

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: • Compare/Contrast types of head injuries and associated complications. • Discuss nursing interventions for a child with hydrocephalus. • Differentiate between bacterial and viral meningitis. • Explain clinical manifestations of increased intracranial pressure in infants and children. • Discuss nursing interventions for a child with increased ICP. • Describe clinical manifestations, treatment, and nursing care of a child with cerebral palsy. • Distinguish among neural tube defects.
Pre-Class Preparation
Required: • Hockenberry, M., Rodgers, C., & Wilson, D. (2022). <i>Wong's essentials of pediatric nursing</i> (11th ed.). St. Louis: Mosby Elsevier. Page 883, Box 27.1: Clinical Manifestations of Increased Intracranial Pressure in Infants and Children Page 898 Emergency Treatment (Head Injury) Page 922 Emergency Treatment (Seizures) Page 1007, Box 30.2: Clinical Manifestations of Cerebral Palsy (at Time of Diagnosis) Page 1011 Associated Problems Additional Resources: • HESI Clinical Skills: Skills for Nursing Collection: Neonatal Collection, Maternal Newborn Collection, and Pediatrics Collection
Learning Activities
Activities: • Lecture • Case Study • Video clip • Jeopardy game Laboratory/Clinical: • Care for patient in clinical setting Online/Out of Class Activities: • HESI Case Study: Pediatrics: Intracranial • HESI Clinical Skills: Pediatrics Collection: Patient Positioning: Increased Intracranial Pressure (Pediatric)
Evaluation Methods
• Unit Exam • HESI Specialty Exam – Pediatric Nursing

Texas DEC's	QSEN Competencies
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	Evidence Based Practice Patient Centered Care Safety
IM Student Learning Outcomes	NCLEX Test Plan
1, 3, 4, 7, 8	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
Concepts	Faculty
Patient Education Comfort Intracranial Regulation Mobility Thermoregulation Functional Ability Human Development	Cindy Gordey MSN, RN
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