

LINCOLN MEMORIAL UNIVERSITY
School of Nursing
N245 – Spring 2010

Unit 3- N245 – Pediatric Nursing – Gastrointestinal (Exam 4)

OBJECTIVES: Upon completion of the unit, the student will be able to demonstrate, in the clinical and campus lab setting, in individual and group conferences, and on written materials, the ability to:

1. Describe differences in the pediatric gastrointestinal system that make the child more susceptible to gastrointestinal problems.
2. Describe risk factors associated with gastrointestinal disorders in children.
3. Demonstrate understanding of fluid balance and imbalance in the child.
4. Identify findings associated with dehydration in the infant and child.
5. Identify nutritional therapies for the child with gastrointestinal disorders.
6. Discuss nursing care of the child with disorders of GI motility.
7. Describe structural GI defects that occur in children.
8. Describe preop and postop care of the child with cleft lip and palate.
9. Identify obstructive GI disorders that affect children.
10. Identify malabsorption syndromes that affect children.

TOPICAL OUTLINE

- I. Pediatric Differences of the Gastrointestinal System
- II. Assessment of the Pediatric Gastrointestinal System
 - a. History
 - b. Risk Factor Identification
 - c. Physical Examination
 - d. Clinical Manifestations of Gastrointestinal Dysfunction
- III. Nursing Care of the Child with Dehydration
- IV. Nursing Care of the Child with Disorders of Motility
 - a. Acute Diarrhea
 - b. Constipation
 - c. Vomiting
 - d. Gastroesophageal Reflux
- V. Nursing Care of the Child with Structural Defects - Cleft Lip and Palate
- VI. Nursing Care of the Child with Obstructive Disorders
 - a. Pyloric Stenosis
 - b. Intussusception
 - c. Hirschsprung Disease
- VII. Nursing Care of the Child with Malabsorption Syndromes
 - a. Short-Bowel Syndrome
 - b. Celiac Disease

REQUIRED READINGS:

Wong, Donna, L., et al. (2001). *Wong's essentials of pediatric nursing*. (7th ed.) St. Louis: Mosby, Inc. Chapter: 24 (focus on topics covered in topical outline)

Kee, J.L., Hayes, E.R., & McCuiston, L.E. (2006). *Pharmacology: A nursing process approach* (6th ed.) St. Louis: Mosby. Chapter: 46, pp 724-736 (focus on topics covered in topical outline)