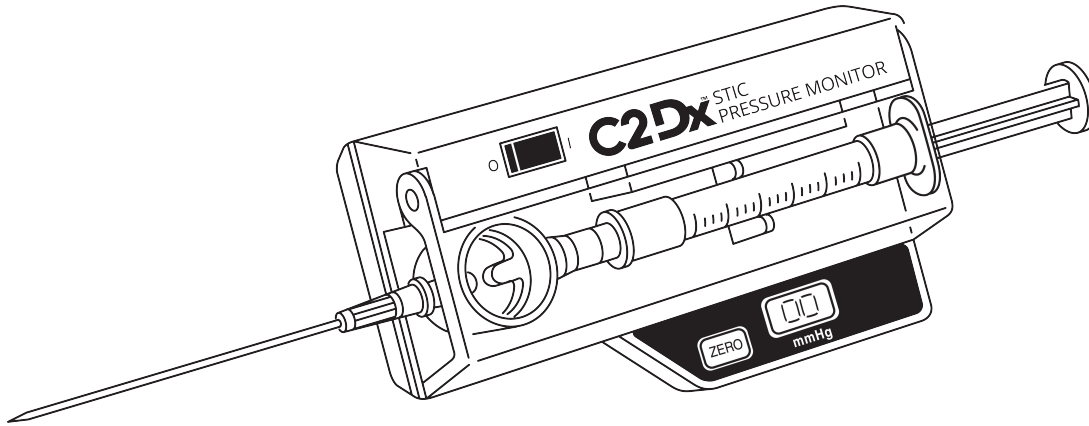


# STIC Intra-Compartmental Pressure Monitor System Instruction Guide



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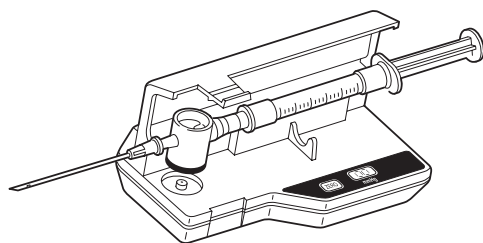
## QUICK PRESSURE MONITOR SET INSTRUCTIONS

### Follow sterile procedures.

1. Turn unit on. “\_\_\_” is displayed for five seconds and then disappears. The device is now ready for use. If “\_\_\_” is displayed continuously, see Troubleshooting.
2. Remove contents of disposable pouch.
3. Place needle firmly on tapered chamber stem.
4. Remove cap on pre-filled syringe and screw the syringe onto remaining chamber stem. Be careful not to contaminate the fluid pathway.



5. Open cover of monitor and inspect transducer port for damage or contamination. If damaged, do not use and return to C2DX. Remove all contamination with a soft damp cloth. Place chamber in well (black surface down) and gently push until disposable seats.



6. Snap cover closed. **DO NOT FORCE.** Make sure latch has snapped.

*NOTE: If the cover will not close, rotate the syringes so that a straight side of the flange rests against the base of the monitor. This will reduce the height of the flange to allow the cover to close.*

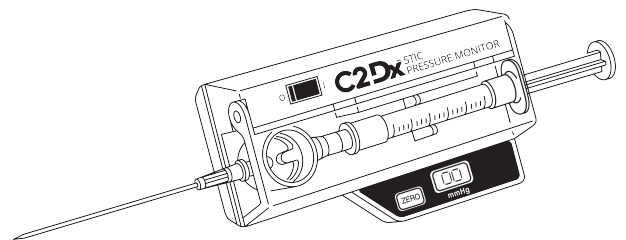
7. Hold the needle approximately 45° up from horizontal. Slowly force fluid through the disposable to purge it of air.

**CAUTION: DO NOT allow saline to roll down into the transducer well.**



**WARNING: Device must be at correct angle of insertion before the “ZERO” button is pressed to insure accuracy.**

8. Approximate the intended angle of the insertion of the needle into the skin. To insure accuracy the display must read -8 to +9mm/Hg. Press the “ZERO” button. The display will read “00” after approximately 2 seconds.



**WARNING: DO NOT use pressure readings when display indicates low batter. Replace battery and repeat steps to obtain pressure reading.**

*NOTE: Display must read “00” before continuing. If it does not, please see troubleshooting.*

9. Insert needle into body. Slowly inject less than 3/10 cc of saline into the compartment to equilibrate with interstitial fluids.
10. Wait for the display to reach equilibrium.
11. Read pressure.
12. For additional measurements, repeat steps 8-11. Make sure unit is reset to zero.

