Setting Up the CSF Pressure Monitor

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You Will Need:

- A Separate IV Pole
- Pole Mount Assembly Unit
- 20 cc syringe filled with Normal Saline
- 1 Blue Clave
- Kit 10-110
- 1 Transducer cable
- 1 Single Transducer set
On a separate IV pole, attach the “Pole Mount Assembly Unit”: the black holder.
Open a Transducer Set
Separate the bottom connector tubing from the top.
Connect a Blue Clave to the end with the transducer attachment.
Attach the transducer alongside your other triple transducer setup.
Open Kit 10-110.
You will find two pieces in the kit:
Attach the white “up” clip to the back of the graduated chamber.
Slide the clip onto the black pole of the Pole Mount Assembly Unit. Set it at 10 cm H2O.
Attach the “manifold stopcock” to the horizontal slot on the platform of the Pole Mount Assembly Unit.
Connect the tubing from the transducer to the appropriate connection on the manifold stopcock.
Close off the “chamber stopcock” at the lower end of the graduated chamber.
Close the manifold stopcock so it is closed off to the spinal catheter.
Attach the syringe filled with NS to the blue clave of the transducer set.
Pull the blue plug as the syringe plunger is pushed to flush the tubing into the graduated chamber.
Leave a few milliliters of saline in the bottom of the graduated chamber.
Turn the manifold stopcock off to the graduated chamber.
Prime the tubing that will be connected to the spinal catheter by pulling the blue plug on the transducer and flushing the syringe.
Connect the transducer cable to the transducer.
Set the zero of the Pole Mount Assembly Unit at the level of the right atrium, along with the other transducers.
Zero the transducer after opening it to air.
Leave the manifold stopcock in the direction that connects the spinal catheter to the graduated chamber.
Therefore, the manifold stopcock is closed off to the transducer.
When you want to measure the CSF pressure, turn the manifold stopcock to connect the transducer to the spinal catheter.