

Set Up

- Attach LiquoGuard® 7 to IV Pole
- Connect power cord
- Turn device ON



- Connect drainage bag to distal end of LiquoGuard® 7 tube set
- Place drainage bag in the holder
- Confirm that the stopcock is open

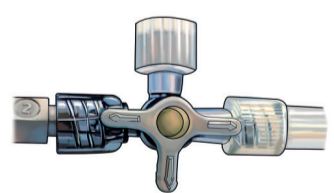


- Open pump cover
- Insert Adapter 1
- Press and hold “Turn rotor” on screen while feeding tubing into the pump
- Allow the tubing to “release” before loading Adapter 2

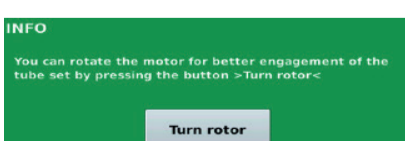
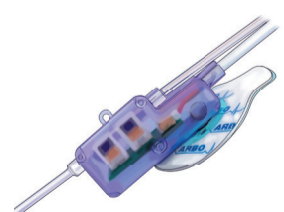


- Always start with Adapter 1 when loading or unloading the tube set.

- Connect the tube set to the patient’s catheter
- Adjust the 3-way stopcock



- Open pump cover flap and press “Turn rotor” until tubing is primed with patient’s CSF to 2 cm beyond the pressure sensor



- If there are air bubbles, press “Turn rotor” to remove them.

Connect

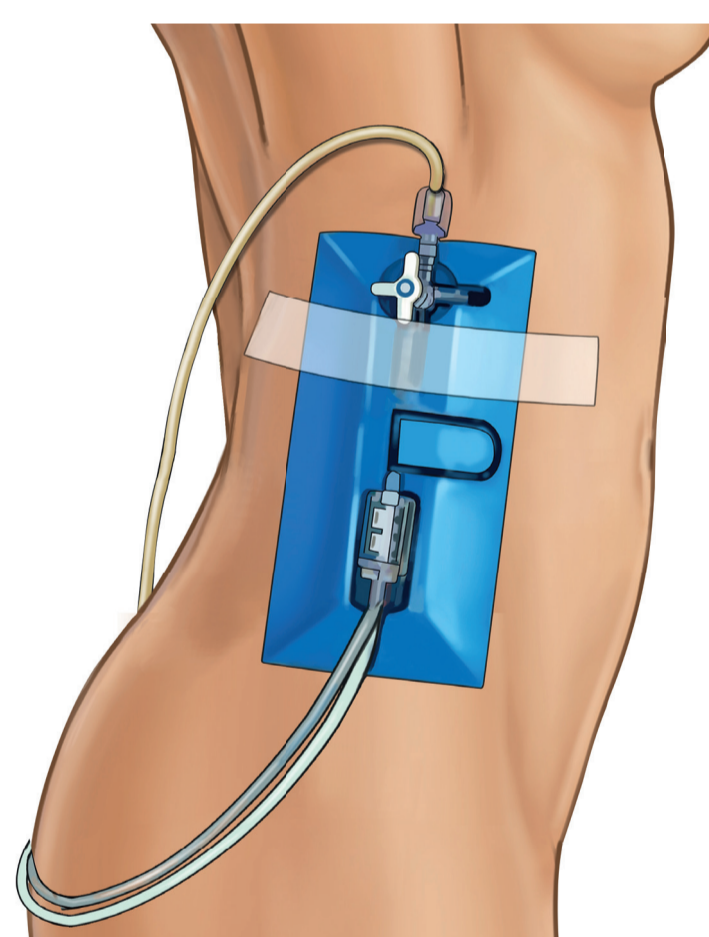
Ventricular Drainage

- Attach the ECG electrode to the pressure sensor
- Affix the sensor to the patient at the height of the Foramen of Monro (tragus)



Lumbar Drainage

- Insert the pressure sensor into a blue comfort pad
- Affix the comfort pad and transducer to the patient at the level of the catheter insertion site



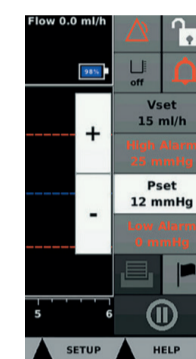
OR

- Affix the sensor to the patient at the height of the Foramen of Monro (tragus) as described in the section “Ventricular Drainage”

Manage

Set Drainage + Alarm Parameters

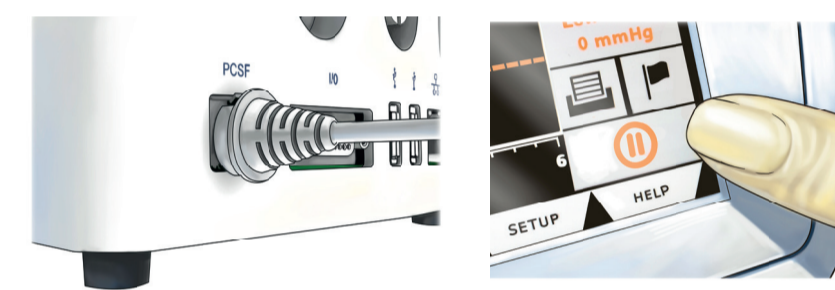
- Per physician’s orders, set the drainage and alarm parameters



- Vset
- High Pressure Alarm
- Pset
- Low Pressure Alarm

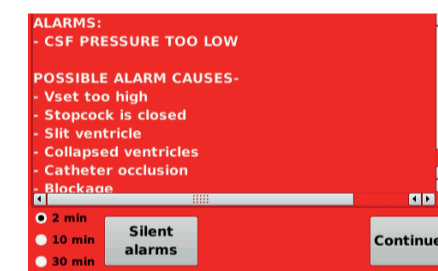
Start Application

- Plug the sensor cable into the monitor
- Select “Start application”
- Un-pause the pump



In case of Alarms

- A red screen appears on the display



- Silence the audio alarm
- Identify the cause of the alarm and correct the problem

Unload the Tube Set for MRI

- Remove tube Set sensor cable and select “Interrupt Application”
- Close the 3-way stopcock to the patient’s catheter
- Open the pump cover and remove Adapter 1
- Press and hold “Turn rotor” on the screen while removing tube Set from the pump
- Remove Adapter 2 and close the pump cover
- Remove drainage bag from holder
- Lay the tube set and drainage bag next to the patient on the MRI bed
- Detach ECG electrode/comfort pad and pressure sensor from the patient

Post-drainage Instructions

- Pause the pump
- Close the 3-way stopcock to patient’s catheter
- Disconnect tube set and discard per facility protocol

Fast Facts



Always leave LiquoGuard® 7 ON.



Make sure pump is not paused unintentionally.



During normal use, closing the stopcocks is not necessary.



LiquoGuard® 7’s tubing Set is CT compatible.



The LiquoGuard® 7 monitor is not MRI compatible, but the tube set is if it is labeled with the following symbol on the packaging:

MRI compatible

Refer to IFU and product labelling for further information.



Low alarm low pressure and/or an occlusion.



Pulsation alarm dampened waveform; may be disabled.