

**LINCOLN MEMORIAL UNIVERSITY**  
**School of Nursing**  
**N245 – Summer 2010**

**Unit 2- N245 – Pediatric Nursing – Respiratory (Exam 3)**

**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 respiratory system that make the child more susceptible to respiratory problems.
2. Identify assessment techniques and findings associated with the pediatric respiratory system.
3. Describe risk factors associated with respiratory disorders in children.
4. Identify signs of respiratory distress in infants and children
5. Compare and contrast the types of respiratory infections that affect children.
6. Discuss nursing care of the child with croup.
6. Describe the postoperative nursing care of a child following a tonsillectomy.
7. Demonstrate understanding of asthma and care of the child with asthma.
8. Demonstrate understanding of cystic fibrosis and care of the child with cystic fibrosis.

**TOPICAL OUTLINE**

- I. Pediatric Differences of the Respiratory System
  - a. Age
  - b. Size
  - c. Resistance
  - d. Increased Susceptibility to Respiratory Disorders
- II. Assessment of the Pediatric Respiratory System
  - a. Physical Assessment
  - b. Tests and Therapies
  - c. Signs of Respiratory Distress
- III. Nursing Care of the Child with Respiratory Infections
  - a. URI (Upper Respiratory Tract Infections)
    - i. Influenza
  - b. Croup Syndromes
    - i. laryngotracheobronchitis
    - ii. spasmodic croup
    - iii. epiglottitis
    - iv. Bronchitis
    - v. Bronchiolitis
    - vi. Pneumonia
  - c. Pharyngitis
    - i. Tonsillitis
    - ii. Tonsillectomy
- IV. Nursing Care of the Child with Chronic Respiratory Disorders
  - a. Reactive Airway Disease (RAD) / Asthma
    - i. Etiology
    - ii. Pathophysiology
    - iii. Diagnostic Evaluation
    - iv. Therapeutic Management
    - v. Nursing Care Management
  - b. Cystic Fibrosis
    - i. Pathophysiology
    - ii. Diagnostic Evaluation
    - iii. Therapeutic Management
    - iv. Nursing Care Management

**REQUIRED READINGS:**

**Wong, Donna, L., et al. (2001). *Wong's essentials of pediatric nursing*. (7<sup>th</sup> ed.) St. Louis: Mosby, Inc. Chapter: 23 (focus on topics covered in topical outline)**

**Kee, J.L., Hayes, E.R., & McCuiston, L.E. (2006).** *Pharmacology: A nursing process approach* (6<sup>th</sup> ed.) St. Louis: Mosby.

Chapter: 39, 40 (pp 603-608, 612-614, 616) (focus on topics covered in topical outline)