NAUTILUS DELTA Tip Confirmation System

**Indications for Use**

The Nautilus Delta™ Tip Confirmation System (TCS) is indicated for navigation and positioning of central venous access devices. It is intended to assist in the placement confirmation.

**Contraindications**

There are no contraindications specific to the Nautilus Delta™ Tip Confirmation System. Consult the applicable implantable port Instructions for Use for possible port contraindications.

**Precautions**

For technical inquiries, contact the Bard Clinical Information Network.

**Potential Adverse Reactions**

- Air Embolism
- Device rotation or extrusion
- Allergic reactions
- Extravasation, Catheter or port erosion through the skin, and Fibrin sheath formation

Please consult product inserts and labels for indications, contraindications, warnings, precautions and directions for use.

For technical inquiries, contact the Bard Clinical Information Network at 800.321.4254.

**Table: Nautilus Delta™ Port Options**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicone Overvord</td>
<td>6F ClearVac™ Catheter</td>
</tr>
<tr>
<td>Silicone Overvord</td>
<td>8F ClearVac™ Catheter</td>
</tr>
<tr>
<td>Silicone Subture</td>
<td>6F ClearVac™ Catheter</td>
</tr>
<tr>
<td>Silicone Subture</td>
<td>8F ClearVac™ Catheter</td>
</tr>
<tr>
<td>Silicone Subture</td>
<td>8F Groshong™ Catheter</td>
</tr>
<tr>
<td>PowerPort® Implantable Port</td>
<td>6F ClearVac™ Catheter</td>
</tr>
</tbody>
</table>

*Please check with your local Bard sales representative for updates on stand-alone Nautilus Delta™ E Electrical Adaptor product availability.

**ClearVUE® isp implantable Port Options**

- M.R.I.® isp Implantable Port Silicone Suture Plugs 8F Groshong™ Catheter
- M.R.I.® isp Implantable Port Silicone Suture Plugs 8F Chronoflex™ Catheter
- CLEARVUE® isp Implantable Port silicone overmold 8F Chronoflex™ Catheter
- POWERPORT® implantable Port

**PowerPort® implantable Port Options**

- Silicone overvord 6F ClearVac™ Catheter | Intermediate | 1800682 |
- Silicone overvord 8F ClearVac™ Catheter | Intermediate | 1800838 |
- Silicone subture 6F ClearVac™ Catheter | Intermediate | 1800630 |
- Silicone subture 8F ClearVac™ Catheter | Intermediate | 1800830 |
- Silicone subture 8F Groshong™ Catheter | Intermediate | 1800850 |
- Titanium subture 6F ClearVac™ Catheter | Intermediate | 1960808 |

*Please check with your local Bard sales representative for updates on stand-alone Nautilus Delta™ E Electrical Adaptor product availability.

**PowerPort® implantable Port Options**

- Silicone overvord 6F ClearVac™ Catheter | Intermediate | 1800682 |
- Silicone overvord 8F ClearVac™ Catheter | Intermediate | 1800838 |
- Silicone subture 6F ClearVac™ Catheter | Intermediate | 1800630 |
- Silicone subture 8F ClearVac™ Catheter | Intermediate | 1800830 |
- Silicone subture 8F Groshong™ Catheter | Intermediate | 1800850 |
- Titanium subture 6F ClearVac™ Catheter | Intermediate | 1960808 |
Medical practice continues to evolve in order to meet the needs of an ever-changing health care environment, and your port practice is no different. We believe the challenges of a growing long-term vascular access patient population call for flexible solutions.

The Nautilus Delta™ Tip Confirmation System is Bard’s first ECG-based system enabled for navigation and positioning of port catheters. It is indicated as an alternative to fluoroscopy and chest x-ray for catheter tip confirmation — opening the door to a whole new port practice that is no longer bound by fluoroscopic or x-ray technologies.

In patients where the P-wave is not present, not identifiable, or intermittent, another method is required to confirm catheter tip location.

**PORTABLE**
Netbook with carrying handle, lightweight patient module and connection cables enables movement between procedure rooms

**USER-FRIENDLY**
Large swiveling display and graphic interface facilitates waveform interpretation from multiple viewing angles

**CONFIRMATION**
Maximum P-wave confirms catheter tip is near the cavoatrial junction

**STREAMLINED**
No additional wire or stylet is needed to track the port catheter

**STERILE**
Proprietary through-drape connection from Nautilus Delta™ E Electrical Adaptor to Patient Module

**CONDUCTIVE**
Saline flush enables intracavitary electrode

**ESTABLISHED**
Intracavitary ECG method has been used for over 30 years for catheter tip confirmation and is the subject of multiple peer-reviewed publications*

**PORTABLE**
Netbook with carrying handle, lightweight patient module and connection cables enables movement between procedure rooms

*Data on file at Bard Peripheral Vascular, Inc.*