

# Closed (Inline) Suctioning

## Supplies Needed:

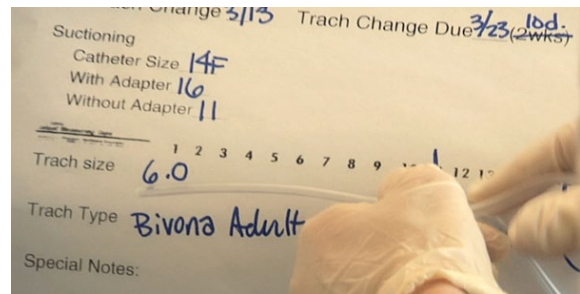
1. Inline suction catheter
2. Suction machine
3. Suction tubing
4. Sterile saline

## Open Suctioning Procedure:

1. Connect the closed suction catheter to suction tubing and unlock the thumb valve.



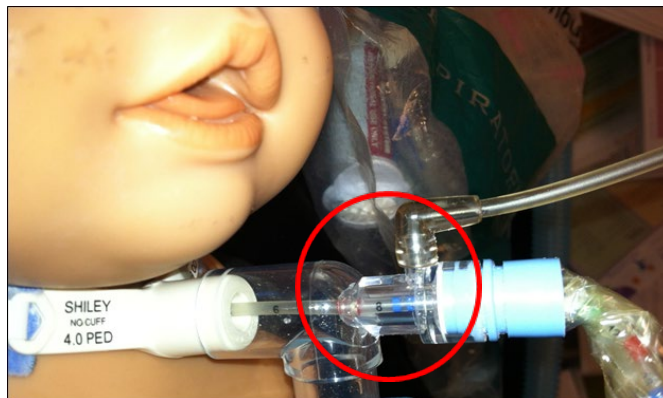
2. Verify the measurement for suction depth. The suction depth will depend on the type and size of the tracheostomy tube.



3. Turn on the suction machine. Make sure pressures on suction machine are 80-120.



4. Pass the catheter down the tracheostomy tube to the premeasured depth and verify suction depth in the suction window. Suction depth should appear in the middle of the window.



5. Press the thumb valve down with your dominant hand and pull back the catheter while securing the tracheostomy tube in place with non-dominant hand.



6. If the secretions are thick, you may use saline on the next suction pass.

- Withdraw catheter completely and make sure black tip of catheter can be seen in suction window.
- Remove top of saline bullet. Open irrigation port and squeeze a few drops of saline into port without activating thumb valve (saline bullet fits directly into port).
- Pass the catheter down tube to pre-measured length.
- Press the thumb valve down and pull back catheter while securing.



7. Apply suction for no longer than 5 seconds at a time.
8. Suction as many times as you need to until you are no longer getting secretions with suctioning. Make sure to give the student time to take a few breaths between each suction pass.
9. Rinse suction catheter with saline after suctioning is complete. To do this:
  - Withdraw the catheter completely and make sure the black tip of the catheter can be seen in suction window.
  - Remove top of saline bullet. Open irrigation port and squeeze saline into port while activating thumb valve at the same time.
  - Rinse until catheter is cleared of all secretions.

