ADVANCING ACCESS.
DELIVERING STROKE CARE.

Phenom™ 21 Catheter
Phenom™ 27 Catheter

160cm Microcatheter
For over a decade, Medtronic has been leading the fight against acute ischemic stroke (AIS). We have expanded our comprehensive, compatible AIS portfolio to offer the Phenom™ Catheter in .021” and .027” inner diameters with a length of 160cm to meet your procedural needs.

**INCREASED ACCESS**

The Phenom™ 21 Catheter is our longest 0.021” microcatheter which allows increased access for:
- Triaxial set-ups with a distal access catheter
- Tortuous anatomy
- Distal occlusions out to M2

**OPTIMIZED DELIVERY.**

The combination of the Phenom™ 21 Catheter and the Solitaire™ X Revascularization Device provides smooth deliverability with a low clot crossing profile.

**DEVICE COMPATIBILITY**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Maximum Guidewire Outer Diameter (mm)</th>
<th>Minimum Guide Catheter Inner Diameter (mm)</th>
<th>React® Catheter Inner Diameter (mm)</th>
<th>Solitaire™ X Diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenom™ 21 Catheter</td>
<td>0.018</td>
<td>0.038</td>
<td>0.056</td>
<td>4.0</td>
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<td>Phenom™ 27 Catheter</td>
<td>0.025</td>
<td>0.045</td>
<td>0.068</td>
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</table>

**LUMEN INTEGRITY**

Engineered to prevent ovalization and resist kinking.

**MID COIL + BRAID ZONE**

Hybrid coil + braid design provides progressive flexibility and support with the transition from proximal to distal.

**DISTAL COIL ZONE**

Flexible single coil allows for navigability in tortuous anatomy.

**SINGLE DISTAL MARKER**

Tip radiopacity allows for visualization under fluoroscopy and proper device positioning.

**160 CM EFFECTIVE LENGTH**

Optimal length for triaxial set-ups and accessing distal vasculature.

**PROXIMAL BRAID ZONE**

Dual braid provides stability.

**LUBRICIOUS COATING**

Enhances trackability in the vessel.

**INCREASED ACCESS.**

To get the vessel open, you need to start with a compatible microcatheter to reach the occlusion and deliver the interventional device.

With a balance of stability and flexibility, the Phenom™ Catheter is designed with a low-profile outer diameter and an inner PTFE liner to facilitate delivery and re-sheathing of devices through its lumen.

**START WITH COMPATIBLE ACCESS, SO YOU CAN END WITH SUCCESS.**
### PART NUMBER KEY:

<table>
<thead>
<tr>
<th>ID SIZE</th>
<th>EFFECTIVE LENGTH (CM)</th>
<th>DISTAL SHAFT LENGTH (CM)</th>
<th>DISTAL SINGLE COIL LENGTH (CM)</th>
<th>NUMBER OF DISTAL MARKERS</th>
<th>TIP SHAPE</th>
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<tr>
<td>13 = 0.21”</td>
<td>PHENOM™ 21 / 27 CATHETER</td>
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### ORDERING SPECIFICATIONS

**FG13160-0615-1S**

**PART NUMBER KEY:**

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<th>Part Number</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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**CAUTION:** Federal (USA) law restricts these devices to sale distribution and use by or on order of a physician. Indications, contraindications, warnings and instructions for use for Phenom™ Catheter and React™ Catheter can be found in the product labeling supplied with each device. Indications, contraindications, warnings and instructions for use for Solitaire™ X Revascularization Device can be viewed at www.medtronic.com/manuals.

**Phenom™ Catheter INDICATION** Phenom™ Catheters are intended for the introduction of interventional devices and infusion of diagnostic or therapeutic agents into the neuro, peripheral, and coronary vasculatures.

**Solitaire™ X Revascularization Device INDICATIONS** 1. The Solitaire™ X Revascularization Device is indicated for use to restore blood flow in the neurovasculature by removing thrombus for the treatment of acute ischemic stroke to reduce disability in patients with a persistent, proximal anterior circulation, large vessel occlusion, and smaller core infarcts who have first received intravenous tissue plasminogen activator (IV t-PA). Endovascular therapy with the device should be started within 6 hours of symptom onset. Patients who are ineligible for IV t-PA or who fail IV t-PA therapy are candidates for treatment. 2. The Solitaire™ X Revascularization Device is indicated to restore blood flow by removing thrombus from a large intracranial vessel in patients experiencing ischemic stroke within 8 hours of symptom onset. Patients who are ineligible for IV t-PA or who fail IV t-PA therapy are candidates for treatment. 3. The Solitaire™ X Revascularization Device is indicated for use to restore blood flow in the neurovasculature by removing thrombus for the treatment of acute ischemic stroke to reduce disability in patients with a persistent, proximal anterior circulation, large vessel occlusion of the internal carotid artery (ICA) or middle cerebral artery (MCA)-M1 segments with smaller core infarcts (<70 cc by CT A or MRA, <25 cc by MR-DWI). Endovascular therapy with the device should start within 6-16 hours of time last seen well in patients who are ineligible for intravenous tissue plasminogen activator (IV t-PA) or who fail IV t-PA therapy.

**React™ Catheter INDICATION** The React™ 68 Catheter and React™ 71 Catheter are indicated for the introduction of interventional devices into the peripheral and neuro vasculature.