

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

Learning Goals/Outcomes
Upon completion of this lesson, you will be able to: <ul style="list-style-type: none">• Distinguish among types of head injuries and serious complications.• Differentiate between various types of seizures in the pediatric patient.• Compare and contrast bacterial versus viral meningitis.• Explain clinical manifestations of increased intracranial pressure in infants and children.• Describe clinical manifestations, treatment, and care of a child with cerebral palsy.• Discuss the nursing role in helping parents care for the child who has cerebral palsy.
Pre-Class Preparation
Required: <ul style="list-style-type: none">• Hockenberry, M. & Wilson, D., Rodgers, C. (2017). <i>Wong's essentials of pediatric nursing</i> (10th ed.). St. Louis: Mosby Elsevier. Page 873, Box 27-1: Clinical Manifestations of Increased Intracranial Pressure in Infants and Children Page 886 Emergency Treatment (Head Injury) Page 904 Emergency Treatment (Seizures) Page 980, Box 30-3: Early Signs of Cerebral Palsy Additional Resources: <ul style="list-style-type: none">• HESI Clinical Skills: Skills for Nursing Collection: Neonatal Collection, Maternal Newborn Collection, and Pediatrics Collection
Learning Activities
Classroom Activities: <ul style="list-style-type: none">• Group Discussion• Case Study• Lecture• Video clip• Jeopardy game Laboratory/Clinical: <ul style="list-style-type: none">• Care for patient in clinical setting• Online/Out of Class Activities: <ul style="list-style-type: none">• HESI Case Study: Pediatrics: Intracranial• HESI Clinical Skills: Pediatrics Collection: Patient Positioning: Increased Intracranial Pressure (Pediatric)
Evaluation Methods
<ul style="list-style-type: none">• Unit Exam• HESI Specialty Exam – Pediatric Nursing

<p align="center">Texas DECs</p> <p>Knowledge: IIA2a, b; IIB1; IIB2; IIB4; IIB7; IIC3; Clinical Judgement: IIA2a, b; IIB1; IIB2; IIBa; IIB4; IIB7; IIB8; IID2a, b, c, d; IIE1; IIE3a; IIE6a, b, c; IIF1a, b, c; IIF4; IIF5a; IIG1</p>	<p align="center">QSEN Competencies</p> <p>Evidence Based Practice Patient Centered Care Safety</p>
<p align="center">IM Student Learning Outcomes</p> <p align="center">1, 3, 4, 7, 8</p>	<p align="center">NCLEX Test Plan</p> <p>Health Promotion and Maintenance: Health Promotion/Disease Prevention. Safety and Infection Control: Accident/Error/Injury Prevention; Physiological Integrity: Basic Care and Comfort: Mobility/Immobility; Physiological Adaptation: Illness management, Alterations in Body Systems; Pharmacological & Parenteral Therapies: Adverse Effects/Contraindications/ Side Effects/Interactions, Expected Actions/ Outcomes, Medication Administration, Pharmacological Pain Management; Reduction of Risk Potential: Changes/Abnormalities in Vital Signs, Potential for Alterations in Body Systems, Potential for Complications of Diagnostic Tests/Treatments/Procedures, System Specific Assessments, Diagnostic Tests, Laboratory Values, Therapeutic Procedures</p>
<p align="center">Concepts</p> <p align="center"><i>Patient Education Comfort Intracranial Regulation Mobility Thermoregulation Functional Ability Human Development</i></p>	<p align="center">Faculty</p> <p align="center"><i>Cindy Gordey MSN, RN, CCRN-K</i></p>
<p>Date originated: November 2015</p>	<p>Revision Dates: February 2018, November 2019</p>

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