

ADVANTAGES OF SIMPLIFIED
PERIPHERAL LESION ACCESS

D.N.A. solution



Destination[™]
Guiding Sheath



NaviCross[™]
Support Catheter



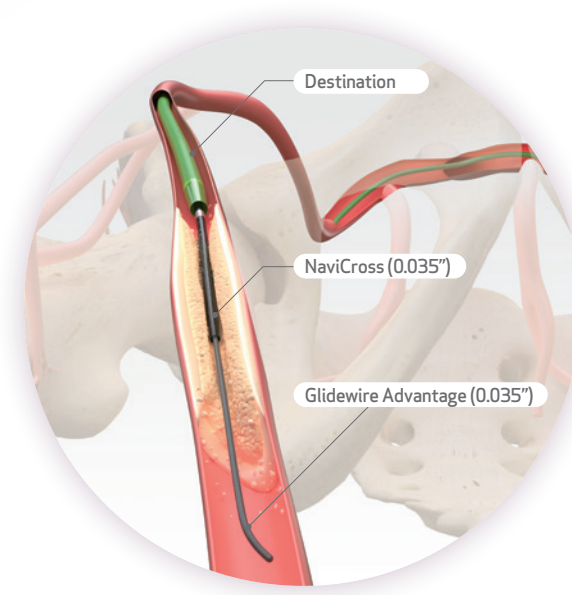
Glidewire Advantage[™]
Guide Wire

D. N. A. solution realizes simple and effective procedures for better peripheral therapeutic lesion access

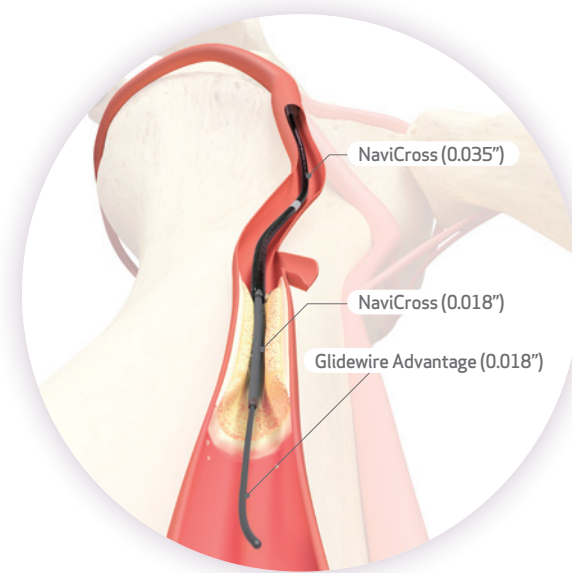
D. N. A. solution, the combined use of Terumo's endovascular access devices, Destination guiding sheath, NaviCross support catheter, and Glidewire Advantage guidewire, will improve the performance of telescoping technique and reduce the need for multiple device exchanges, minimizing physician's stress.



SFA

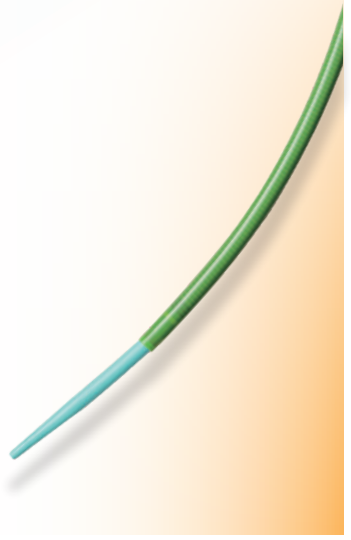


BTK



Destination
Guiding Sheath

Consistent reliability ensures smooth access to your destination.




NaviCross
Support Catheter

Confident navigation facilitates lesion access even in complex cases.

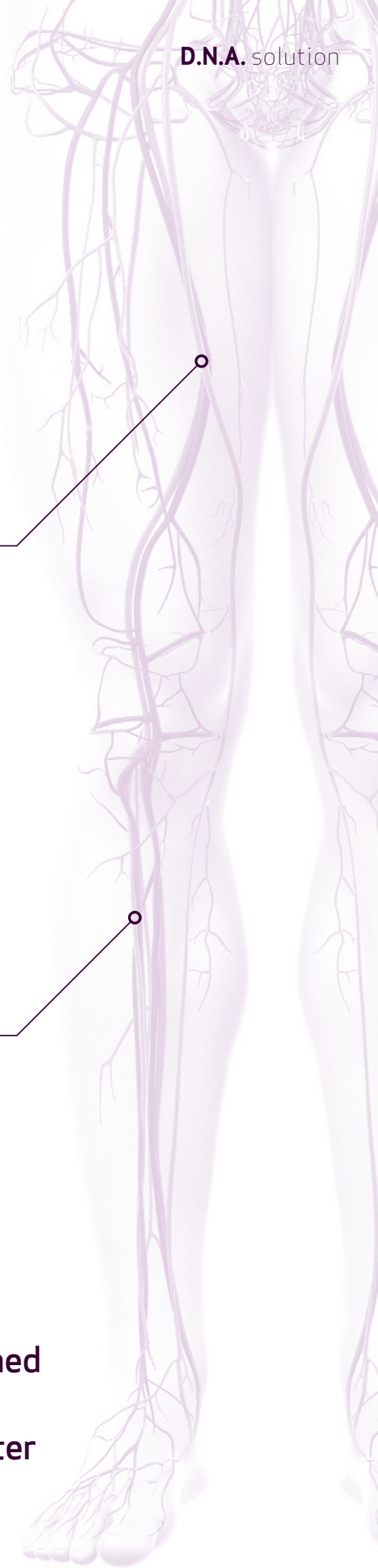


Glidewire Advantage
Guide Wire

Stable performance provides advantage.



