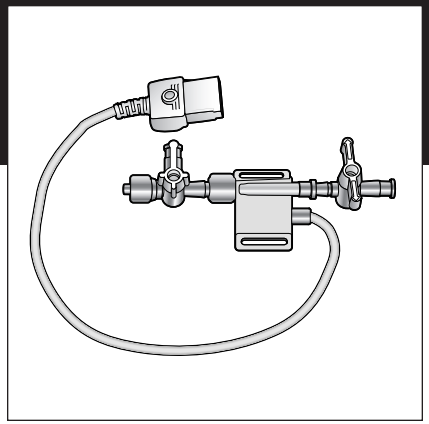
DeRoyal®



Physiological Pressure Transducer

Single Patient Use Only
Disposable • Sterile
Rx Only

Important
Read carefully and completely before using.

Intended Use
This product is used for monitoring the patient's blood pressure invasively via a catheter.

Indications
For use during catheterization procedures and fluid delivery.

Precautions
- This product is intended for use by trained and experienced personnel.
- Use proper aseptic techniques when handling this product.
- Check for fluid leakage before and during procedure.

Directions For Use
1. Prior to opening the package, inspect for damage; replace if damage is seen.
2. Remove the transducer (and attached accessories) from the sterile package and inspect for damage and proper assembly. Replace if damage is found.
3. Set up the transducer and other monitoring components according to the standard hospital protocol for catheterization or pressure monitoring procedures. Ensure that all connections are secure, but do not overtighten.
4. Flush the system free of bubbles using a syringe or gravity-fed fluid.
5. Firmly connect the transducer cable to the reusable monitor adapter cable. Allow 5 minutes after connection before zeroing the device. Balance and calibrate the system according to the manufacturer's instructions.
6. The transducer's zero port or zero reference level should be at the same level as where the pressure is being measured. This reference point ensures the accuracy of measurement.
7. Adjust the zero pressure reference point each time the patient position is changed.

Continuous Flush Applications
1. Pressurize the solution source or the infusion pump for continuous flush applications. Set the pressure and/or the flow rate adjustment to deliver the desired flow rate.
2. Check to ensure that a continuous flow rate is observed at the patient connector and drip chamber.
3. After a couple of minutes, observe the flow (in the drip chamber, if provided) to verify the continuous flow through the flush device.
4. Inspect for leaks in the lines and connections because a small leak can misrepresent the actual continuous flow throughout the catheter.
5. The entire monitoring system should be checked periodically for proper fluid source pressure, flow rate and leaks.

Cautions
- Be sure that the whole monitoring system,

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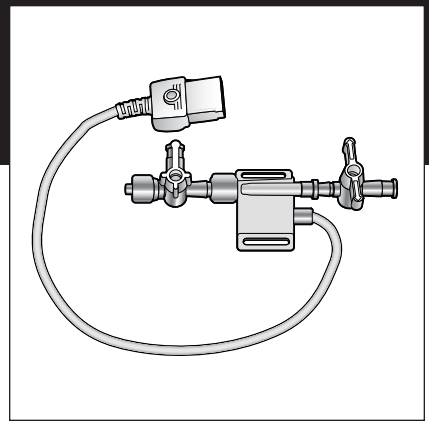

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Cautions
- Be sure that the whole monitoring system,

including transducer and lines, is free of bubbles. Air bubbles in the system will impact the response time and accuracy of the measurement.
- Ensure that the electric cables and connections are free from fluids and that they do not interfere with personnel movements.
- Do NOT debubble the system with pressurized fluid as high pressure fluid flow in the system may generate air bubbles.
- When a flush system is being used, monitor the flush rate flow regularly to ensure proper rate and that no leak exists in the lines.

Warnings
- This product is NOT intended for reuse or resterilization.
- Contents sterile unless package has been opened or damaged.

Manufacturer
DeRoyal Industries, Inc.
200 DeBusk Lane, Powell, TN 37849 U.S.A.
888.938.7828 or 865.938.7828
www.deroyal.com

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