Groshong® and Per-Q-Cath® Plus

MIDLINE CATHETERS

with Safety Introducer
COLOR-CODED HUBS
mean identifiable catheter type

When you need a midline catheter for intermediate-term therapies, Bard Access Systems is making a noticeable difference. And that difference is in the hubs. A system of color-coding Groshong® and Per-Q-Cath® Plus midline catheters readily identifies the type of catheter before, during and after use. This innovation, while simple, differentiates our midlines from PICCs, which in turn helps eliminate confusion and promotes patient safety.

GROSHONG® & PER-Q-CATH® PLUS MIDLINE CATHETERS
designed for intravenous therapies

Enable same placement procedure as PICCs

Intended for short or long term peripheral access, potentially reducing the need for multiple peripheral IVs

Require no X-ray after placement

Made of biocompatible radiopaque silicone

Latex-free components provide options for clinicians/patients with latex allergies

Needle-stick safety components enhance clinician/patient safety and promote hospital compliance with the federal safety regulations
Bard Access Systems, the market leader in vascular access, meets all your needs with its complete line of vascular access products and programs. go to www.bardaccess.com or call us at 800-545-0890

**Per-Q-Cath® Plus Midline**

Indications

The Per-Q-Cath® Plus Midline catheters are indicated for short or long term peripheral access to the peripheral venous system for selected intravenous therapies and blood sampling. (See Contraindications) For blood therapy, it is recommended that a 4 French or larger catheter be used.

**Groshong® Midline Catheter**

Indications

The Groshong® Midline catheter is used for peripheral placement for delivery of selected infusates (See Contraindications). For blood therapy, it is recommended that a 4 French or larger catheter be used.

Contraindications

Groshong® and Per-Q-Cath® Plus Midline Catheter placements are contraindicated for patients requiring any of the following:

- solutions with final glucose concentrations above 10 percent;
- solutions with protein concentrations above 5 percent;
- continuous infusion of vesicants.

**SAFETY INTRODUCERS**

**INTROCAN® SAFETY Introducer**

1. Clearly labeled depth markings
2. Clearly identifiable as midline catheters
3. Color coded hubs
4. Medical-grade, radiopaque silicone construction for biocompatibility
5. Soft, silicone atraumatic tip

**SAFETY EXCALIBUR® Introducer**

Per-Q-Cath® Plus Midline Indications

The Per-Q-Cath® Plus Midline catheters are indicated for short or long term peripheral access to the peripheral venous system for selected intravenous therapies and blood sampling. (See Contraindications) For blood therapy, it is recommended that a 4 French or larger catheter be used.

Groshong® Midline Catheter Indications

The Groshong® Midline catheter is used for peripheral placement for delivery of selected infusates (See Contraindications). For blood therapy, it is recommended that a 4 French or larger catheter be used.

Contraindications

Groshong® and Per-Q-Cath® Plus Midline Catheter placements are contraindicated for patients requiring any of the following:

- solutions with final glucose concentrations above 10 percent;
- solutions with protein concentrations above 5 percent;
- continuous infusion of vesicants.
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<tr>
<th>Product Code</th>
<th>Description</th>
<th>Fr</th>
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<th>Introducer Gauge</th>
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**Groshong® Midline Kits**

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<tr>
<td>7717412</td>
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**Per-Q-Cath® Plus Midline Kits**

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**Kit Contents**

- 1 Midline Catheter
- 1 Tape, Anchor
- 1 Connector
- 1 Introcan® Introducer Needle
- 1 Chloraprep®
- 1 Prep Pad
- 1 Scissors
- 1 Syringe, 12cc
- 1 Forceps
- 1 Measuring Tape
- 12 Gauze Pads
- 1 Fenestrated Drape
- 1 Absorbent Drape
- 1 Transparent Dressing
- 1 End Cap
- 1 Suture Wing
- 1 Prep Pad

*not included in the 2 Fr tray

Please consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions, and instructions for use.

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