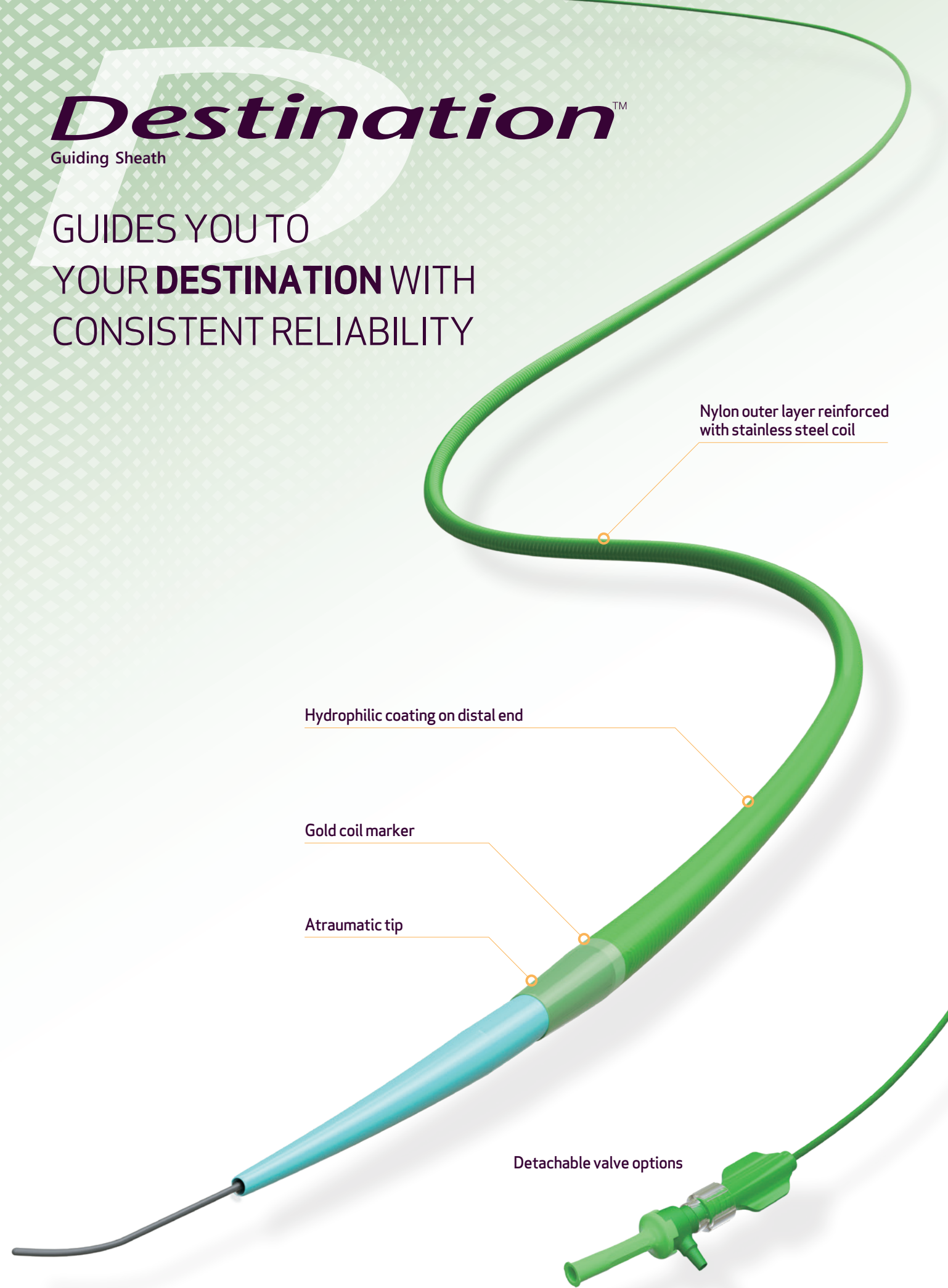
Telescoping technique with the combined use of D. N. A. increases device support and pushability, which may provide better crossability even in complex cases.



