

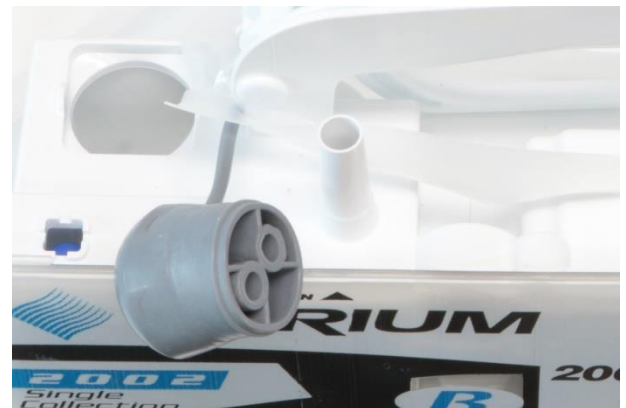
Chest Tube Management Setup Instructions

Purpose

To walk through the setup steps of the Chest Tube Management Simulator

Base Setup

1. Insert batteries
2. Mix Bleach solution
 - a. Mix 11 ml of common household bleach to one gallon of water
3. If using the wet canister, pull out the gray plug and fill the suction control compartment with the solution to the 20 cm mark
 - a. Using a syringe, fill the water seal compartment with the water/bleach solution to the 2 cm mark
4. If using the dry canister, using a syringe with 45 mL of the water/bleach solution, fill the water seal through the suction port to the 2 cm mark
 - a. Set the suction control to doctor-prescribed level



Hemothorx Setup

1. Take the length of silicone tubing with the different sized ends. Hook the smaller end to the suction control on the canister, then the larger end to the large port in the center of the simulator.
 - a. **Note:** This will simulate the wall suction.



2. Hook the length of the other tubing that comes with the suction Canaster to the collection chamber on the chosen canister and the suction port of the simulator.



3. Place the canister below the level of the simulator

4. Use the rubber plug to close the drainage port on the back right shoulder of the simulator.



5. Hook up the bellows to the left port (H) for simulating tidaling in the hemothorax side.
 - a. **Note:** If the bellows is not connected, there will be an air leak

6. Fill an IV bag with the bleach solution and connect the IV bag to the fluid inlet. Hang the IV bag above the simulator, then turn the hemothorax control counterclockwise to let the IV fluid into the simulator



7. Turn the control counterclockwise to let Fluid into the simulator
8. Utilize the suction control knob on the simulator to simulate wall suction control levels



Pneumothorax Setup

1. Take the extra length of silicone tubing with the different sized ends. Hook the smaller end to the suction control on the canister, then the larger end to the large port in the center of the simulator.



2. Hook the length of tubing that comes with the suction Canister to the collection chamber on the chosen canister and the suction port of the simulator.



3. Place the canister below the level of the simulator

4. Hook up the bellows to the right port (P) for simulating tidaling in the pneumothorax
a. Note: If the bellows is not connected, there will be an air leak



side.

5. Turn the control counterclockwise to let air into the simulator
6. Utilize the suction control knob on the simulator to simulate wall suction control levels



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