NRG®
Large Access Solution

12.5F
Outer diameter

SEAMLESS ACCESS IN LARGE SHEATH CASES™
**CROSS NRG® Transseptal Needle**

- **Blunt Tip**: Fine tune your position on the septum before crossing.
- **Radiopaque Tip**: Control your positioning by visualizing needle tip location.

**Proven RF Puncture Technology**
Reliably cross normal, aneurysmal and fibrotic septa using a short, focused RF energy pulse.

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**OPTIMIZE EXISTING WORKFLOW**

The ExpanSure® device replaces your traditional sheath and dilator for seamless integration into your transseptal procedure.

1. Introduce guidewire into superior vena cava (SVC)
2. Introduce ExpanSure® device over guidewire

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- **Left atrial appendage closure**
- **Cryoballoon procedures**
- **Mitral valve repair**

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*Images and diagrams illustrate the process of using the CROSS NRG® Transseptal Needle.*
CROSS
NRG® Transseptal Needle

PRE-DILATE
ExpanSure®
Large Access Transseptal Dilator

EXCHANGE
ProTrack™ Pigtail Wire

Optimize Existing Workflow

1. Introduce guidewire into superior vena cava (SVC).
2. Introduce ExpanSure® device over guidewire.
4. Pre-dilate septum by advancing ExpanSure® device, and insert ProTrack™ pigtail wire.
5. Withdraw ExpanSure® device, leaving ProTrack™ pigtail wire in the left atrium.
6. Advance large therapeutic sheath across septum.

29% Larger dilation area

The ExpanSure® device optimizes tissue dilatation for easy introduction of large sheaths into the LA.

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Blunt Tip
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Radiopaque Tip
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Radiopaque Tip
Control your positioning by visualizing needle tip location.

Soft Flexible Tip

Save time: simply deploy the pigtail wire, with no need to probe and insert guidewire in pulmonary veins.

Prevention of left atrium access
Cushion against left atrial wall

Seamless Transition
• Single device replaces fixed curve sheath and dilator
• Sleek profile for seamless advancement across septum

Control and Stability
• Braided composite design for stability and support during crossing
Enhanced Visibility
• Radiopaque coil for visualizing the distal tip of the dilator during manipulation on echo or fluoro

Larger dilation area

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Fixed Curve Sheaths
11 F
12.5 F

Enhanced Visibility
Radiopaque coil for visualizing the distal tip of the dilator during manipulation on echo or fluoro.

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NRG® Large Access Solution

Each solution includes (in individual packaging)

- (1) NRG® Transseptal Needle
- (1) ExpanSure® Large Access Transseptal Dilator
- (1) ProTrack™ Pigtail Wire
- (1) Grounding Pad

EACH SOLUTION COMES WITH THE ExpanSure® Large Access Dilator

ExpanSure® Large Access Transseptal Dilator
Outer Diameter: 12.5F
Guidewire max outer diameter: 0.035"
Usable length: 67 cm

NRG® Transseptal Needle
Needle length: 71 cm
Proximal gauge: 18 ga
Distal gauge: 21 ga

CUSTOMIZE YOUR SOLUTION

A  Choose your needle curve

C0

C1

B  Choose your pigtail wire*

230 cm

175 cm

ProTrack™ Pigtail Wire
Wire diameter: 0.025"
Overall length: 230 cm or 175 cm

SOLUTION MODEL NUMBERS

For use with Baylis Medical Company Radiofrequency Puncture Generator RFP-100A:

<table>
<thead>
<tr>
<th>Model</th>
<th>Needle Curve</th>
<th>Dilator Length</th>
<th>Pigtail Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>NLK-71</td>
<td>C0</td>
<td>125 -67</td>
<td>230 cm</td>
</tr>
<tr>
<td>NLK-71</td>
<td>C0</td>
<td>125 -67</td>
<td>230 cm</td>
</tr>
<tr>
<td>NLK-71</td>
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