Destination™

Guiding Sheath

GUIDES YOU TO
YOUR **DESTINATION** WITH
CONSISTENT RELIABILITY



Nylon outer layer reinforced with stainless steel coil

Hydrophilic coating on distal end

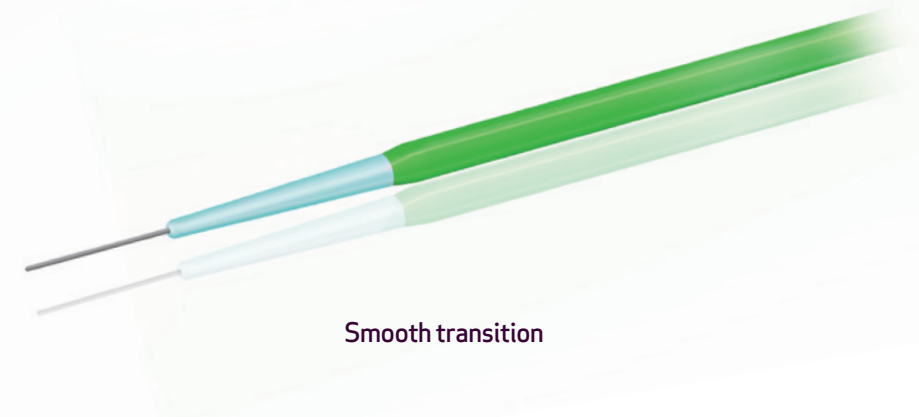
Gold coil marker

Atraumatic tip

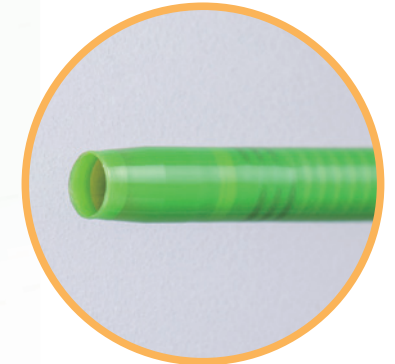
Detachable valve options

Safe vessel access¹

Atraumatic tip and smooth transition minimize potential for vessel damage.



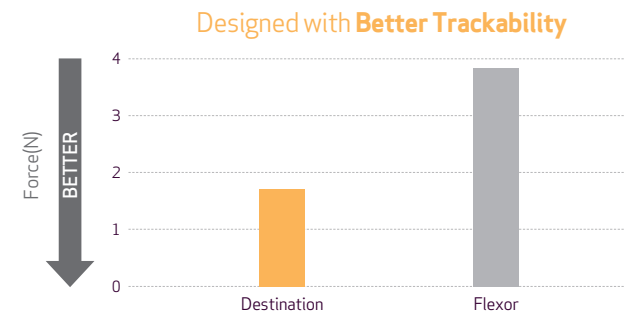
Smooth transition



Atraumatic tip

Smooth approach¹

Flexible shaft and hydrophilic coating on distal end enhance trackability.



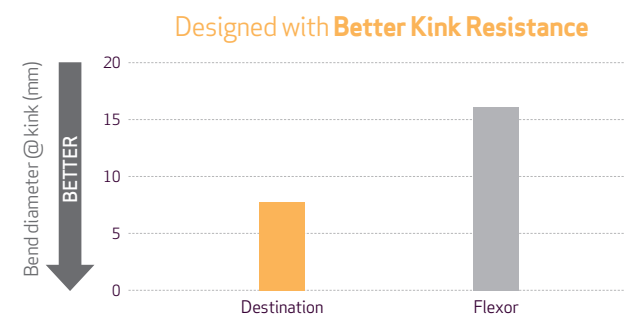
Test Protocol This test measured the force needed to advance the sheath through an acute bend.



Hydrophilic coating image

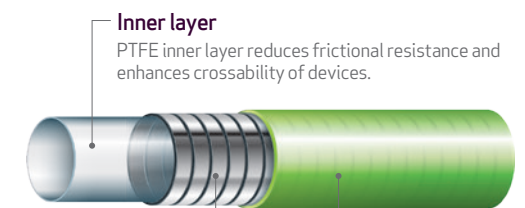
Stable device support¹

Coil reinforced tubing and PTFE inner layer minimize friction. Stainless steel coil maintains the lumen even in tortuous vessels.



Test Protocol This test measured the bend diameter just before the sheath kinked.

Three-layered shaft for simple and reliable device operation¹



Inner layer
PTFE inner layer reduces frictional resistance and enhances crossability of devices.

Stainless coil
Catheter reinforced by stainless steel coil maintains the lumen even in flexural area.

Outer layer
Nylon outer layer enables shaft flexibility.

NaviCross™

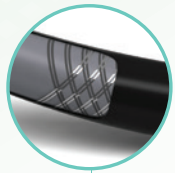
Support Catheter

NAVIGATE
COMPLEX PROCEDURES
WITH CONFIDENCE

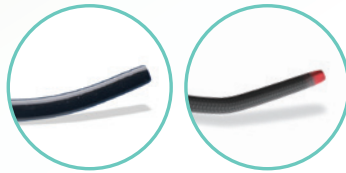
NaviCross 0.035" catheter
Reliable support for crossing lesion

NaviCross 0.018" catheter
More distal, more complex

Double-braided stainless steel
Engineered for optimal pushability and torque control for lesion crossing¹

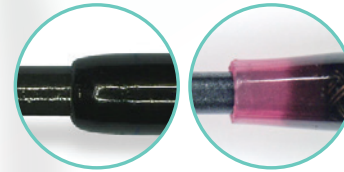


Straight and angled tips
Tips allow access to vascular branches, including BTK collaterals¹



Telescoping capability
NaviCross 0.018" is designed to telescope through NaviCross 0.035"¹

Tapered tip
Provides seamless guidewire-to-catheter transition, facilitating lesion access and crossing¹

