

NURSING 101: FOUNDATIONS OF NURSING

UNIT VI: NURSING CARE OF PATIENTS WITH DISORDERS OF THE RESPIRATORY SYSTEM

UNIT OBJECTIVES

AT THE COMPLETION OF THE UNIT, THE STUDENT:

1. Relates the normal anatomy and physiology of the respiratory system.
2. Explains the importance of normal functioning of the respiratory system to the maintenance of life.
3. Explains the interrelationships of the respiratory system to other body systems.
4. Differentiates normal from abnormal characteristics of nursing assessment for the respiratory system.
5. Explains the purpose, significance, results, and nursing responsibilities of diagnostic studies for the respiratory system.
6. Describes the etiology, clinical manifestations, complications, and nursing responsibilities for the patient with disorders of the upper and lower respiratory systems.
7. Discusses the usual medical, surgical, and nursing management of patients with disorders of the upper and lower respiratory systems.
8. Implements therapeutic nursing care, using the nursing process, for patients with disorders of the respiratory system.
9. Identifies the psychosocial needs of the patient with a disorder of the respiratory system.
10. Teaches patients about their respiratory disorders.
11. Relates knowledge of community resources available to assist the patient with disorders of the respiratory system.
12. Discusses clinical manifestations related to specific age-related physiologic changes.
13. Describes common problems of older adults and the role of the nurse in assisting them with selected care problems.
14. Identifies evidence-based practice/best practice standards related to nursing care for patients with disorders of the respiratory system.
15. Demonstrates accountability when providing nursing care for patients with disorders of the respiratory system.

CONTENT	HOURS	TEACHING METHOD	RELATED LEARNING EXPERIENCE OR SUPPORTING ACTIVITY	EVALUATION METHOD
<p>Unit VI: Nursing Care of Patients with Disorders of the Respiratory System</p> <p>I. The Respiratory Tract</p> <p>A. Review of Anatomy and Physiology of the Respiratory Tract (independently)</p> <p>B. Review of Assessment</p> <p>C. Diagnostic Studies</p> <ol style="list-style-type: none"> 1. Oximetry 2. Blood tests/ABGs 3. Sputum 4. Skin 5. Bronchoscopy 6. Lung biopsy 7. Thoracentesis 8. Pulmonary function tests 9. Radiology <p>D. Upper Respiratory Disorders</p> <ol style="list-style-type: none"> 1. Structural Disorders of the Nose <ol style="list-style-type: none"> a. Deviated Septum b. Nasal Fracture c. Epistaxis 2. Obstruction of Nose and Paranasal Sinuses <ol style="list-style-type: none"> a. Polyps b. Foreign Bodies 3. Sleep Apnea 4. Inflammation and Infection of Nose and Sinuses <ol style="list-style-type: none"> a. Rhinitis <ol style="list-style-type: none"> 1. Allergic 2. Acute 	<p>18 T 7 C</p>	<p>Gaming Video Clips Lecture Power Point Questions/Discussion Handouts</p>	<p>Classroom Participation Required Readings Clinical Pre and Post Conference Plan and give care to patients with disorders of the respiratory system, as available</p> <p>ABG Handouts/Group Practice</p>	<p>Nursing Care Plan Clinical Evaluation</p> <p>Unit Exams Final Exam</p>

CONTENT	HOURS	TEACHING METHOD	RELATED LEARNING EXPERIENCE OR SUPPORTING ACTIVITY	EVALUATION METHOD
<ul style="list-style-type: none"> b. Influenza c. Sinusitis <ul style="list-style-type: none"> 1. Acute 2. Chronic 3. Surgery 5. Acute Pharyngitis 6. Problems Related to the Larynx <ul style="list-style-type: none"> a. Laryngeal polyps b. Laryngitis c. Airway Obstruction 7. Upper Respiratory Medications 8. Head and Neck Cancer <ul style="list-style-type: none"> a. Etiology b. Diagnostic Studies c. Staging d. Medical Management e. Surgical Management f. Radiation therapy g. Interprofessional Care E. Lower Respiratory Tract <ul style="list-style-type: none"> 1. Acute Bronchitis 2. Perutssis 3. Pneumonia 4. Tuberculosis 5. Fungal Infections 6. Bronchiectasis 7. Lung Abscess 8. Pleural Effusion 9. Pleurisy 		<p>PowerPoint Lecture Case Studies</p>	<p>Game: Respiratory Vocabulary Password</p>	

CONTENT	HOURS	TEACHING METHOD	RELATED LEARNING EXPERIENCE OR SUPPORTING ACTIVITY	EVALUATION METHOD
F. Effects of Smoking G. Respiratory Medications H. COPD I. Asthma J. Collaborative Care <ol style="list-style-type: none"> 1. Airway Clearance Techniques <ol style="list-style-type: none"> a. Positioning b. Effective Coughing and Breathing c. Chest Physiotherapy 2. Airway Clearance Devices <ol style="list-style-type: none"> a. Flutter Device b. Incentive Spirometry c. Acapella 3. Inhalation Devices <ol style="list-style-type: none"> a. HHN b. MDI c. DPI 4. ND 5. Interventions K. Oxygen Therapy <ol style="list-style-type: none"> 1. Safety 2. Devices 3. CPAP/BiPAP 4. Short-term vs. Long-term Therapy L. Interstitial Lung Disease M. Lung Cancer N. Chest Surgery <ol style="list-style-type: none"> 1. Pre-op Care 2. Procedure and Type of Surgery 3. Post-op Care 4. Chest Tubes/Wet and Dry Drainage Systems 		Smoking Cessation Documentary CADSCANS/Group Discussion ATI: Pharmacology, Made Easy ATI: Textbook Resources YouTube Video YouTube Video Airway and Oxygen Equipment YouTube Clips Airway and Oxygen Equipment Chest drainage, pleuravac systems YouTube Video	Small group discussion In-class demonstration of devices and oxygen delivery O-△-□ ATI resource Atrium wet/dry systems, suction, chest tubes Group Work – Concept Maps/Jigsaw	Exam II