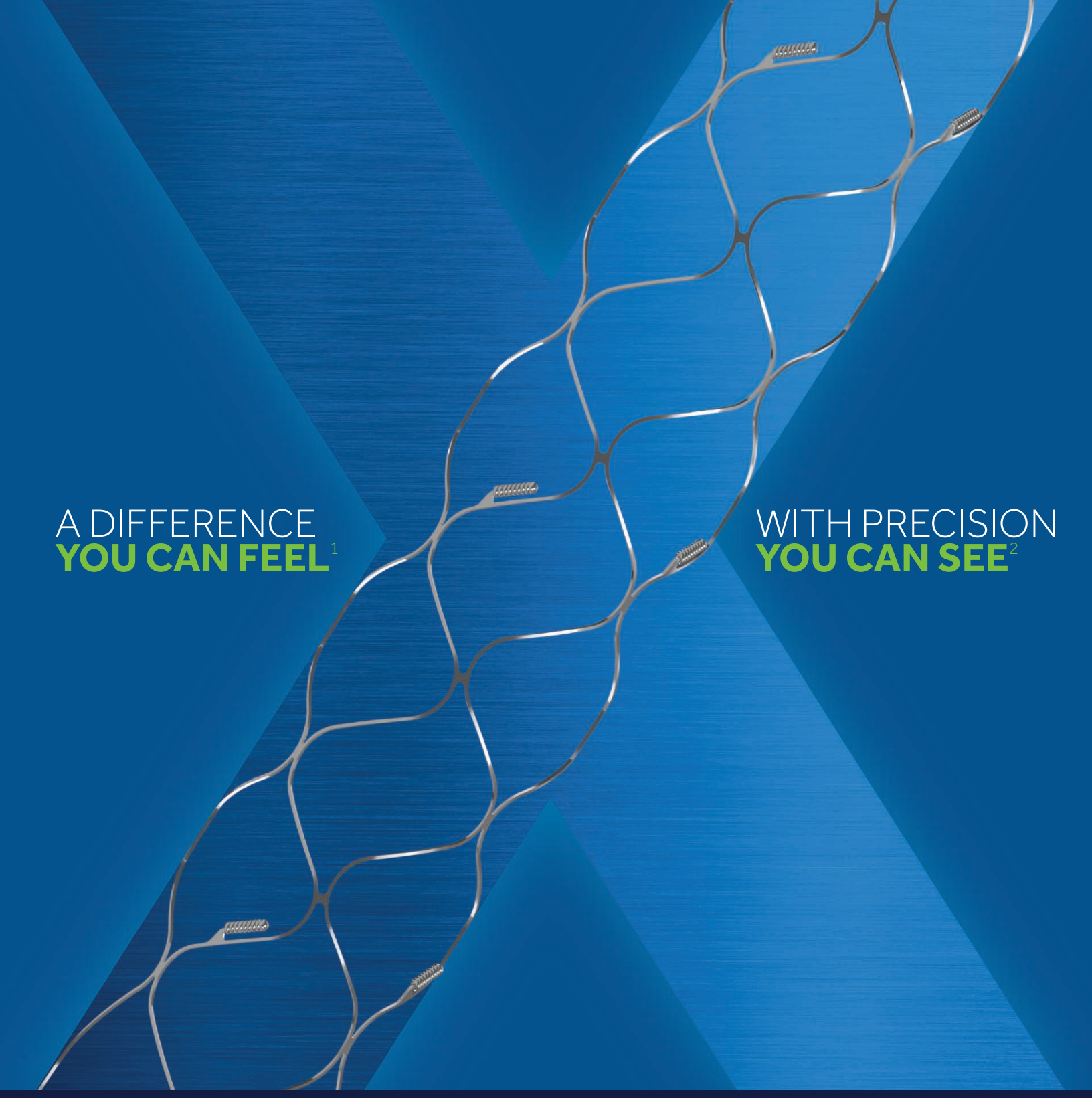


A DIFFERENCE
YOU CAN FEEL[1]