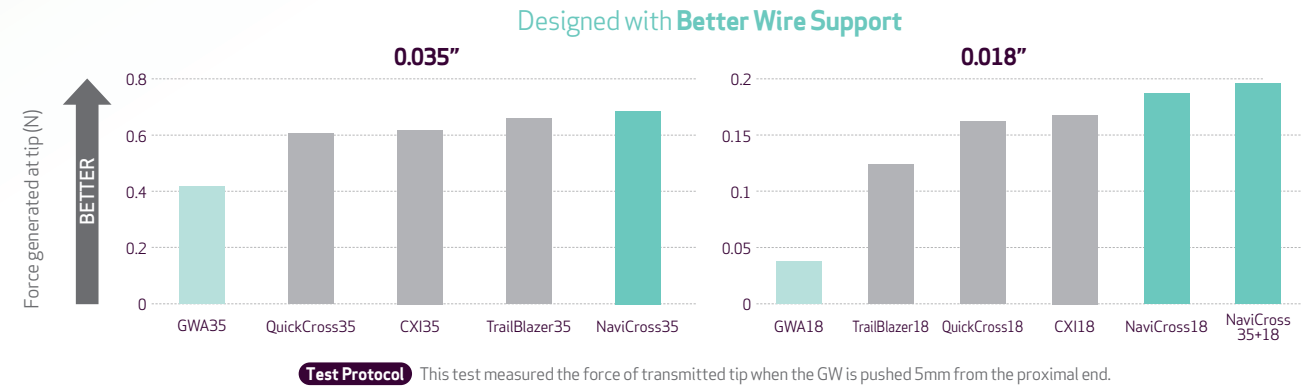


Three radiopaque markers¹

- Markers facilitate accurate assessment of position
- Unique spacing provides easy measurement of common stent and balloon sizes
- Initial marker is 1 mm from distal tip; 40 mm and 60 mm spacing

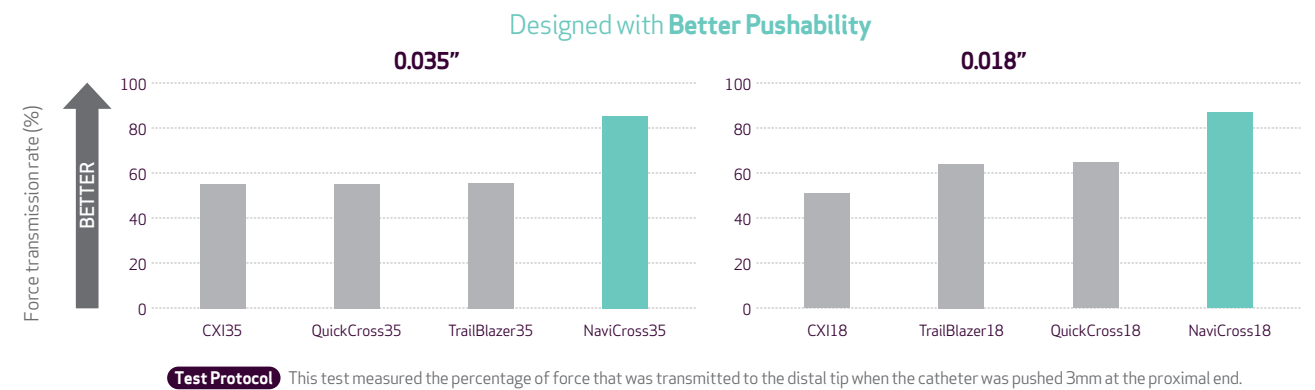
Robust wire support¹

Smooth guidewire-to-catheter transition provides increased wire support, which may increase lesion crossability.



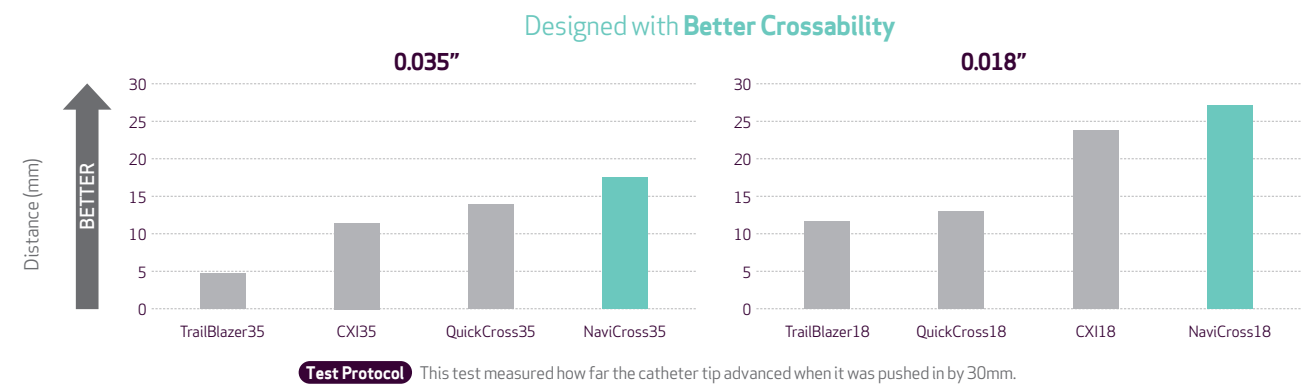
Strong pushability¹

Double-braided stainless steel design runs the length of the device, giving optimal column strength without the disadvantage of distal to proximal tapering.



