

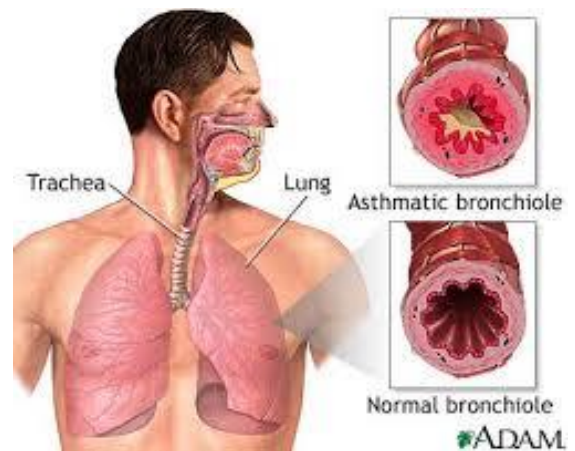
Status Asthmaticus Simulation Station

Purpose:

The purpose of this station is to enable healthcare professionals to plan, deliver, and evaluate evidence-based preventative and therapeutic care for patients at risk for asthmatic attack and patients who have asthma.

Learning Objectives:

- Define asthma and Status Asthmaticus.
- Review the epidemiology, pathophysiology, etiology, and contributing factors related to the development of asthmatic attack.
- List the signs and symptoms of asthma.
- Describe the diagnostic process and assessment of asthma severity.
- Review the pharmacologic treatments for asthma.
- Identify the elements of long-term and acute-term asthma management.
- Discuss the roles of respiratory, physical, and occupational therapy in the long-term management of asthma.
- Outline self-management, emergency, and inpatient management of asthma exacerbations.
- Discuss complications of asthma and asthma care for special populations.
- List different ways asthma is diagnosed.
- List the 3 primary pathologic reactions during an asthmatic episode.
- Recognize chest x-ray changes seen with asthma.
- Recommend the appropriate drug therapy of an asthmatic patient for chronic treatment or for an acute attack.



- Recognize the commonly used bronchodilator agents.
- List the side effects related to the different asthma medications.
- Appropriately manage the adult with impending or actual respiratory arrest with intubation and appropriate mechanical ventilation.

Who should attend?

- Medical Students
- Nurses
- Allied Health Staff

