

LifeLike AAA Abdomen Simulator Set-Up Instructions

Parts Included

- Line Tubing x 3
- Reservoir with Push-to-Connect connectors
- Pump with Push-to-Connect connectors
- Zip ties
- Extra tubing and connectors

Assembly

1. Fill the reservoir with water and screw on the lid.
2. Attach the **blue** end of the short piece of tubing to one of the **blue** connectors on the reservoir by pushing the tubing into the connector. Push the tubing in so the grey piece of plastic in the tubing is all the way into the connector.
3. Attach the **green** end of the same tube to the **green** inlet connector on the pump.
4. Attach the **green** and **black** end of one of the long pieces of tubing to the **green** and **black** outlet connector on the pump.
5. Attach the **red** end of the same tube to the **red** connector at the top of the abdomen simulator.
6. Attach the **black** end of the remaining piece of tubing to the **black** connector at the bottom of the abdomen simulator.
7. Attach the **blue** end of the same tube to the open **blue** connector on the reservoir.
8. Remove the LifeLike AAA model from its packaging. Position the model so the superior end of the descending aorta lies below the left renal artery. Ensure that the inferior and superior mesenteric arteries are facing upwards.
9. Attach the superior end of the LifeLike AAA model to the large connector at the top with a zip-tie.
10. Pull the free end of tubing attached to superior end of the AAA model until the model lines up properly in the simulator.
11. Attach the right and left renal arteries to the connectors on either side of the abdomen simulator. Use zip ties to secure the vessels in place.
12. Attach right and left external iliac arteries to the connectors at the inferior end of the abdomen simulator. Use zip ties to secure the vessels in place.
13. Plug in the pump, turn on, and let the water run through the system.

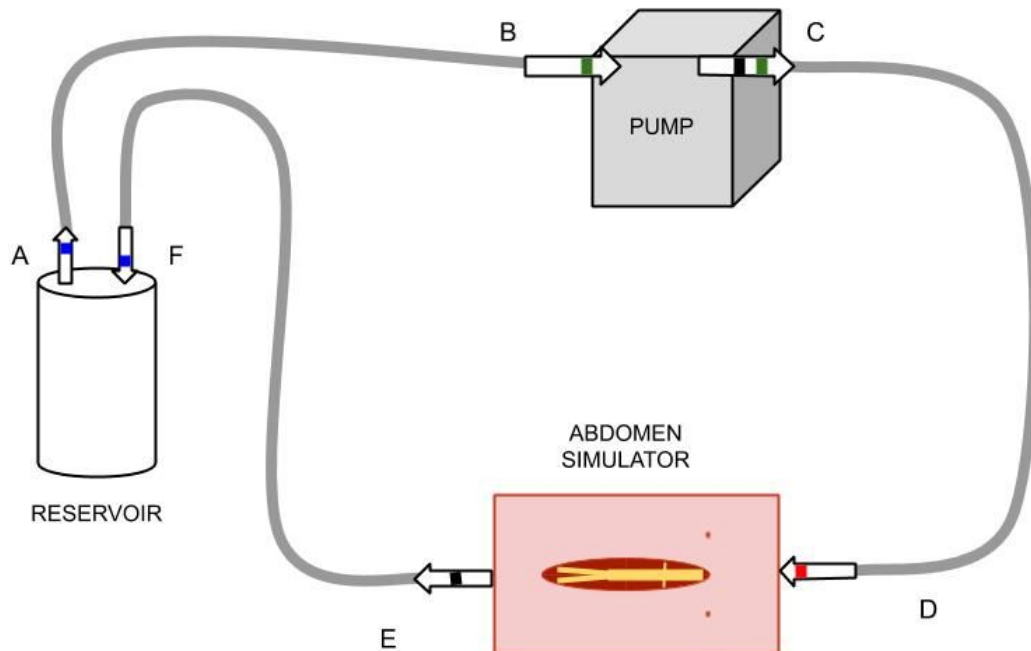
***NOTE*:** Extra tubing and connectors have been provided to set up the additional AAA model prior to the previous training session being completed for a quick switch out. Simply insert the connectors and secure with zip ties. When the training session is completed, remove the used AAA model from the simulator, cut away the zip ties and remove the connectors. The used AAA model can be discarded and the prepared model can be inserted.

Disassembly

1. Turn off the pump. Loosen the lid on the reservoir slightly. Remove the tube attached to the pump from the reservoir by holding down the grey ring on the outside of the connector while pulling the tubing outwards. Hold tube end in the air so water does not spill out.
2. Turn on the pump and run until water has emptied from the entire system back into the reservoir. Once empty, turn off the pump and unplug.
3. Remove the used AAA model from the simulator. Start by disconnecting the tubing from the ascending aorta by holding down the grey ring on the outside of the connector while pulling the tubing outwards. Hold tube end in the air so water does not spill out. Repeat for the wye connector that holds the tubing for the iliacs.
4. Replace the used AAA model by pulling the tubing still connected to the AAA model through the holes on the simulator. Cut the zip ties to remove the tubing from the used model.
5. Take the AAA Model that has already been prepared, and thread the tubing for the descending aorta through the top hole in the simulator, and re-connect the tubing to the connector by pushing it all the way in. Repeat for the iliac tubing.
6. If training is completed, disconnect all tubing and empty the reservoir.
7. Dry off the simulator before storing.

Diagram

LIFELIKE AAA ABDOMEN SIMULATOR SET-UP



LEGEND

- A - OUT FROM RESERVOIR
- B - INTO PUMP
- C - OUT FROM PUMP
- D - INTO ABDOMEN SIMULATOR
- E - OUT OF ABDOMEN SIMULATOR
- F - INTO RESERVOIR