NUR 2310  Pediatric Nursing

Course Description: This course allows the student to apply the nursing process to the care of clients in selected pediatric clinical settings. Students will learn to observe cultural diversity and implement care to the pediatric client, family, and community through preventive, therapeutic and palliative measures

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<th>Course Competency</th>
<th>Learning Outcomes</th>
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| **Competency 1:** The student will apply nursing process and principles of growth and development in caring for infants and children by: | • Communication  
• Numbers / Data  
• Critical thinking |
| 1. Implementing a plan of therapeutic play for children at various developmental stages.  
2. Recognizing the nurse’s role in maintaining the child’s developmental needs during hospitalization.  
3. Applying the “five rights” principles and pharmacological guidelines for pediatric drug administration.  
4. Discussing safety issues at various developmental stages. | |
| **Competency 2:** The student will identify common neurological disorders in infants and children by: | • Communication  
• Numbers / Data  
• Critical thinking |
| 1. Demonstrating knowledge of etiology, diagnosis, and signs and symptoms of meningitis through patient care.  
2. Differentiating the structural alterations and clinical manifestations of spina bifida in the clinical setting.  
3. Assessing children in the clinical setting with mental retardation. | |
| **Competency 3:** The student use nursing process in the nursing management of the child with congenital heart defects by: | • Communication  
• Numbers / Data  
• Critical thinking |

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1. Explaining the significance of the following assessment findings in a child with congenital heart defects: color, alterations in vital signs, auscultation of the heart, activities intolerance, edema, respiratory failure, inadequate nutrition, and failure to thrive.
2. Demonstrating appropriate nursing intervention related to the following diagnostic tests: Cardiac Catheterization, Echocardiogram and EKG3.
3. Explaining the influence of the following nursing interventions that are necessary in the preparation for surgery and recovery of a child from surgery which include: prevention of fatigue, prevention of infection, provision of adequate fluids and nutritional intake, parent education, emotional support, play therapy, control of congestive heart failure, compliance with pre-op and post-op teaching and physical care.
4. Demonstrating knowledge of pharmacological approach in the treatment of the outcomes of the congenital heart defects through safe administration of medications appropriate for the child’s age, including accurate drug calculation and dosages.

**Competency 4:** The student will manage the care of children with selected respiratory disorders by:

| 1. Developing a nursing care plan for a child with a respiratory illness. |
| 2. Observing clinical manifestations of respiratory dysfunction. |
| 3. Applying the nursing process as a framework for providing care for a child with respiratory dysfunction. |
| 4. Recognizing the major signs and symptoms associated with respiratory infection in children. |
| 5. Demonstrating an understanding of monitoring devices related to the care of children with respiratory disorders. |
| 6. Participating in a collaborative, interdisciplinary team in planning the care of children with |
respiratory disorders including delegation of responsibilities.
7. Discussing the management of children with a foreign body aspiration.
8. Correlating the incidence of foreign body aspiration to physical growth and development.

**Competency 5:** The student will utilize the nursing process in the care of a child with changes in the gastrointestinal system and how the nutritional needs and elimination is met from infancy through adolescence by:

1. Incorporating the principles of fluid and electrolyte balance in their nutrition.
2. Relating the nursing interventions with nursing problems as presented by the various GIT changes
3. Developing a nursing care plan for home follow-up care or home care of a child discharged from a hospital with peripheral infusions, hyperalimentations, ostomy bag, NGT and PEG tube.
4. Creating a nurse’s home visit scenario and identify health teaching needs of the patient and the family.
5. Role-playing possible therapeutic encounter during a home visit by a nurse.

**Competency 6:** The student will implement an effective plan of care on a child who has muscular-skeletal disorder by:

1. Assessing the clinical manifestations of children with muscular-skeletal disorders.
3. Teaching the parents or caretaker ways to foster growth and development in children who have limited mobility.

**Course Competency 7:** The student will demonstrate an understanding of the common disorders of the renal system found in children by:
1. Administering nursing care to children with urinary tract infections.
2. Obtaining a history from a child with a disorder of the renal system.
3. Determining the purpose of lab work and diagnostic tests with renal disorder.

**Course Competency 8:** The student will identify common immunological disorders in infants and children by:

1. Demonstrating knowledge of etiology, diagnosis, and signs and symptoms of rheumatic fever.
2. Implementing the immunization schedule to the nursing care plan for discharge.

**Course Competency 9:** The student will apply the nursing process in the nursing care of a patient with hematologic disorders by:

1. Utilizing the knowledge results of diagnostic test in implementing plan of care for children receiving chemotherapy.
2. Evaluating effectiveness of treatments in alleviating pain.