Great crossability¹

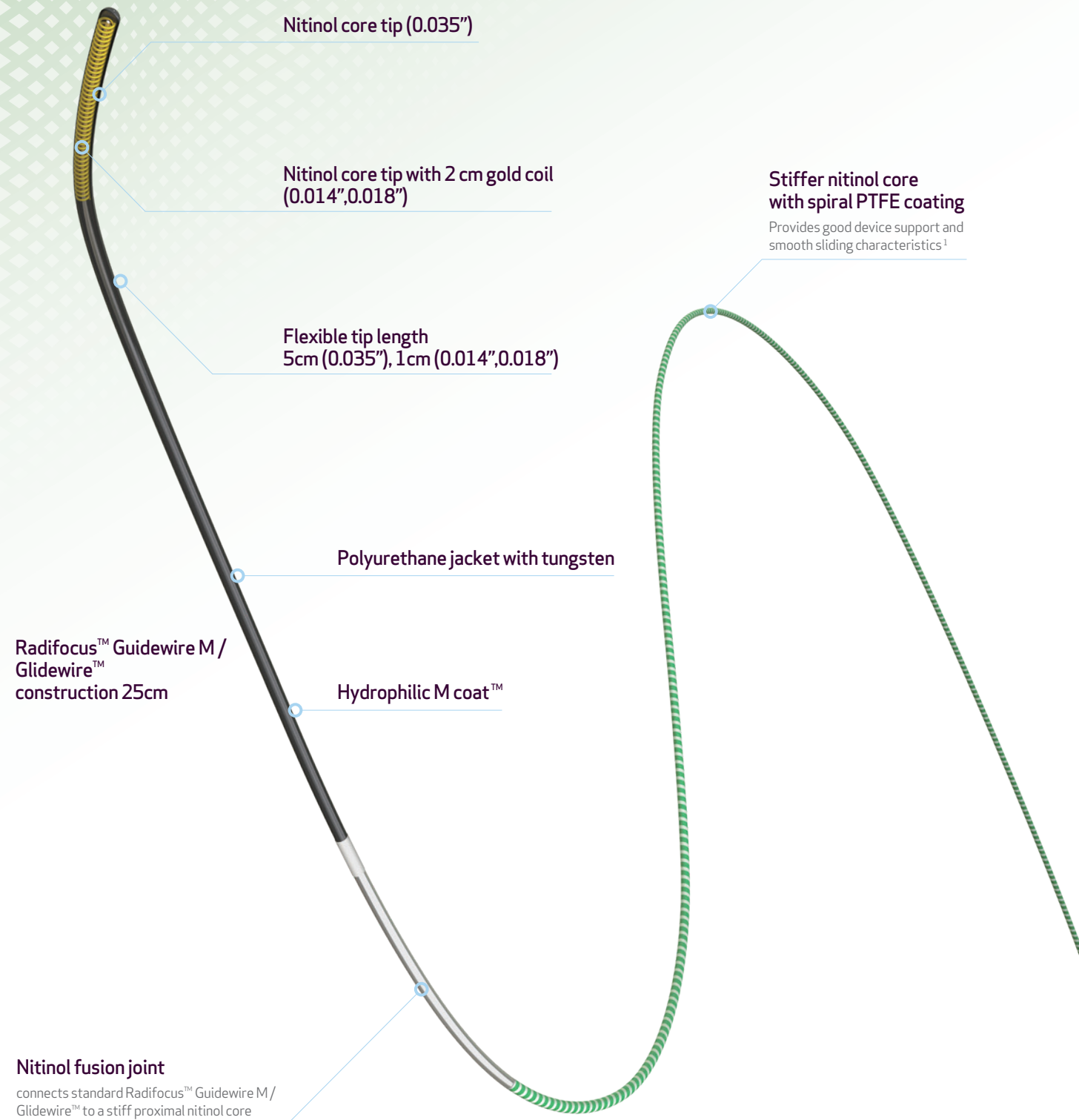
Hydrophilic coating and tapered distal tip provide better crossability in simple or complex lesions.



Glidewire Advantage™

Guide Wire

OFFERS YOU AN **ADVANTAGE** FROM ACCESS TO TREATMENT



High durability¹

Shape retention capability of nitinol core provides high durability.

	GWA 0.014"	GWA 0.018"
Before		
After		

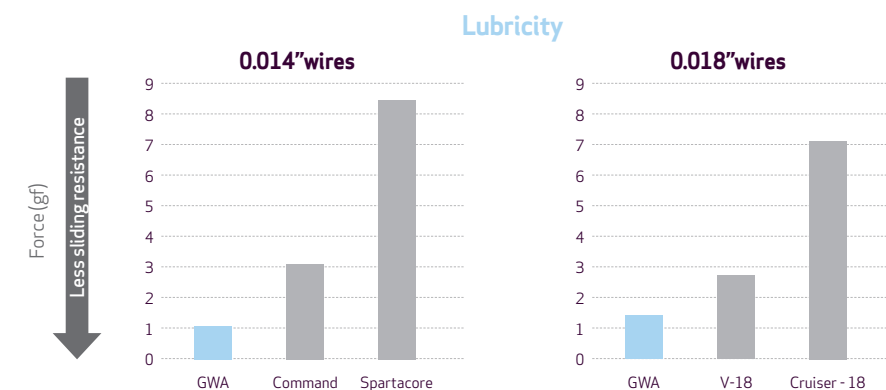
Test Protocol This test evaluated the distal tip of the guidewire after turning and bending it.



