

Pleur-Evac Chest Tubes:

Materials:

- Chest Tube Tray with 10 blade scalpel
- Chest Tubes (ask for size)
- Atrium (connect to suction)
- Chest Tube Kit

Functions of a chest tube:

- Evacuation of fluid/air
- Restores negative pressure
- Assessment of air leak/lung healing
- Monitors bleeding

Instructions:

1. Open the chest the tray. Open the scalpel package and drop it inside for the proceduralist.
2. **Set up the suction cannister:**
3. Open the sterile package.
4. Fill the water seal chamber with the full provided prefilled syringe/bottle.
5. Connect to the patient tube.
 - a. Connect the long patient tube from the collection chamber to the patient's thoracic catheter.
 - b. Spiral tape the connection of the chest tube to the patient tubing to prevent dislodgment.
 - c. Cover chest tube insertion site on the patient with dressing of provider's choice (gauze fluff or Tegaderm). Tape the tubing distal to the insertion site to the patient's torso to prevent dislodgment.
6. Dry Suction control:
 - a. Suction control dial should be preset to -20 cm H₂). To adjust the suction control setting, rotate the dial until the red stripe appears in the semi-circular window at the prescribed suction level line and clicks into place.
 - b. Suction will almost always be ordered for -20.
7. Suction Source:
 - a. Connect directly to wall suction (do not connect to cannister).
 - b. Turn on the wall suction and increase until the orange gloat appears in the suction indicator window. – Low continuous wall suction.
8. Secure the Device:
 - a. Tape the collection chamber to the floor or hang from the bed.

CAUTION: Keep the cannister below the patient's chest level at all times.

AVOID dependent loops in the tubing. **DO NOT** clamp the chest tube during transport.

NOTE: The Chest Tube Kit should travel with the patient and remain at the bedside. If the tub becomes dislodged at the insertion site, cover the site with an occlusive dressing taped on three sides. The chest tube kit will contain all the necessary materials should this happen.