WITH PRECISION
YOU CAN SEE[2]

Solitaire™ X
Revascularization Device

Medtronic

Solitaire™ X
Revascularization Device

TEN YEARS OF
INNOVATION[10]

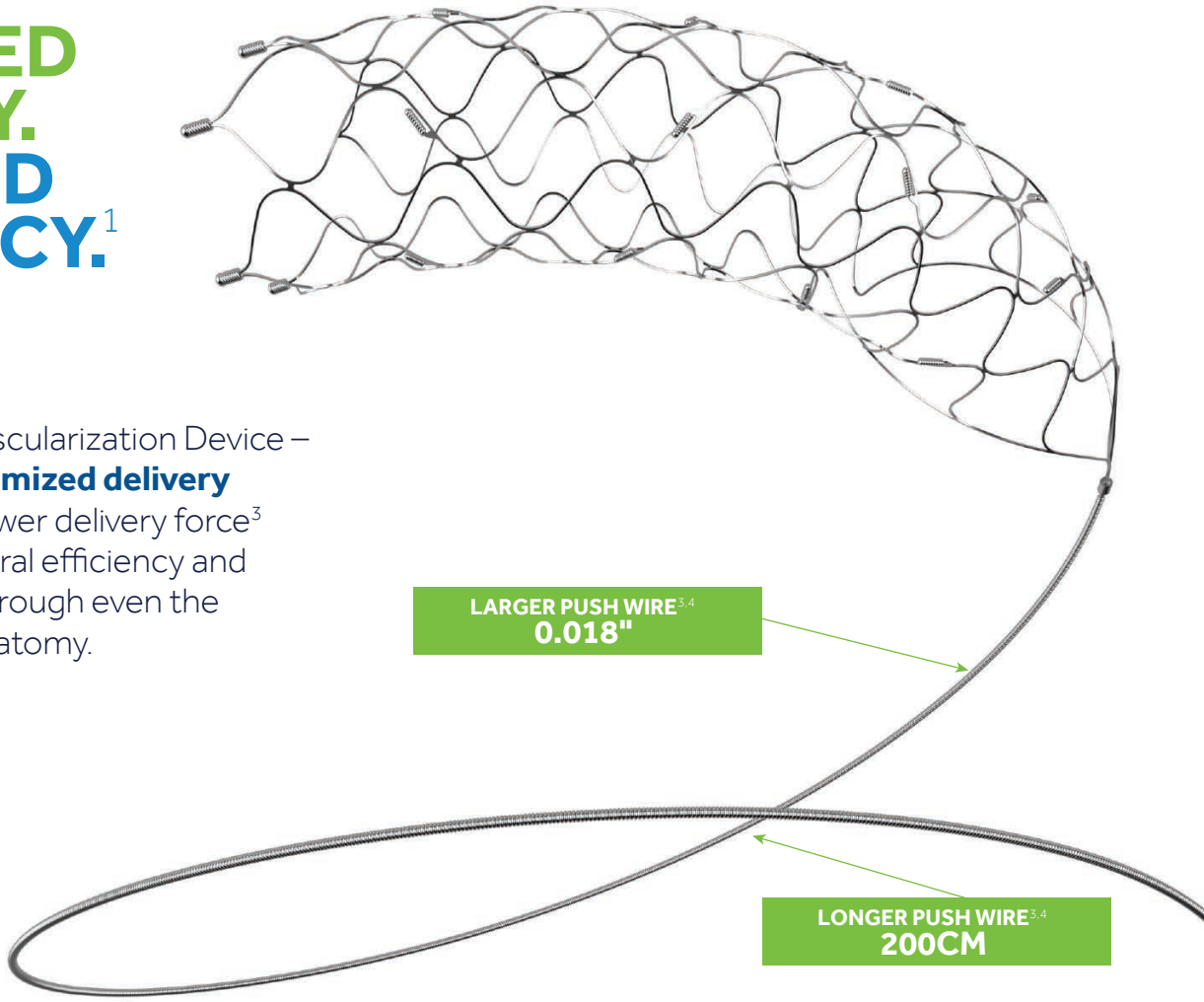
For ten years, **Solitaire**™ Revascularization Device has supported you in helping your patients with a better chance of recovery.

