Terminology in Health Care and Public Health Settings

Unit 11
Respiratory System

Objectives

- Define, understand and correctly pronounce medical terms related to the respiratory system
- Describe common diseases and conditions, laboratory and diagnostic procedures, medical and surgical procedures and medications related to the respiratory system

Respiratory System Overview

- Anatomy of the Respiratory System
  - Upper respiratory tract
    - Nasal Cavity (Nose)
    - Pharynx
    - Larynx
  - Lower respiratory tract
    - Trachea
    - Bronchi
    - Lungs
Diseases and Disorder of the Bronchus

- Asthma
  - Chronic disease
  - Childhood asthma
  - Reactive disease
    - Wheezing
    - Coughing
    - Chest tightness
    - Trouble breathing
  - Treatment
    - Quick relief medicines
    - Long-term control medicines

Diseases and Disorders of the Bronchus

- Bronchitis
  - Definition
  - Two types
    - Acute
    - Chronic
      - Causes
        - Smoking
        - Breathing fumes over a period of time
        - Breathing dust over a period of time

Diseases and Disorders of the Pharynx

- Throat Disorders
  - Tonsillitis – an infection in the tonsils
  - Pharyngitis – inflammation of the pharynx
- Head and Neck Cancer
  - Location
  - Symptoms
  - Risk Factors
  - Treatment
Diseases and Disorders of the Lung

- Cystic Fibrosis (CF)
  - Inherited
  - Affect organs
  - Symptoms
  - Treatments
- Lung transplantation
  - Definition
  - Diseases
  - Complications

Disorders and Diseases of the Lungs

- Pneumonia
  - Definition
  - Common causes
  - Diagnostic test
  - Preventive measures
    - Washing hands
    - No smoking
    - Wearing a mask when cleaning mold or dust
    - Be vaccinated with pneumococcal pneumonia vaccine

Disorders and Diseases of the Lungs

- Pulmonary Embolism
  - Etiology
    - Deep vein thrombosis (DVT)
  - Complications
    - Low oxygen levels in blood causing damage to lung and other organs
  - Symptoms
    - Shortness of breath
    - Chest pain
    - Coughing up blood
  - Treatment
Disorders and Diseases of the Lungs

- Pulmonary Hypertension
  - Also referred to as pulmonary arterial hypertension
  - High blood pressure in the arteries to lung
  - Two main types
  - Treatment
    - Medicines
    - Oxygen
    - Lung transplantation

Respiratory System Combining Forms

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<thead>
<tr>
<th>Word Part</th>
<th>Meaning</th>
<th>Key Terms</th>
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