This is a sterile, single-use product and is not designed for re-sterilisation. Do not reuse, reprocess or re-sterilise.

After use, dispose of product and packaging in accordance with hospital, administrative and/or local government policy.

Description:
NAMIC Manifold with Integral Physiological Pressure Transducer.

Indications:
Physiological pressure transducers are utilized during invasive pressure monitoring, catheterization procedures and fluid delivery.

Contraindications:
None known

Warnings:
- Ensure that you are making secure connections when using this device to prevent the introduction of air into the system that could result in embolism and in rare instances death.
- All connections should be finger tightened. Over tightening can cause cracks and leaks to occur that could result in embolism and or exposure to biohazards.
- Check for fluid leakage before and during the procedure. Leaks can result in the loss of sterility, fluid or blood loss, and/or air embolism. If a product leaks before or during use, retighten the leaking connection or replace the product.
- This product does not incorporate protection from accidental over pressurization. Over pressurizing may permanently impair the accuracy of the device.
- Do not exceed the following pressures when using this device:

Main Lumen:

<table>
<thead>
<tr>
<th>Pressure Type</th>
<th>Maximum Pressure</th>
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</thead>
<tbody>
<tr>
<td>Medium Pressure Manifolds:</td>
<td>1379 kPa (200 psi/14 bar) Static pressure</td>
</tr>
<tr>
<td>High Pressure Manifolds:</td>
<td>3447 kPa (500 psi/35 bar) Static pressure</td>
</tr>
<tr>
<td>Transducer side port:</td>
<td>41 kPa (6 psi/300 mmHg)</td>
</tr>
</tbody>
</table>

Precautions:
- Carefully read these instructions before using this product. If this product is being used in conjunction with other manufacturers' components, also read their instructions for use.
- Use proper aseptic techniques while handling this product.
- The presence of air in the system may dampen the transmission of the patient's pressure to the transducer. Be sure to eliminate all air bubbles.
- During fluid injection through the main lumen of the manifold, ensure proper orientation of the handles so that fluid does not enter the side ports.
- Do not use transducer port as a main injection site for fluids.

Potential complications associated with invasive pressure monitoring, catheterisation procedures and fluid delivery include but are not limited to:
- Allergic reactions (including anaphylaxis)
- Arterial/venous thrombosis
- Cardiac or respiratory arrest
- Cerebral vascular accident
• Death
• Embolism
• Exposure to biohazards
• Hemorrhage
• Infection
• Myocardial infarction
• Transient ischemic attack (TIA)

Operational Instructions:
1. Open package containing the sterile NAMIC PERCEPTOR Manifold.
2. Check all connections for tightness before removing the product from the package. Inspect for damage or improper assembly.
3. Begin the case set-up according to hospital protocol for catheterization/pressure monitoring procedures. Purge the system of air bubbles.
4. Arrows on handles indicate when lumen is open to fluid path.
5. Ensure that all electrical connectors are dry. Connect the NAMIC PERCEPTOR Manifold cable in the correct orientation to the compatible NAMIC PERCEPTOR reusable cable for the monitor in use. Align the connectors and firmly join the connectors together. For the greatest accuracy allow a minimum of five (5) minutes warm-up time after connecting the transducer before attempting to take readings or zeroing.
6. To complete the set-up, open the stopcock to atmosphere and flush the transducer port free of air. Once the entire system has been fluid filled and the air is removed, the system is ready to be balanced.
7. Balance and calibrate the system according to the monitor manufacturer’s instructions.
8. To monitor patient pressure, orient the handles so that the transducer lumen is open to the catheter or patient. (Inspect carefully for air bubbles and reflush if necessary.)
9. The NAMIC PERCEPTOR Manifold should be placed at a position lateral to the thigh or mid thigh when balancing or recording pressures. This reference point assures consistency as pressures can be affected by elevating the transducer.

Storage and Use:
Storage: Store in a cool, dry place away from direct sunlight, preferably in original box.

Shelf Life: Refer to the Expiry Date printed on each pack label.

Sterile unless package is opened or damaged. If damage is found call your local Bard Australia Pty Ltd representative.

Pack is a single use device. Dispose of all unused components immediately after pack use.

STERILE
EO

Sterilised by Ethylene Oxide

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