Now we advanced our design for **optimized delivery** and **ease of use**[1,3] while retaining the clinically proven[13] features you've come to depend on.

At Medtronic, we listen. We innovate. We meet your needs.

OPTIMIZED DELIVERY. IMPROVED EFFICIENCY.[1]

Our Solitaire™ X Revascularization Device – designed with an **optimized delivery** system – produces lower delivery force[3] for improved procedural efficiency and smooth navigation through even the most complicated anatomy.



LOWER DELIVERY FORCE.[1,3]

Solitaire™ Platinum 6-40-10
Phenom™ 27

Solitaire™ X 6-40-10
Phenom™ 21

47% LOWER DELIVERY FORCE
IN A .021" MICROCATHETER[12]

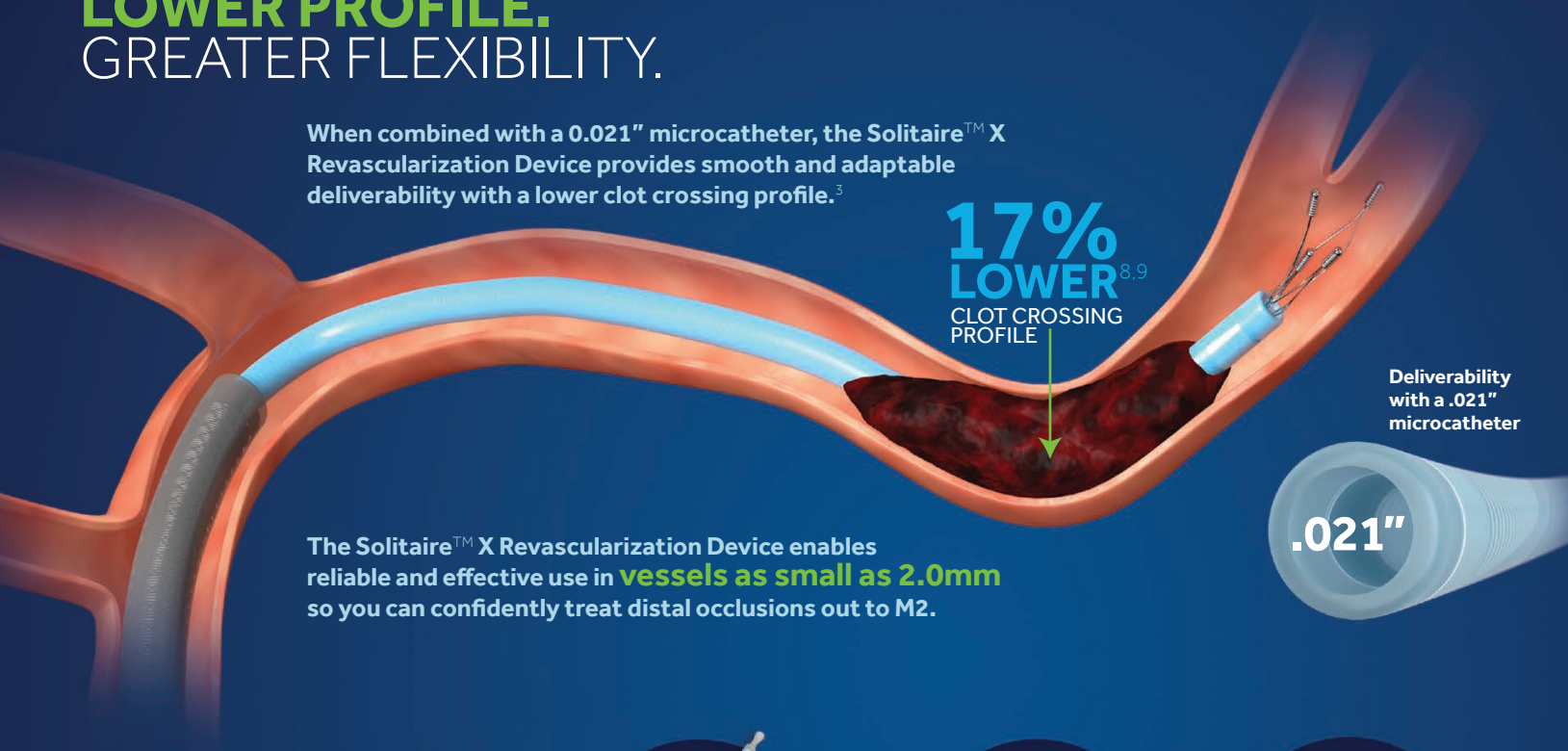
MORE TIME FOR OPPORTUNITY. MORE OPTIONS TO TREAT.

