

**Covenant School of Nursing
LVN-RN Course Learning Guide
Pediatric Nursing**

Learning Goals/Outcomes

Upon completion of this lesson, you will be able to:

- Describe physical changes, normal growth and development, nutrition, language, play, sleep, and limit setting that occur in children during each developmental phase.
- Integrate developmental theory when caring for the pediatric population.
- Implement safety measures in procedures and pediatric medication administration.
- Recognize expected normal findings for children of various ages.
- Apply elements of family-centered and atraumatic care in the practice setting.
- Recognize common pediatric immunizations and contraindications for administration.
- Discuss major characteristics of common childhood communicable diseases, including transmission/isolation precautions.
- Perform pain assessment and implement pharmacologic and non-pharmacologic interventions.
- Discuss obstructive/structural disorders of the GI tract and the plan of care for children with these disorders.
- Identify characteristics and treatment for endocrine disorders.
- Describe common pediatric genitourinary tract defects including hypospadias, inguinal hernia, and cryptorchidism.
- Summarize the clinical manifestations and nursing interventions for various skin infestations including how they spread.
- Compare and contrast developmental dysplasia of the hip and Legg-Calve-Perthes disease.
- Describe clinical manifestations, nursing care and effective treatments for a patient with sickle cell anemia, leukemia, and other discussed blood dyscrasias.
- Compare and contrast respiratory disorders, and nursing interventions.
- Compare and contrast bacterial versus viral meningitis and analyze lab values associated with each.
- Explain clinical manifestations of increased intracranial pressure in infants and children.
- Describe clinical manifestations, treatment, and care of a child with cerebral palsy.
- Categorize congenital heart defects according to their hemodynamic characteristics.
- Prioritize nursing care of children with acquired cardiac disorders (rheumatic fever and Kawasaki disease)
- Describe the preoperative and postoperative care of infants/children with neural tube defects and hydrocephalus.
- Discuss common complications of prematurity including retinopathy, meconium aspiration, and transient tachypnea of the newborn.
- Identify Autism Spectrum Disorder (ASD) and Attention Deficit/Hyperactivity Disorder (ADHD) when encountered in patient care.
- Differentiate between Anorexia Nervosa and Bulimia Nervosa.
- Identify child maltreatment.

Pre-Class Preparation

Required:

Comprehensive Review for NCLEX-RN, 8 Ed.

- Unit IV Growth and Development Across the Life Span – Chapter 17 and 18
- Unit VI Pediatric Nursing
- HESI skills and case studies (**See HESI & Other Assignments document in LMS**)

Additional Resources:

- Wong's Essentials of Pediatric Nursing, 11th Ed. Hockenberry, Wilson, & Rodgers
- www.cincinnatichildrens.org

Learning Activities

Classroom Activities:

- Lecture
- Case Study
- Video Clips

Laboratory/Clinical:

- MIVF/IVPB/IVP Lab
- Physical Assessment Activities
- Pediatric Patient Care Scenario

Online:

- See HESI & Other Assignments document in LMS

Evaluation Methods

- Exam (Pedi)

Texas DECs	QSEN Competencies
Knowledge: IA2a-b,4; IIA 1a-1b, 2a,b, 3,4; IIB 1,2,3,4,5,6,7,9,11; IIB8; IIC 1a-b,2a-b,3,4a-b,7,8; IID 1a-d, 2,3a-b; IIE1a-b,4a,5,6a,12; IIE12; IIF2; IIG1a,b ; IIIB1a,b; IVA2; IVC1,3; IVD1 Clinical Judgement: IIA 1,2a,b; IIB 1,2,3a-b,5,7,8; IIC 1,2,3a,4,7; IID1,2a-d; IIE 1,2a-d,3a-b,6a-c,9,11,13; IIF 1a-c,2b,4,5a,6; IIG1,2a,b,6,7; IIG5a, b; IIIB1,2,3a,3b,9; IIIC2a-b IVA1; IVB3c; IVC 1a-c; IVD2; IVD6a	Patient Centered Care, Safety, Teamwork & Collaboration, Evidence Base Practice, Informatics
IM Student Learning Outcomes	NCLEX Test Plan
1, 3, 4, 5, 7, 8	Health Promotion and Maintenance: Health Screening, Aging Process, Developmental Stages and Transitions, Health Promotion/Disease Prevention, Lifestyle Choices, Techniques of Physical Assessment, Newborn Care Safe and Effective Care Environment: Informed Consent; Management of Care: Advocacy, Collaboration with Interdisciplinary team, Concepts of Management, Establishing Priorities, Ethical Practice, Legal Rights & Responsibilities, Referrals Safety and Infection Control: Accident/Error/Injury Prevention, Home Safety, Standard Precautions/Transmission-Based Precautions/Surgical Asepsis Physiological Integrity: Medication Administration, Basic Care and Comfort: Elimination, Nutrition and Oral Hydration, Rest and Sleep Pharm & Parenteral Treatment: Central lines, Adverse Effects/Contraindications/Side Effects/Interactions, Expected Actions/Outcomes, Medication Administration, Parenteral/Intravenous Therapies, Total Parenteral Nutrition Pharmacological Pain Management Psychosocial Integrity: Basic Care and Comfort: Non-Pharmacological Comfort

	<p>Interventions, Coping Mechanisms, Cultural Awareness/Cultural Influences on Health, Family Dynamics, Stress Management, Therapeutic Communication, Behavioral Interventions, Crisis Intervention, Mental Health Concepts, Therapeutic Environment, Abuse/Neglect</p> <p>Reduction of Risk Potential: Changes/Abnormal vital signs, Diagnostic Tests, Lab values</p> <p>Potential for Alteration in Body Systems Potential for Complications of Diagnostic tests/treatments/procedures</p> <p>Physiological Adaptation: alteration in body systems, fluid & electrolyte imbalances, Illness Management, Pathophysiology</p>
Concepts	Faculty
<p>Patient Education, Comfort, Intracranial Regulation, Mobility, Thermoregulation, Human Development, Health Promotion, Safety, Cellular Regulation, Immunity, Clotting, Infection, Inflammation, Functional Ability, Perfusion, Tissue Integrity, Coping, Patient Centered Care, Elimination, Evidence Based Practice, Metabolism, Gas Exchange</p>	<p>Dondi Kilpatrick, MSN, RN CCRN K, CNE Ester McWilliams, MSN, RN</p>
<p>Date originated: 10/30/17</p>	<p>Revision Dates: October 2018, October 2019, January 2020, September 2020, 3/20/2023</p>