



EN ISO  
9001:2008 / 13485:2003



# PRESSURE TRANSDUCER

## *Setup Guide*

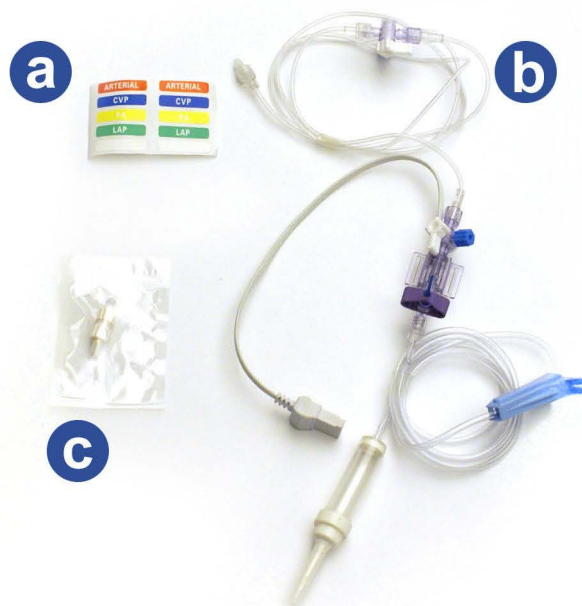
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- 1 - **TKBT-103** Disposable Pressure Transducer
- 2 - **FMT PI/10** Pressure Infusor
- 3 - **IBP-04/009** Reusable Extension Cable
- 4 - **TKBT-BP3** Transducer Background Plate
- 5 - **TKBT-CL1** I.V. Pole Clamp
- 6 - I.V. Solution Bag



- 1** Using aseptic technique, remove the transducer set from the sterile package.

Contents of the Transducer Package  
 a - Color Coded Labels  
 b - Disposable Pressure Transducer  
 c - Sterile Non-vented Caps

2

Stick the colored labels which come with the package onto the background plate for identifying the monitor inputs during multiple pressure monitoring. Mount the background plate to the IV pole by the use of IV Pole clamp.



3

Place the transducer into the background plate by sliding the wing of the transducer to the slots.



5

Connect the other end of the reusable cable to the patient monitor.

4

Connect the cable of the transducer to the reusable extension cable.



6

Tighten all connections and ensure that all stopcock handles are pointed at the desired direction.



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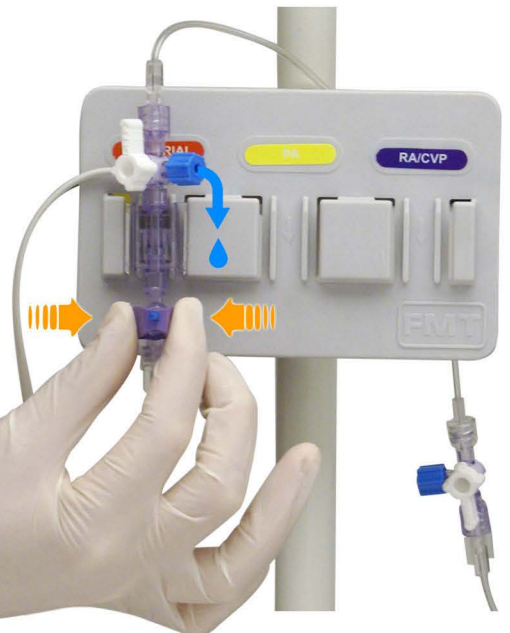
Close the roller clamp on the I.V. set and connect the I.V. set to the I.V. flush solution bag.

8

Place the I.V. Flush Solution Bag into the pressure infusor but do not inflate the pressure infusor yet.

Hang the Pressure Infusor approximately 60 cm (2 feet) above the patient.

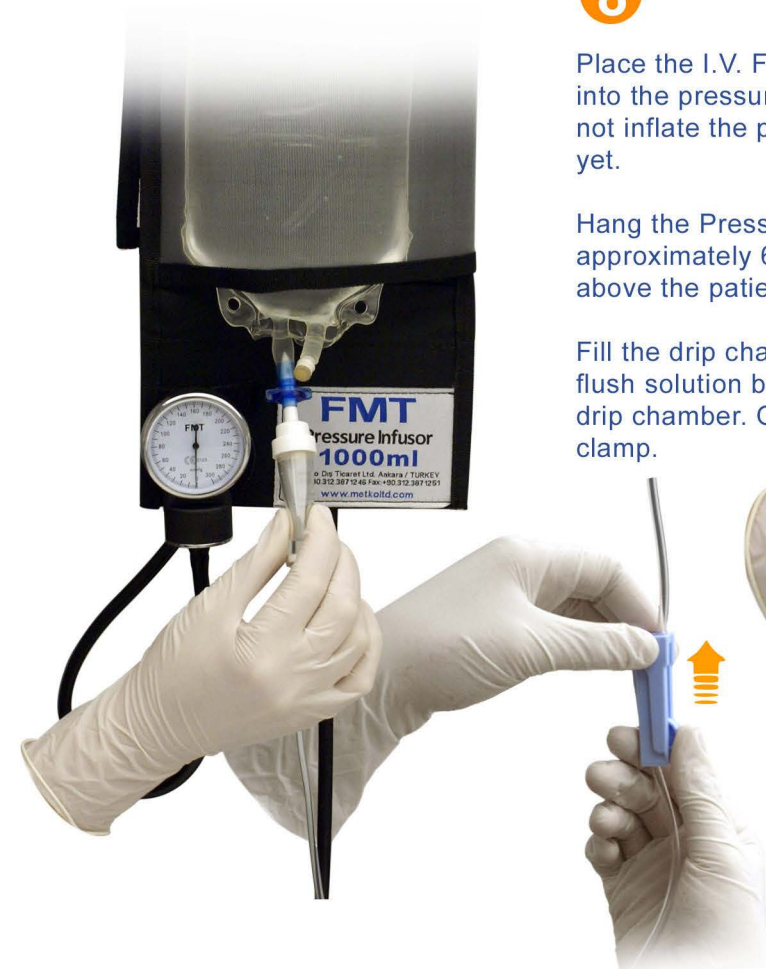
Fill the drip chamber halfway with flush solution by squeezing the drip chamber. Open the roller clamp.