The Solitaire™ X Revascularization Device is now indicated for treatment of large vessel occlusions from ICA to M1 within 6-16 hrs after symptom onset.[4] The indication expansion is based on a post-hoc analysis of the DEFUSE 3 study in which Solitaire™ was one of the endovascular therapy devices studied.

WAKE UP STROKE UP TO 16 HOURS

LOWER PROFILE.
GREATER FLEXIBILITY.

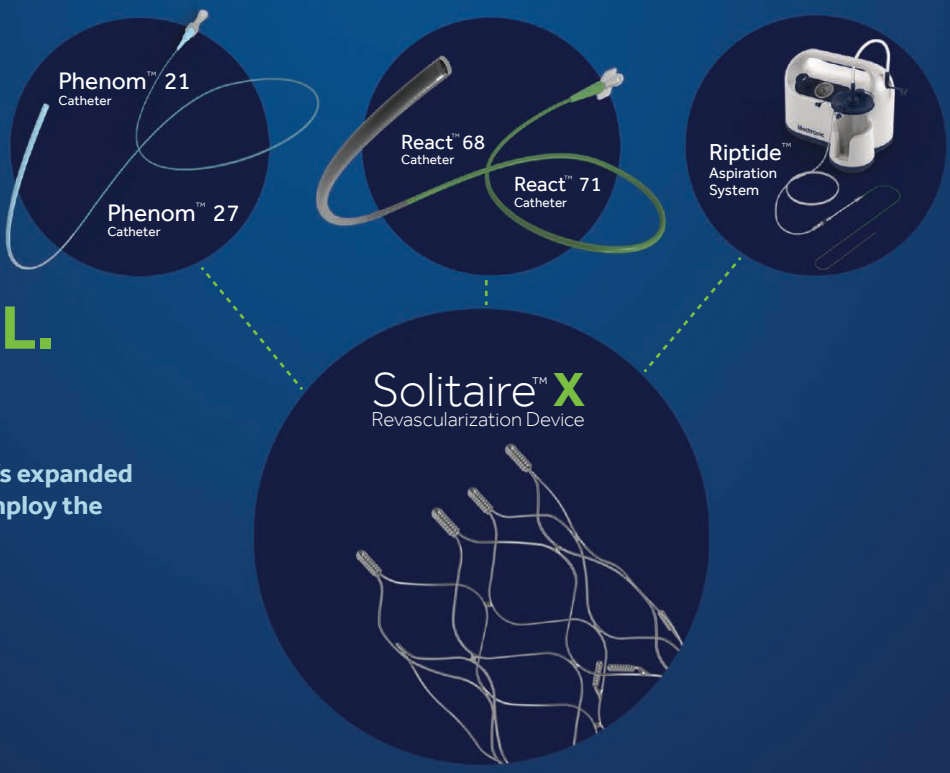
When combined with a 0.021" microcatheter, the Solitaire™ X Revascularization Device provides smooth and adaptable deliverability with a lower clot crossing profile.[3]