Nitinol core

Great crossability¹

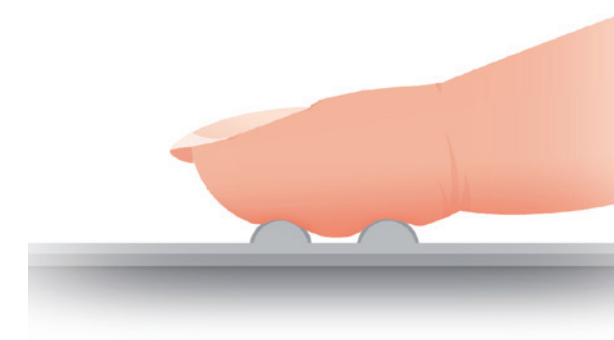
Optimal lubricity design in the first 25cm distal portion of the wire leads to great crossability.



Test Protocol Measure the sliding resistance of hydrophilic coating of each guidewire

Improved steerability¹

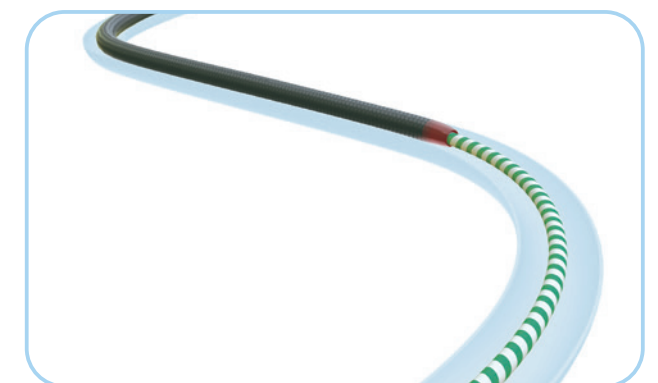
The spiral PTFE structure acts as a grip for better handling and navigational control.



Outside shaft grip

Stable device support¹

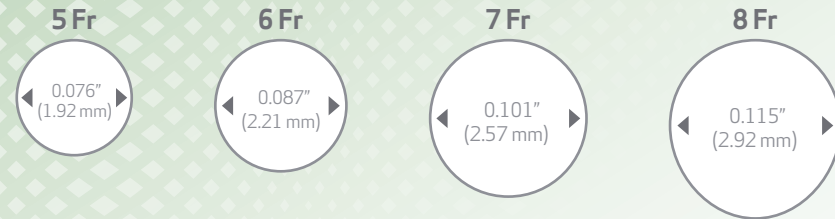
A stiff proximal core provides device support even in complex anatomies.



Stiff proximal nitinol core

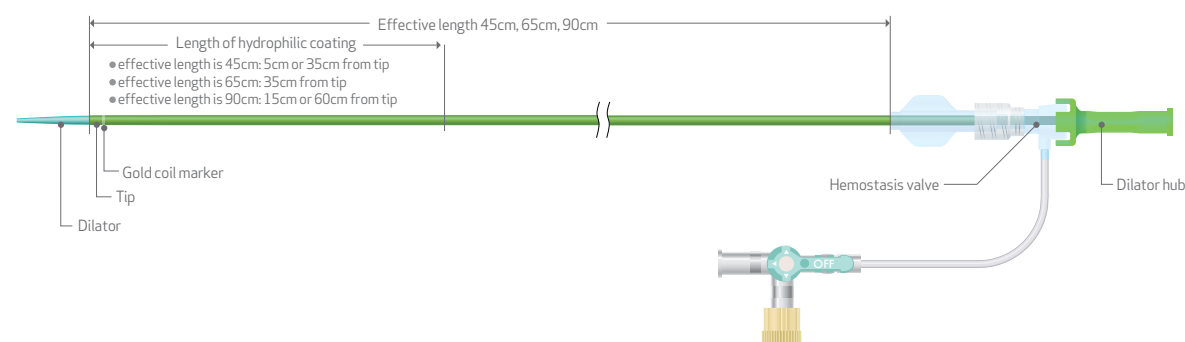
Technical Specifications

Destination[™] Guiding Sheath



Packed 1 per box and includes dilator. All dilators are 0.038" wire compatible.