9

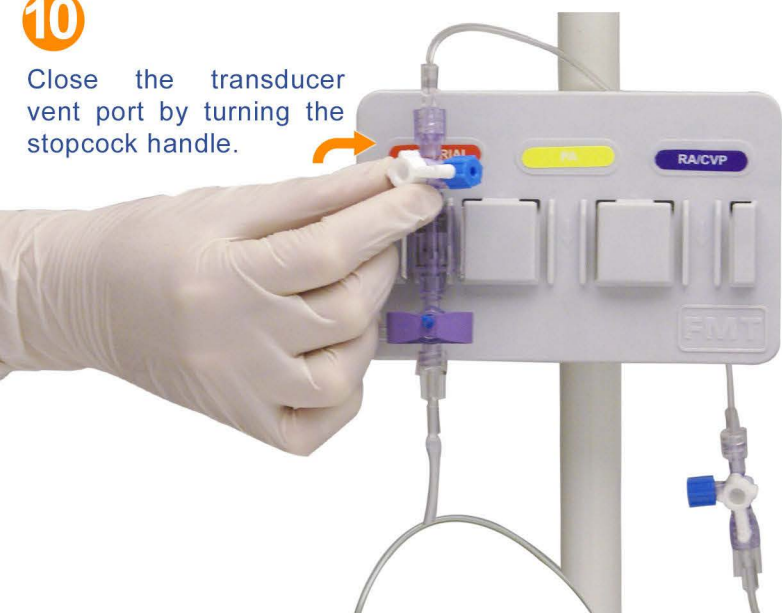
Activate the flush device by pulling or compressing the Snap-Tap device.

Flush until fluid exits the vent port of the zeroing stopcock.



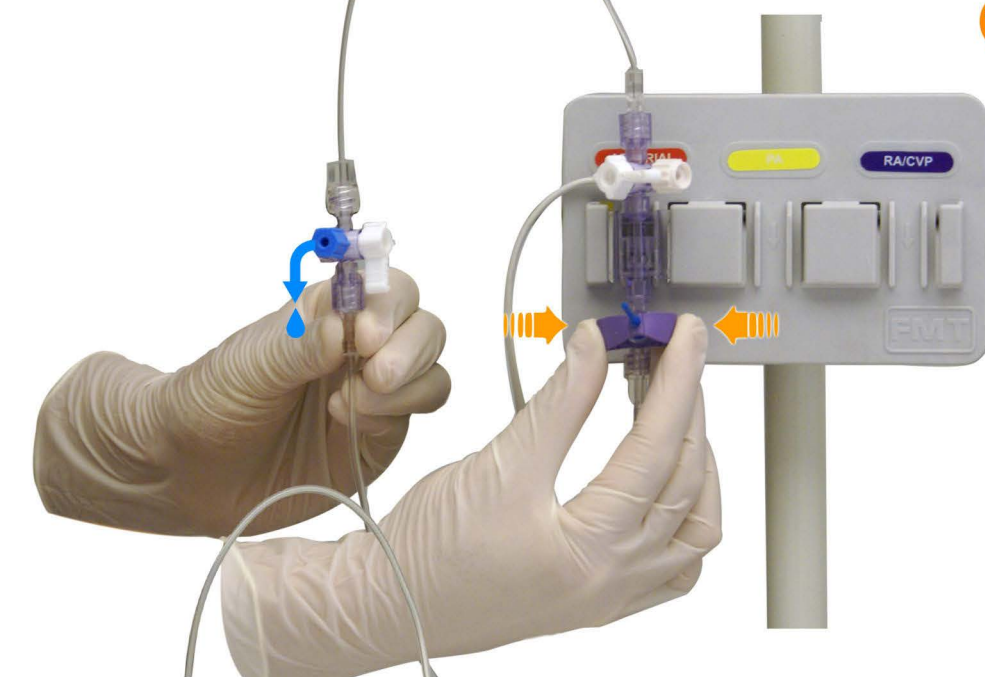
10

Close the transducer vent port by turning the stopcock handle.



11

Replace vented cap on vent port of the stopcock with non-vented cap.



12

Open the transducer vent port by turning the stopcock handle. Deliver flush solution first through the transducer and out through the vent port, then through the remaining kit by turning the appropriate stopcocks. Remove all air bubbles.



13 \*

Replace all vented caps on vent ports of the stopcocks with non-vented caps.

- 14** Pressurize I.V. flush solution bag to 300 mmHg. Close the pressure cuff clamp. If air bubbles appear in transducer chamber, flush again.



- 15** Adjust the level of transducer zero port. Ensure that zero port is at mid-heart level. This is at phlebostatic axis.



- 16** Turn zeroing stopcock handle "OFF" to the patient line.
- Remove the non-vented cap from the zeroing port which opens the transducer to atmosphere.
- Adjust the monitor to read zero mmHg. Check monitor calibration using procedure recommended by the monitor manufacturer.



- 17** Turn the stopcock handle "OFF" towards the zeroing port and replace the non-vented cap on the zeroing port.



- 18** Connect the fluid filled patient line on the patient catheter.
- After zeroing and calibration, the system is ready to begin real-time pressure monitoring.