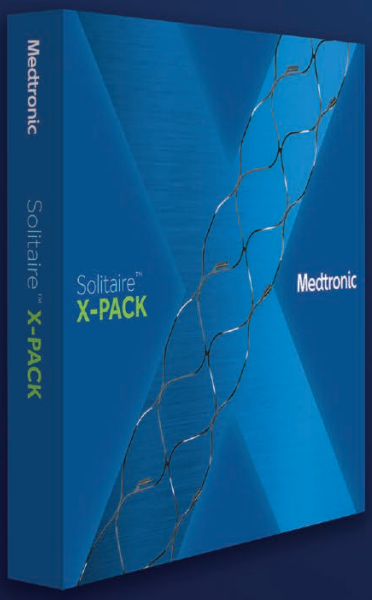


The Solitaire™ X Revascularization Device enables reliable and effective use in vessels as small as 2.0mm so you can confidently treat distal occlusions out to M2.

MORE OPTIONS.
BETTER CONTROL.

The Solitaire™ X Revascularization Device's expanded compatibility gives you the flexibility to employ the optimal technology for each procedure.[3,4]





SOLITAIRE™ X-PACK

The essential kit. Streamlined. A comprehensive stroke solution available in a single package. Available in two simplified options.

2 PACK
- Solitaire™ X Revascularization Device
- Phenom™ 21/27 Catheter

3 PACK
- Solitaire™ X Revascularization Device
- Phenom™ 21/27 Catheter
- React™ 68/71 Catheter

PROVEN FEATURES.

Complete Visualization + Coverage from M2 to ICA[5,11]

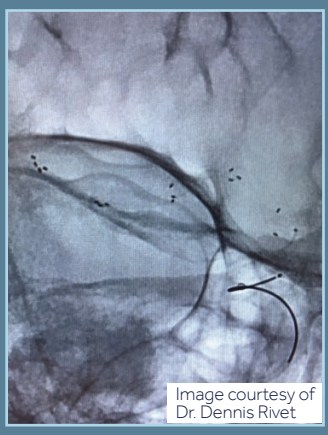
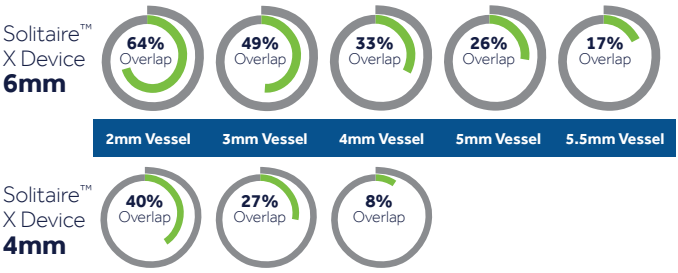
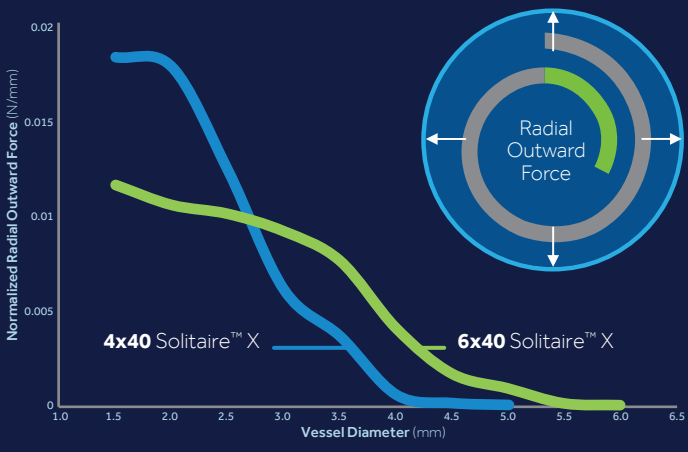


Image courtesy of Dr. Dennis Rivet

PARAMETRIC DESIGN
DYNAMIC CLOT INTEGRATION[6,11]



DIFFERENTIATED
RADIAL OUTWARD FORCE[7,11]



