A powerful portfolio in the fight against stroke.

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 Solitaire™ X Revascularization Device can be viewed at www.medtronic.com/manuals. Indications, contraindications, warnings and instructions for all other products can be found in the product labeling supplied with each device.

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 secondary to intracranial large vessel occlusive disease with a persistent proximal arterial occlusion, large vessel occlusion, and smaller core infarcts who have failed intravenous tissue plasminogen activator (IV t-PA). Endovascular therapy with the device should be started within 6 hours of symptom onset. 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 secondary to distal occlusion within a persistent proximal arterial occlusion, large vessel occlusion of the internal carotid artery (ICA) or middle cerebral artery (MCA); M1 segments with smaller core infarcts (<70 cc by CTA or MRA or <25 cc by MR-DWI). Endovascular therapy with the device should start within 6-16 hours of last seen well in patients who are ineligible for intravenous tissue plasminogen activator (IV t-PA) or who fail IV t-PA therapy.

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.

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.

Riptide™ Aspiration System
INDICATION: The Riptide™ Aspiration System is intended for use in the revascularization of patients with acute ischemic stroke secondary to intracranial large vessel occlusive disease (within the internal carotid, middle cerebral M1 and M2 segments, basilar, and vertebral arteries), within 6 hours of symptom onset. Patients who are ineligible for intravenous tissue plasminogen activator (IV t-PA) or who fail IV t-PA therapy are candidates for treatment.

Medtronic
9775 Toledo Way
Irvine, CA 92618
USA
Tel: 877.526.7890
Fax: 763.526.7888

medtronic.com

1. TR-NV1871A
2. TR-NV16168A
3. D00023131A
4. TR-NV12692A
5. TR-NV13807A
6. STRATEGI, SWIFT PRIME, ESCAPE, Nana Therapy, FRAME, MR CLIP, XVE, EXTEND, HEPARIN FREE, DURACAT 3D Printed Devices, Atomic, Solitaire™ platinum, Phenom™, React™, Catheters and BioStable™, and Riptide™ Aspiration System were not evaluated in these studies.
7. Compared to Solitaire™ Platinum Revascularization Device
8. TH32-030A
9. DWO07DG1001-YYy-ZzzreC C
10. DWO07DG1500-YYy-ZzzreC C
11. TR-NV18399A
12. TR-NV1871A
13. D00023810A
14. TH320-030A
15. TR-NV13807A
16. TR-NV18399A
When time is brain, you need to make fast, effective procedural decisions. With Solitaire™ Thrombectomy + Aspiration Therapy (STAT), you’ve got greater freedom and flexibility. The ability to combine our comprehensive, compatible portfolio – Solitaire™, React™ and Riptide™ – gives you true peace of mind knowing you can use these solutions together, on-label, if and when you need them.
Your committed partner – delivering meaningful innovations that transform stroke care.

For over a decade, Medtronic has been leading the fight against acute ischemic stroke (AIS) – enabling our physician partners with meaningful technologies to empower their expertise.

Together, we are changing the way AIS is treated around the world – making a difference for the millions of patients that are affected by stroke every day.
The React™ Catheters feature COBRA coil + braid technology design, along with end-to-end Nitinol construction – easing navigation to the M1 and M2 segments.

### React™ Catheter Ordering Information

<table>
<thead>
<tr>
<th>Product Catalog Number</th>
<th>ID</th>
<th>MAX OD</th>
<th>Working Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>React™ 68 Catheter</td>
<td>REACT-68</td>
<td>0.068”</td>
<td>0.083”</td>
</tr>
<tr>
<td>React™ 71 Catheter</td>
<td>REACT-71</td>
<td>0.071”</td>
<td>0.0855”</td>
</tr>
</tbody>
</table>
Stroke is never expected. But when you can **REACT** quickly and confidently, you have the power to save lives.

That’s what you can expect from the React™ Catheters. Together with the compatible Solitaire™ X Revascularization Device, it is designed to revascularize patients experiencing acute ischemic stroke – for a powerful combination in AIS treatment.
160cm Microcatheter

INCREASED ACCESS. A 160cm length microcatheter allows increased access for:

- Triaxial set-ups with a distal access catheter
- Tortuous anatomy
- Distal occlusions out to M2

OPTIMIZED DELIVERY. The Phenom™ 21 Catheter is optimized to deliver all sizes of the Solitaire™ X Revascularization Device providing smooth deliverability with a low clot crossing profile.