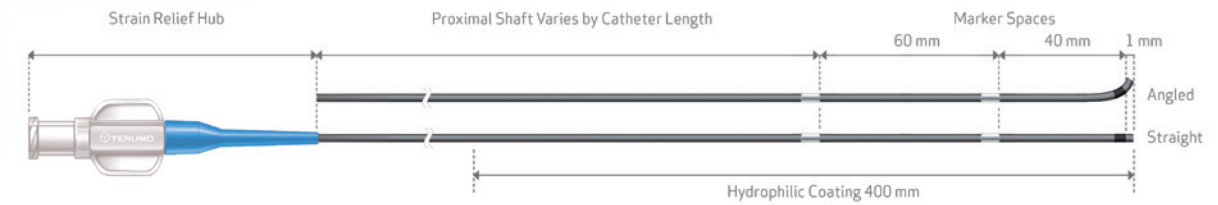
FRENCH SIZE	PRODUCT CODE	LENGTH (cm)	HYDROPHILIC COATING LENGTH (cm)	VALVE TYPE	CURVE STYLE	CURVE SHAPE
5 Fr	54-54501	45	35	Cross-Cut	Straight	
	54-54502	45	5	Cross-Cut	Hockey Stick	
	54-54503	45	5	Cross-Cut	Multi-Purpose	
	54-54504	45	5	Cross-Cut	RDC	
6 Fr	54-64501	45	35	Cross-Cut	Straight	
	54-64506	45	35	Tuohy-Borst	Straight	
	RSR01	45	5	Cross-Cut	Straight	
	RSR02	45	5	Cross-Cut	Hockey Stick	
	RSR03	45	5	Cross-Cut	Multi-Purpose	
	RSR07	45	5	Tuohy-Borst	Straight	
	RSR08	45	5	Tuohy-Borst	Hockey Stick	
	RSR09	45	5	Tuohy-Borst	Multi-Purpose	
	RSR13	45	5	Cross-Cut	RDC	
	RSR14	45	5	Cross-Cut	LIMA	
	RSR17	45	5	Tuohy-Borst	RDC	
	RSR18	45	5	Tuohy-Borst	LIMA	
	RSP01	65	35	Cross-Cut	Straight	
	RSP03	65	35	Tuohy-Borst	Straight	
RSC01	90	15	Tuohy-Borst	Straight		
RSC03	90	15	Tuohy-Borst	Multi-Purpose		
RSC05	90	15	Cross-Cut	Straight		
RSC07	90	15	Cross-Cut	Multi-Purpose		
7 Fr	54-74501	45	35	Cross-Cut	Straight	
	54-74506	45	35	Tuohy-Borst	Straight	
	RSR04	45	5	Cross-Cut	Straight	
	RSR05	45	5	Cross-Cut	Hockey Stick	
	RSR06	45	5	Cross-Cut	Multi-Purpose	
	RSR10	45	5	Tuohy-Borst	Straight	
	RSR11	45	5	Tuohy-Borst	Hockey Stick	
	RSR12	45	5	Tuohy-Borst	Multi-Purpose	
	RSR15	45	5	Cross-Cut	RDC	
	RSR16	45	5	Cross-Cut	LIMA	
	RSR19	45	5	Tuohy-Borst	RDC	
	RSR20	45	5	Tuohy-Borst	LIMA	
	RSP02	65	35	Cross-Cut	Straight	
	RSP04	65	35	Tuohy-Borst	Straight	
RSC02	90	15	Tuohy-Borst	Straight		
RSC04	90	15	Tuohy-Borst	Multi-Purpose		
RSC06	90	15	Cross-Cut	Straight		
RSC08	90	15	Cross-Cut	Multi-Purpose		
8 Fr	54-84501	45	35	Cross-Cut	Straight	
	54-84506	45	35	Tuohy-Borst	Straight	
	54-86501	65	35	Cross-Cut	Straight	
	54-86506	65	35	Tuohy-Borst	Straight	
	54-89001	90	60	Cross-Cut	Straight	
	54-89006	90	60	Tuohy-Borst	Straight	



NaviCross[™] Support Catheter

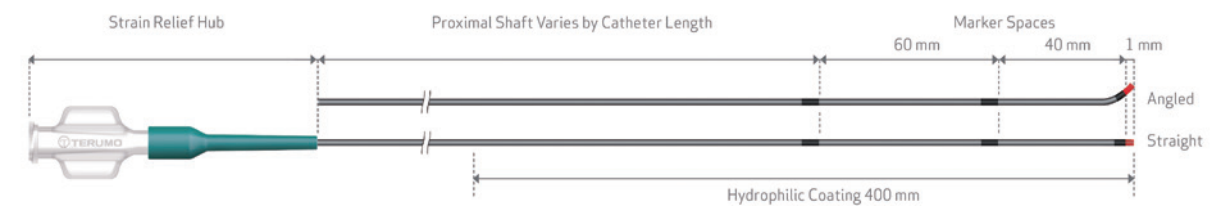
0.035" Support Catheter

PRODUCT CODE	WIRE COMPATIBILITY	CATHETER LENGTH	TIP SHAPE
WS*NS350G3HM	0.035"	65 cm	Straight
WS*NA350G3HM	0.035"	65 cm	Angle
WS*NS35093HM	0.035"	90 cm	Straight
WS*NA35093HM	0.035"	90 cm	Angle
WS*NS350N3HM	0.035"	135 cm	Straight
WS*NA350N3HM	0.035"	135 cm	Angle
WS*NS35153HM	0.035"	150 cm	Straight
WS*NA35153HM	0.035"	150 cm	Angle



0.018" Support Catheter

PRODUCT CODE	WIRE COMPATIBILITY	CATHETER LENGTH	TIP SHAPE
PN*NS180G3HM	0.018"	65 cm	Straight
PN*NA180G3HM	0.018"	65 cm	Angle
PN*NS18093HM	0.018"	90 cm	Straight
PN*NA18093HM	0.018"	90 cm	Angle
PN*NS180N3HM	0.018"	135 cm	Straight
PN*NA180N3HM	0.018"	135 cm	Angle
PN*NS18153HM	0.018"	150 cm	Straight
PN*NA18153HM	0.018"	150 cm	Angle



Glidewire Advantage[™] Guide Wire

PRODUCT CODE	DIAMETER	TOTAL LENGTH	DISTAL HYDROPHILIC COATING	FLEXIBLE TIP LENGTH	TIP SHAPE
RA*FA14181CM	0.014"	180 cm	25 cm	1 cm	Angle
RA*FA14301CM	0.014"	300 cm	25 cm	1 cm	Angle
RA*FA18181CM	0.018"	180 cm	25 cm	1 cm	Angle
RA*FA18301CM	0.018"	300 cm	25 cm	1 cm	Angle
RA*CA35185CM	0.035"	180 cm	25 cm	5 cm	Angle
RA*CA35265CM	0.035"	260 cm	25 cm	5 cm	Angle

