

## Day 3

### Unit 16: Care of Clients with Respiratory Diseases (Include time-e.g. 45 minutes)

Review chapters 4-6

**Unit Objectives:** The student will be able to:

1. Define the key vocabulary terms.
2. Describe the respiratory system and its functions.
3. List signs and symptoms of respiratory distress, which need to be reported.
4. Identify safety measures that need to be taken when a client requires oxygen therapy by mask, cannula and trach mist.
5. Discuss nursing measures to care for clients with Chronic Obstructive Pulmonary Disease and pneumonia.
6. Discuss nursing measures (including isolation) to care for clients with tuberculosis.
7. State reasons for collection of sputum specimens.
8. Describe steps of sputum collection including client instructions.
9. Describe reasons for using pulse oximetry.
10. Describe and demonstrate process for oxygen flow rate adjustment.

**Teaching strategies:** Lecture/discussion. **Show video:** "Respiratory Diseases and nursing care."

#### **Key Vocabulary:**

Alveolus/Alveoli, Apnea, Bronchi, Carbon Dioxide (CO<sub>2</sub>), Chronic Obstructive Pulmonary Disease (COPD), Diaphragm, Dyspnea, Expectorate, Oxygen (O<sub>2</sub>), Oxygen Saturation (O<sub>2</sub> sat), Postural Drainage, Sputum, Trachea.

#### **CLINICAL SKILLS TO DEMONSTRATE AND PRACTICE:**

Converting oxygen tubing from wall meter or concentrator to a portable tank

Collection of sputum specimens

Placement of the pulse oximetry probe

Adjusting oxygen flow rate

**HOMEWORK/ASSIGNMENT:** Chapters 5-9