START WITH COMPATIBLE ACCESS, SO YOU CAN END WITH SUCCESS. 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.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Part Number</th>
<th>Effective Length (cm)</th>
<th>Distal Shaft Length (cm)</th>
<th>Distal Single Coil Length (cm)</th>
<th>Inner Diameter (in)</th>
<th>Proximal Outer Diameter (F)</th>
<th>Distal Outer Diameter (F)</th>
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<tbody>
<tr>
<td>Phenom™ 21 Catheter</td>
<td>FG13160-0615-15</td>
<td>160</td>
<td>6</td>
<td>15</td>
<td>0.021</td>
<td>2.6</td>
<td>2.3</td>
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<tr>
<td>Phenom™ 27 Catheter</td>
<td>FG15160-0615-15</td>
<td>160</td>
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<td>15</td>
<td>0.027</td>
<td>3.1</td>
<td>2.8</td>
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</tbody>
</table>

PART NUMBER KEY:

- **FG13160-0615-1S**

**P H E N O M ™ 2 1 / 2 7 C A T H E T E R**

**PART NUMBER KEY:**

- ID SIZE: 13 = 0.21”, 15 = 0.27”
- EFFECTIVE LENGTH: 160cm
- DISTAL SHAFT LENGTH: 6 cm
- DISTAL SINGLE COIL LENGTH: 15 cm
- INNER DIAMETER: 0.021”
- PROXIMAL OUTER DIAMETER (F): 2.6”
- DISTAL OUTER DIAMETER (F): 2.3”
**ADVANCING ACCESS.**
**DELIVERING STROKE CARE.**

**Phenom™ 21 Catheter**

**Phenom™ 27 Catheter**

160cm Microcatheter

---

**INCREASED ACCESS.**

A 160cm length microcatheter allows increased access for:
- Triaxial set-ups with a distal access catheter
- Tortuous anatomy
- Distal occlusions out to M2

---

**OPTIMIZED DELIVERY.**

The Phenom™ 21 Catheter is optimized to deliver all sizes of the Solitaire™ X Revascularization Device providing smooth deliverability with a low clot crossing profile.

---

**START WITH COMPATIBLE ACCESS, SO YOU CAN END WITH SUCCESS.**

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

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---

**PHENOM™ 21 / 27 CATHETER**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Part Number</th>
<th>A  Effective Length (cm)</th>
<th>B  Distal Shaft Length (cm)</th>
<th>C  Distal Single Coil Length (cm)</th>
<th>D  Inner Diameter (in)</th>
<th>E  Proximal Outer Diameter (F)</th>
<th>F  Distal Outer Diameter (F)</th>
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</thead>
<tbody>
<tr>
<td>Phenom™ 21 Catheter</td>
<td>FG13160-0615-15</td>
<td>160</td>
<td>6</td>
<td>15</td>
<td>0.021</td>
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<td>2.3</td>
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<td>FG15160-0615-15</td>
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<td>15</td>
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Stroke is never expected. But when you can **REACT** quickly and confidently, you have the power to save lives.

That’s what you can expect from the React™ Catheters. Together with the compatible Solitaire™ X Revascularization Device, it is designed to revascularize patients experiencing acute ischemic stroke – for a powerful combination in AIS treatment.

---

**React™ 68 Catheter**

**React™ 71 Catheter**

---

## SOLITAIRE™ X REVASCULARIZATION DEVICE ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Recommended Vessel Diameter (mm)</th>
<th>Minimum Microcatheter ID (inch)</th>
<th>Push Wire Length (cm)</th>
<th>Stent Diameter (mm)</th>
<th>Usable Length (mm)</th>
<th>Stent Length (mm)</th>
<th>Length from Distal Tip to Fluorosafe Marker (cm)</th>
<th>Radiopaque Markers</th>
<th>Radiopaque Stent Markers Spacing (mm)</th>
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<tbody>
<tr>
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<tr>
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<td>0.021</td>
<td>0.027</td>
<td>200</td>
<td>4.0</td>
<td>20.0</td>
<td>31.0</td>
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<td>3 1 10</td>
</tr>
<tr>
<td>SFR4-4-40-10</td>
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<td>0.021</td>
<td>0.027</td>
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<td>4.0</td>
<td>40.0</td>
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<td>3 1 10</td>
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<td>SFR4-6-20-10</td>
<td>2.0</td>
<td>0.021</td>
<td>0.027</td>
<td>200</td>
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<td>4 1 10</td>
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<td>SFR4-6-24-06</td>
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<td>4 1 10</td>
</tr>
<tr>
<td>SFR4-6-40-10</td>
<td>2.0</td>
<td>0.021</td>
<td>0.027</td>
<td>200</td>
<td>6.0</td>
<td>40.0</td>
<td>47.0</td>
<td>&lt;130</td>
<td>4 1 10</td>
</tr>
</tbody>
</table>

