

## Monitoring Kits

**Intended Use:** Invasive blood pressure monitoring for the operating room, critical care units, labour and delivery, and catheterisation lab patients.

**Setting Up Instructions:** Requirements: Monitoring Kit, Saline Fluid, IV Pole, Pole Mount, Brackets, Pressure Bag, Gown, Gloves, (Mask if required) **1.** Open Monitoring Kit and place disposable pressure transducer in holder. **2.** Ensure all connections are tightened. Connections can become loose as a result of sterilization. This can lead to incorrect readings. **3.** Attach giving set to fluid bag. **4.** Squeeze flush device until fluid escapes from the end of the line. **5.** Connect cable and Transducer. **6.** For pole mounted transducers, bracket should be mounted at mid-heart level. **7.** Attach end of line to Arterial/CVP line to patient. **8.** Connect Pressure Bag and inflate to 300 mmHg. **9.** Open tap to air and OFF to patient on transducer and zero monitor. **10.** Ensure dead-enders are placed on open ports after setup.

**Maintenance:** **1.** Monitoring is continuous, but the pressure bag needs to be checked regularly to maintain 300 mmHg. **2.** Blood gas sampling from an Arterial Line is done from the three-way tap close to the patient's artery. **3.** Monitoring Kits should be

changed regularly according to hospital policy.

**Troubleshooting: Dampened Waveform** Check for bubbles/blood in system. Check for kinks. Check that the Pressure Bag is inflated to 300 mmHg. Check ability to aspirate line and flush. **Blood Back Up Tubing** Check connections in system and tighten. Check all stopcocks for correct position. Flush the line. **Air Bubbles** Check all connections in system and tighten. Check for damaged stopcocks, flush device or pressure tubing. **No Waveform** Check power to monitor. Check gain setting (may be too low). Check all connections of the cable. Check for blood/air in the system. Check transducer placement. Check transducer connection or change transducer. Check stopcocks for correct position **False High/Low Readings** Check transducer level placement (Should be at mid-heart level). Check for air in the system. Check all connections and tighten. Check calibration and re-zero. **Drifting** Ensure transducer has been zeroed. Check for kinks in cable.

**WARNING: 1.** Check all connections before use and tighten if necessary. **2.** Connections screwed together may become loose during sterilisation, storage or transport leading to leakages. **3.** Red endcaps are vented and may have to be replaced with closed caps during periods of product usage. **4.** The clear plastic components used in our products offer the advantage of optical transparency. **5.** Contact with some drugs, such as cytotoxic, alcohol based or phenolic components and contact with disinfectant fluids containing alcohol or other fluids such as lipids may subsequently lead to fluid leakage, and may also under circumstances affect the integrity. All connections should therefore be regularly checked for leakage. **6.** Contents sterile unless package is opened or damaged. **7.** Do not re-use/re-sterilise products. **8.** For single use only



For more information contact your ITL Australia Account Manager

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