Ster-ASSIST™
Sterile Peripheral IV Catheter Insertion Kit

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Product Manager
B. Braun Medical Inc.
Product Description

The Ster-ASSIST™ Peripheral IV Catheter Insertion Kit is a convenient, comprehensive kit that includes all the necessary components required to encourage the best practice when using sterile technique, as well as support the utilization of ultrasound guidance when performing a peripheral IV insertion.
Market Dynamics

1. Growing trend of using ultrasound guidance to place peripheral IV catheters
   - Reduction in complication rates\(^1\)
   - Efficiency (increasing "first stick success")\(^2\)
   - Minimizes the need for a PICC/CVC placement (cost savings)\(^2\)
   - Exposes vessel options that are not otherwise visible\(^3\)

2. Changing Demographics
   - Older population, more IVs placed\(^2\)
   - Compromised vasculature\(^2\)
   - Increased obesity among general American public\(^4\)
   - 2.5 billion people overweight; 750 million people obese worldwide\(^4\)

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2. iData (2014)
3. 90% of hospitalized patients receive PIVCs, and 43% of those patients receive an unsuccessful initial PIVC\(^1\)
   - Multiple attempts\(^1\)
   - Greater patient discomfort\(^1\)
   - 138 million peripheral IV catheters wasted per year\(^1\)

4. Driving the importance of sterile technique for PIVCs
   - Reduce infection rates\(^2\)

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1. iData (2014)
Ster-ASSIST™ Sterile Peripheral IV Catheter Insertion Kit

- Encourages the use of a **sterile procedure** to promote best practice

- Supports **ultrasound guidance** to facilitate "first stick success"¹

- Provides **safety** by including components that protect against needlestick and sharps injuries

- Offers **convenience** to help save on procedural prep time

Kit Focus Points

Sterility (Patient Safety)
• All components in kit are sterile
• Fenestrated drape with peel patch included to maximize sterile barrier
• Transducer (probe) cover included to maintain sterile barrier

Ultrasound Guidance
• Individually packaged ultrasound gel and transducer cover included
• Longer length Introcan Safety® IV Catheters included
  Option 1: 18G x 2.5 in.
  Option 2: 20G x 1.75 in.
  Option 3: 22G x 1.75 in.

Convenience
• 22 all-inclusive components offered to support a typical sterile, ultrasound guided PIV insertion from beginning to end
• Assessment pack included in kit outside of CSR wrapped procedure tray
Kit Focus Points – continued

Healthcare Worker Safety
• Introcan Safety IV Catheters provides automatic, passive safety against needlestick injuries
• Needleless extension set with Caresite® Luer Access Device (LAD)
• SafetyGlide™ Shielding Hypodermic Needle securely shields needle tip after activation¹
• Two ampul breakers to aid in the safe opening of an ampul

Performance
• The Ster-ASSIST components are provided to help drive performance and compliance for ultrasound guided procedures
• The Introcan Safety longer length PIV catheters allow clinicians to access deeper, harder-to-reach veins
• The Tegaderm™ I.V. Advanced Securement Dressing secures, protects and stabilizes a PIV catheter in one simple step
• The Caresite LAD easy grip barrel is designed to minimize slips and touch contamination
Ster-ASSIST™ Sterile Peripheral IV Catheter Insertion Kit Assessment Pack

The Assessment Pack conveniently allows the clinician to perform a vein assessment and prep the insertion site prior to scrubbing and gowned to help prevent contamination of the Procedure Tray.
**Ster-ASSIST™ Sterile Peripheral IV Catheter Insertion Kit Procedure Tray**

All kits contain the following components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fenestrated Drape with Peel Patch</td>
<td>1</td>
</tr>
<tr>
<td>5 mL Ampul Lidocaine HCl Inj., USP (10 mg/mL)</td>
<td>1</td>
</tr>
<tr>
<td>Ampul Breaker</td>
<td>2</td>
</tr>
<tr>
<td>3 mL Plastic Luer Lock Syringe</td>
<td>1</td>
</tr>
<tr>
<td>FILTER STRAW®, 5 μ ampule filter</td>
<td>2</td>
</tr>
<tr>
<td>25 Ga. x 1 in. (3cm) SafetyGlide® Needle</td>
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</tr>
<tr>
<td>10 mL Ampul 0.9% Sodium Chloride Inj., USP (9 mg/mL)</td>
<td>1</td>
</tr>
<tr>
<td>5 mL Plastic Luer Lock Syringe</td>
<td>1</td>
</tr>
<tr>
<td>Lidocaine/Sodium Chloride Drug Identification Label</td>
<td>1</td>
</tr>
<tr>
<td>CIV-Flex™ Transducer Cover and Ultrasound Gel</td>
<td>1</td>
</tr>
<tr>
<td>4 in. x 4 in. Gauze Sponges (4)</td>
<td>1</td>
</tr>
<tr>
<td>Skin Protectant Prep Pad</td>
<td>1</td>
</tr>
<tr>
<td>3M Tegaderm® I.V. Advanced Securement Dressing 1683</td>
<td>1</td>
</tr>
<tr>
<td>1 in. x 24 in. Transpore® Tape</td>
<td>1</td>
</tr>
<tr>
<td>Patient identification label</td>
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</table>
Ster-ASSIST™ Sterile Peripheral IV Catheter Insertion Kit
B. Braun Value-Added Key Components

Six Product SKUs with catheter gauge and extension set options

<table>
<thead>
<tr>
<th>Introcan Safety® IV Catheter</th>
<th>Qty.</th>
<th>Extension Set with Needle-Free Valve</th>
<th>Qty.</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 Ga. x 1.75 in., Straight, FEP</td>
<td>2</td>
<td>CARESITE® Smallbore Extension Set with bonded CARESITE Luer Access Device, Spin-Lock® connector and removable slide clamp, 8 in. (20cm). For use with power injector</td>
<td>1</td>
<td>375500</td>
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<tr>
<td>20 Ga. x 1.75 in., Straight, FEP</td>
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<td>375504</td>
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<tr>
<td>18 Ga. x 2.5 in., Straight, FEP</td>
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<td>375510</td>
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</table>
Ster-ASSIST™ Sterile Peripheral IV Catheter Insertion Kit
Additional Key Components

Sterile Ultrasound Gel and Transducer Cover

Tegaderm™ I.V. Advanced Securement Dressing (1683)
Thank you for your time.