NUR 112
Oxygenation

**Description:** This module focuses on the concept of oxygenation. Emphasis is placed on care of the patient with chronic obstructive pulmonary disease, asthma, and respiratory syncytial virus.

**Learning Outcomes:**
Upon completion of this module the student will be able to:

1. Describe pathophysiological changes in the patient with alterations in respiratory function.
2. Discuss the diagnostic and laboratory tests utilized to determine the patient’s oxygenation status.
3. Discuss the application of pharmacological interventions in caring for the patient with alterations in respiratory function.
4. Discuss evidence-based practices for optimal care of the patient with altered respiratory function.
5. Discuss the nurse’s role in implementing therapies to improve oxygenation.
6. Develop a plan of care for the patient and family with alterations in respiratory function.

**Learning Resources:**
**Text:**
**Websites:**
**Lab:** Patient simulator - respiratory assessment.
**DVD:** Clinical Simulations in Pediatric Nursing II: Toddler With Respiratory Difficulty
Chronic Respiratory Disorders: Chronic Obstructive Pulmonary Disease
**Computer Program:** Tracheotomy Care: Basic Care, Advanced Care and Respiratory Suctioning
**Evolve RN OnLine Case Studies (Text book companion):** Fundamentals of Nursing Case Studies: COPD with Pneumonia
**Evolve Nursing Skills OnLine:**
**Guest Speaker:**

**Learning Activities:**
Discuss chronic obstructive pulmonary disease case study.
Practice identification of adventitious lung sounds.
Practice tracheotomy care.

**Evaluation:**
Unit exams
Lab competencies:
Demonstrate identification of adventitious lung sounds.
Demonstrate competence in tracheotomy care.
Complete Evolve OnLine activity with 85% accuracy.
Clinical Performance Evaluation