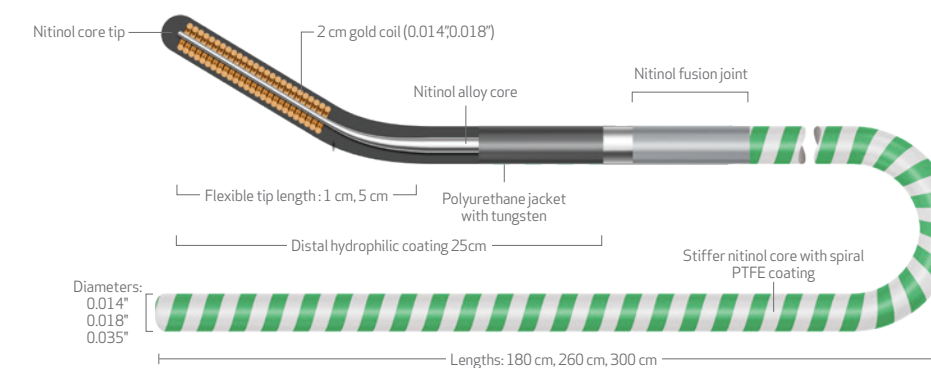
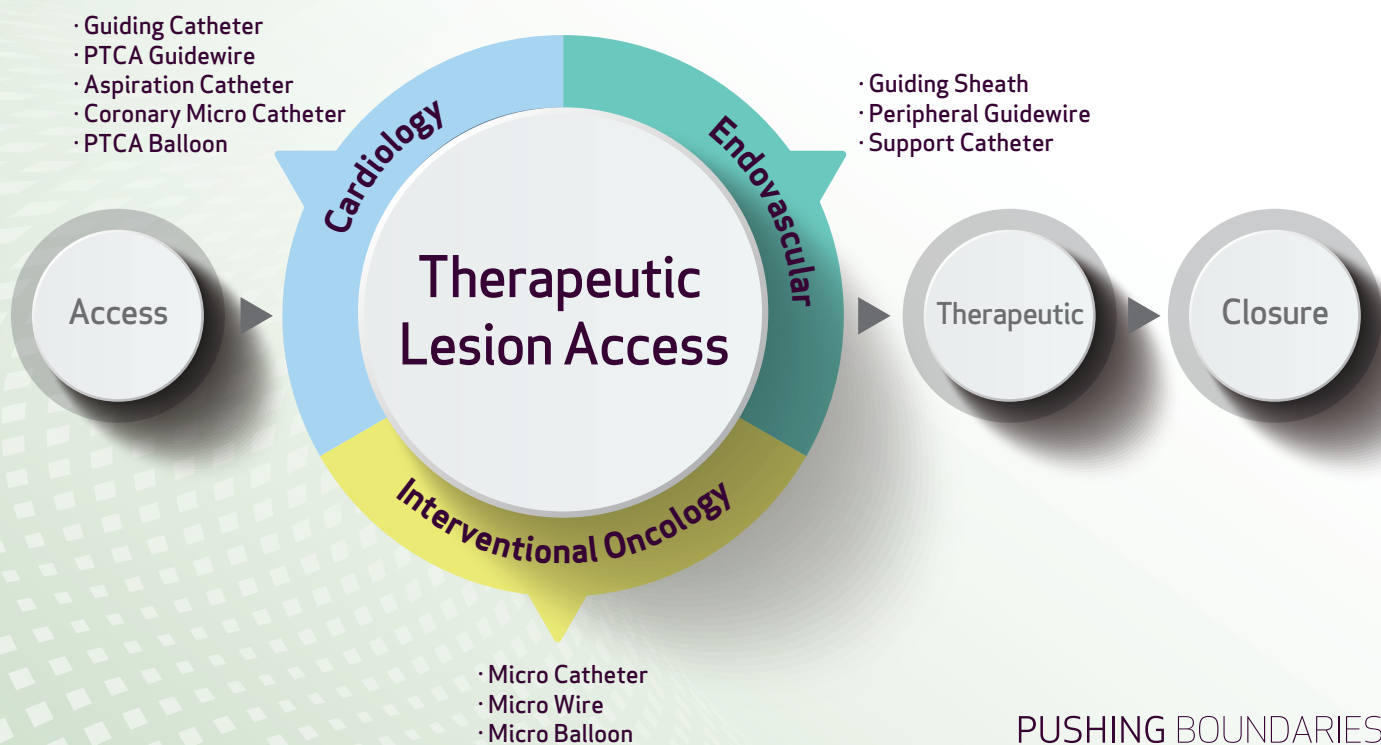


Illustration not to scale.

Reliability Made Simple

Accessing and targeting the lesion, intervening and successfully closing the access vessel is an everyday focus in interventional procedures. High quality devices that consistently deliver predictable performance are expected. At Terumo Interventional Systems, we offer therapeutic lesion access products that are precision engineered to deliver on quality and reliability. We offer multiple options which provide a level of trust, simplicity and confidence that allows you to focus on a successful procedural outcome.



PUSHING BOUNDARIES