---

A. Based on the smallest vessel diameter at thrombus site.

B. Usable length that is at least as long as the length of the thrombus.

---

**Lower delivery force**

**for improved procedural efficiency and smooth navigation through even the most complicated anatomy.**

---

**Optimized delivery. Improved efficiency.**

**Lower delivery force**

**for improved procedural efficiency and smooth navigation through even the most complicated anatomy.**

---

**Lower Profile. Greater flexibility.**

When combined with a 0.021” microcatheter, the Solitaire™ X Revascularization Device provides smooth and adaptable deliverability with a lower clot crossing profile.

---

**More options. Better control.**

The Solitaire™ X Revascularization Device’s expanded compatibility gives you the flexibility to employ the optimal technology for each procedure.

---

**Solitaire™ X Revascularization Device**
The React™ Catheters feature COBRA coil + braid technology design, along with end-to-end Nitinol construction – easing navigation to the M1 and M2 segments.

### React™ Catheter Ordering Information

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<th>Product Catalog Number</th>
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</tr>
<tr>
<td>React™ 71 Catheter</td>
<td>REACT-71</td>
<td>0.071”</td>
<td>132cm</td>
</tr>
</tbody>
</table>

For ten years, Solitaire™ Revascularization Device has supported you in helping your patients with a better chance of recovery.

Now we advanced our design for optimized delivery and ease of use, while retaining the clinically proven features you’ve come to depend on.

At Medtronic, we listen. We innovate. We meet your needs.
EXPANDING YOUR OPTIONS. 
EMPOWERING YOUR EXPERTISE.

medtronic.com/Riptide

Riptide™ Aspiration System

Your committed partner – delivering meaningful innovations that transform stroke care.

For over a decade, Medtronic has been leading the fight against acute ischemic stroke (AIS) – enabling our physician partners with meaningful technologies to empower their expertise.

Together, we are changing the way AIS is treated around the world – making a difference for the millions of patients that are affected by stroke every day.

RIPTIDE™ ASPIRATION SYSTEM INDIVIDUAL COMPONENTS

<table>
<thead>
<tr>
<th>Product Catalog Number</th>
<th>Volume</th>
<th>Inner Diameter</th>
<th>Tubing Length</th>
<th>Distal Length</th>
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</thead>
<tbody>
<tr>
<td>Riptide™ Aspiration Pump</td>
<td>MAP-1000</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Riptide™ Collection Canister &amp; Intermediate Tubing</td>
<td>MAC-1200</td>
<td>1200mL</td>
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<tr>
<td>Riptide™ Aspiration Tubing</td>
<td>AT-88-110</td>
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<td>0.088&quot;</td>
<td>112&quot;</td>
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</table>

RIPTIDE™ ASPIRATION SYSTEM INITIAL ORDER BUNDLE

<table>
<thead>
<tr>
<th>Product Catalog Number</th>
<th>Riptide™ Aspiration Pump</th>
<th>Riptide™ Collection Canister &amp; Intermediate Tubing</th>
<th>Riptide™ Aspiration Tubing</th>
<th>React™ Catheter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riptide™ Aspiration System 68 Bundle</td>
<td>RBUNDLE-68</td>
<td>1 QTY</td>
<td>3 QTY</td>
<td>3 QTY React™ 68</td>
</tr>
<tr>
<td>Riptide™ Aspiration System 71 Bundle</td>
<td>RBUNDLE-71</td>
<td>1 QTY</td>
<td>3 QTY</td>
<td>3 QTY React™ 71</td>
</tr>
</tbody>
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medtronic.com/STAT

Solitaire™X
Revascularization Device

React™ 68/71
Catheter
Partner with Medtronic and focus on what matters –
the urgent care you need to provide –
to give patients a better chance to
walk away from stroke.

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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 persistent, proximal anterior circulation, large vessel occlusion, and smaller core infarcts who have not received intravenous tissue plasminogen activator (IV-PA). Endovascular therapy with the device should be started within 6 hours of symptom onset. 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 eligible for IV-PA or who fail IV-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 in pediatric patients weighing ≥15 kg by CTA or MRA (≥25 kg by PR-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-PA) or who fail IV-PA therapy.

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.

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A powerful portfolio
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