Solitaire™ X
Revascularization Device

Solitaire™ X Revascularization Device

A DIFFERENCE
YOU CAN FEEL[1]
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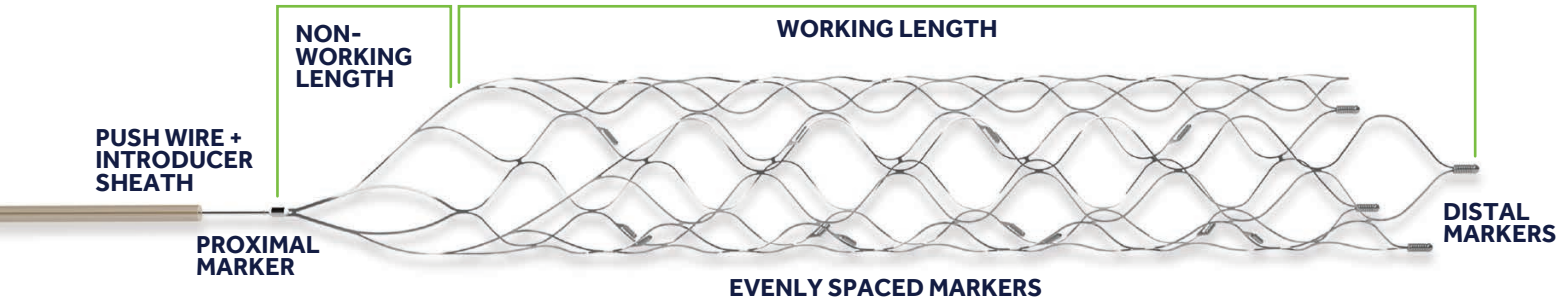

SOLITAIRE™ X REVASCULARIZATION DEVICE ORDERING INFORMATION[4]

Model	Recommended Vessel Diameter[A] (mm)		Minimum Microcatheter ID (inch)		Push Wire Length	Stent Diameter	Usable Length[B]	Stent Length	Length from Distal Tip to Flourosafe Marker	Radiopaque Markers		Radiopaque Stent Markers Spacing
	(min)	(max)	(min)	(max)	(cm)	(mm)	(mm)	(mm)	(cm)	Distal	Prox.	(mm)
SFR4-4-20-05	2.0	4.0	0.021	0.027	200	4.0	20.0	31.0	<130	3	1	5
SFR4-4-20-10	2.0	4.0	0.021	0.027	200	4.0	20.0	31.0	<130	3	1	10
SFR4-4-40-10	2.0	4.0	0.021	0.027	200	4.0	40.0	50.0	<130	3	1	10
SFR4-6-20-10	2.0	5.5	0.021	0.027	200	6.0	20.0	31.0	<130	4	1	10
SFR4-6-24-06	2.0	5.5	0.021	0.027	200	6.0	24.0	37.0	<130	4	1	6
SFR4-6-40-10	2.0	5.5	0.021	0.027	200	6.0	40.0	47.0	<130	4	1	10

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.

Up to 3 retrieval passes[4]

1. TR-NV16168 Rev A; **2.** TR-NV12692 Rev A; **3.** Compared to Solitaire™ Platinum; **4.** 71042-001 Rev B; **5.** Umansky, F. et al. Microsurgical anatomy of the proximal segments of the middle cerebral artery; **6.** TR-NV13807 Rev A; **7.** TR-NV12180 Rev A; **8.** DWGSFG13XXX-YYyy-Zz Rev B; **9.** DWGSFG15XXX-YYyy-Zz Rev B; **10.** Solitaire™ FR Received CE Marking 2009; **11.** TR-NV15666A Rev A; **12.** Phenom 21 Catheter; **13.** STRATIS, SWIFT PRIME, ESCAPE, Nasa Registry, THRACE, MR CLEAN, STAR, EXTEND IA, HERMES, SEER, REVASCAT, DEFUSE 3, Note: The Solitaire™ X Revascularization Device was not evaluated in these studies.

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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 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.

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

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

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 8 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.