the hip</li><li>• Compare and contrast osteomyelitis, scoliosis, club foot, and juvenile arthritis</li></ul>
<b>Pre-Class Preparation</b>
Required: Hockenberry, M. & Wilson, D. Wong's essentials of pediatric nursing St. Louis: Mosby Elsevier <ul style="list-style-type: none"><li>• Summary of Physical Effects of Immobilization with Nursing Interventions</li><li>• Compartment Syndrome Evaluation</li><li>• Nursing Care Guidelines – Traction Care</li><li>• Nursing Alert Box for amputation</li><li>• Clubfoot</li></ul> Additional Resources: <ul style="list-style-type: none"><li>•</li></ul>
<b>Learning Activities</b>
Classroom Activities: <ul style="list-style-type: none"><li>• Classroom Activities: Lecture, Discussion</li></ul> Laboratory/Clinical Activities: <ul style="list-style-type: none"><li>• Clinical experience</li></ul> Online/Out of Class Activities: <ul style="list-style-type: none"><li>• HESI Compound Fracture Case Study</li></ul>
<b>Evaluation Methods</b>
<ul style="list-style-type: none"><li>• Exam</li><li>• HESI RN Specialty Exam – Pediatric Nursing</li></ul>

<b>Texas DECs</b>	<b>QSEN Competencies</b>
<p><b>Knowledge</b> IIA1,2, IIA2b, IIB2, 4, 7, IIC3,6, IIE 1a, ,5,12,13, IIF2, IIG1a</p> <p><b>Clinical Judgement/Behaviors</b> IIA 1,2, IIB 2, 5, 7: IIC1,2,3a, IIE 12a, b; IIF 1a,1b,4,6; IIG 1,3,5a,5b</p>	Patient Centered Care, Safety, Evidenced Based Practice
<b>IM Student Learning Outcomes</b>	<b>NCLEX Test Plan</b>
1,3,7,8	<p><b>Health Promotion &amp; Maintenance:</b> health promotion/disease prevention</p> <p><b>Physiological Integrity:</b> <i>Basic Care &amp; Comfort – Mobility/immobility</i> <i>Reduction of Risk Potential – system specific assessment, therapeutic procedure,</i> <i>Physiological adaptation - illness management, alteration in body system, pathophysiology</i></p>
<b>Concepts</b>	<b>Faculty</b>
<p><i>Infection</i></p> <p><i>Inflammation</i></p> <p><i>Comfort</i></p> <p><i>Functional Ability</i></p> <p><i>Mobility</i></p> <p><i>Health Promotion</i></p> <p><i>Safety</i></p> <p><i>Evidenced Base Practice</i></p> <p><i>Perfusion</i></p> <p><i>Tissue Integrity</i></p>	N. Myres, MBA, MSN, RN, NPD
<b>Date originated:</b> 2/16/2016	<b>Revision Dates:</b> 11/18/2016; 04/18/17, 11/14/17, 5/3/18, 10/31/19, 11/5/20, 7/2021, 8/2022, 8/2023