# INDWELLING SLIT CATHETER SET INSTRUCTIONS



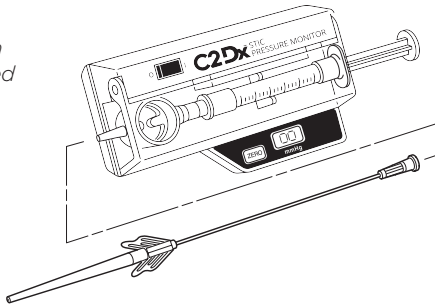
**WARNING: The Indwelling Slit Catheter procedure must not exceed a 24 hour duration.**

## Follow sterile procedures.

NOTE: ALWAYS start procedure with a full syringe.

1. Perform steps 1 through 6 of the Quick Pressure Monitor Set instructions.
2. Remove the needle from the monitor.
3. Attached the slit catheter to the tapered chamber stem. Make sure the fit is very snug.

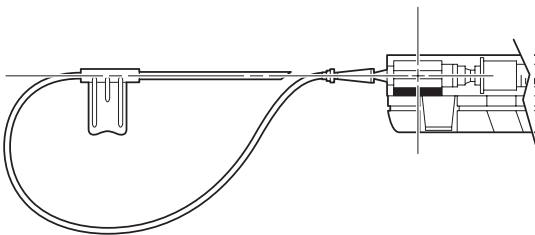
NOTE:  
Optional extension tubing may be used between the slit catheter and the monitor if additional length is desired.



4. Remove the needle guard from the break-away needle, and push the catheter in until it is just visible at the end of the needle.

**CAUTION: DO NOT let the catheter protrude from the needle, as it may be cut by the needle upon insertion.**

5. Hold the needle approximately 45° up from horizontal. Slowly force the fluid through the disposable to remove air.
6. Bring the catheter tip (slit end) to the same height as the disposable diaphragm. Display should read -8 to +9mm/Hg.



**WARNING: Device must be at correct angle of insertion before the "ZERO" button is pressed to insure accuracy.**

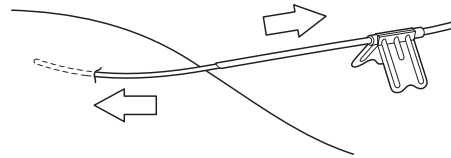
7. Press the "ZERO" button.

NOTE: Display must read "00" before continuing. If it does not, please see troubleshooting.



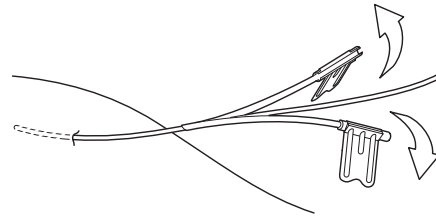
**WARNING: DO NOT use pressure readings when display indicates low batter. Replace battery and repeat steps to obtain pressure reading.**

8. Hold the catheter and the needle together and push into the compartment. Make sure the catheter's tip is protected inside the needle.
9. Push the catheter forward while pulling back on the needle. Tape the catheter in place after the needle is out of the skin.



10. Remove the break-away needle.

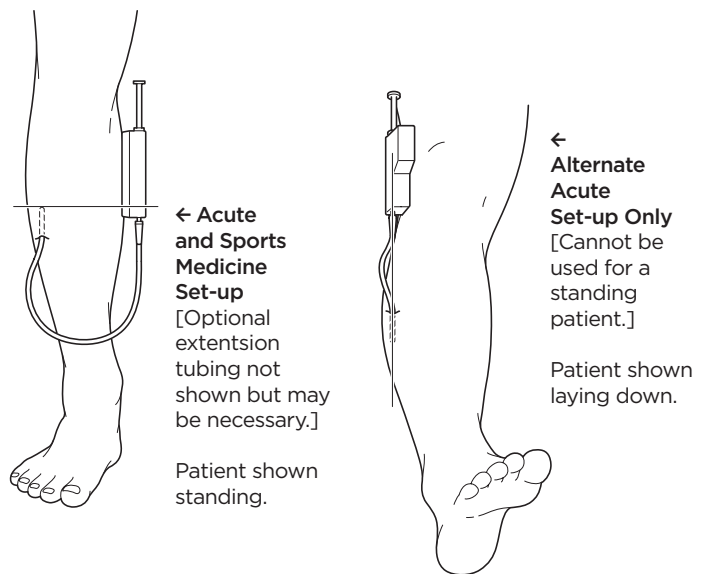
NOTE: Pinch the green fins on the needle together, then pul them apart and split the needle away.



11. Keep the chamber in the monitor at the same height as the estimated height of the slit tip of the catheter in the body. See below for suggested set-up for the Pressure Monitor with Indwelling Slit Catheter Set.



**WARNING: The monitor must be securely taped to the patient to prevent its displacement and/or patient injury.**



12. Inject less than 3/10 cc of saline into the compartment to equilibrate with interstitial fluids.
13. Wait for the display to reach equilibrium.
14. Record the pressure readings at the appropriate intervals. Repeat step 12 to ensure patency for subsequent measurements.