

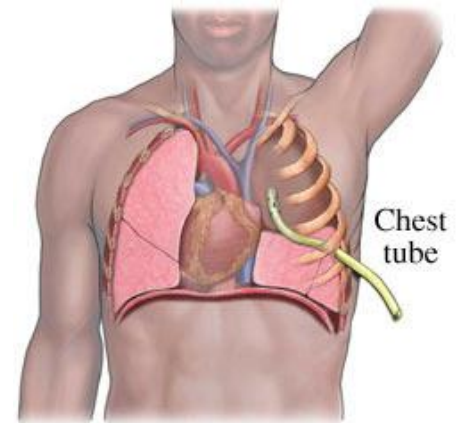
# Tension Pneumothorax and Chest Tube Insertion

## Purpose:

This simulation and skill station is to teach recognition of tension pneumothorax and a “Hands on” approach to chest tube procedure including insertion and management.

## Objectives:

1. Understand the physiologic responses a patient may have leading to the need for pleural chest tube placement.
2. Understand the difference between a pleural, mediastinal and pericardial tube placement.
3. Define pneumothorax, tension pneumothorax, pleural effusion, haemothorax.
4. Describe the purpose of a pleural chest tube placement.
5. Understand the purpose and function of each of the following within the chest drainage system: the suction control dial and window, the one way valve chamber with air leak meter, the fluid collection chamber, the negative pressure indicator.
6. Understand how to safely maintain a chest drainage system.
7. State potential risks for caring for a patient with a chest tube.
8. Apply the principles of safe care through proper monitoring and care of the patient with a chest tube
9. How to insert a chest tube with hands on practice.



## Who should attend?

- Medical Students
- Nurses
- Allied Health Staff

