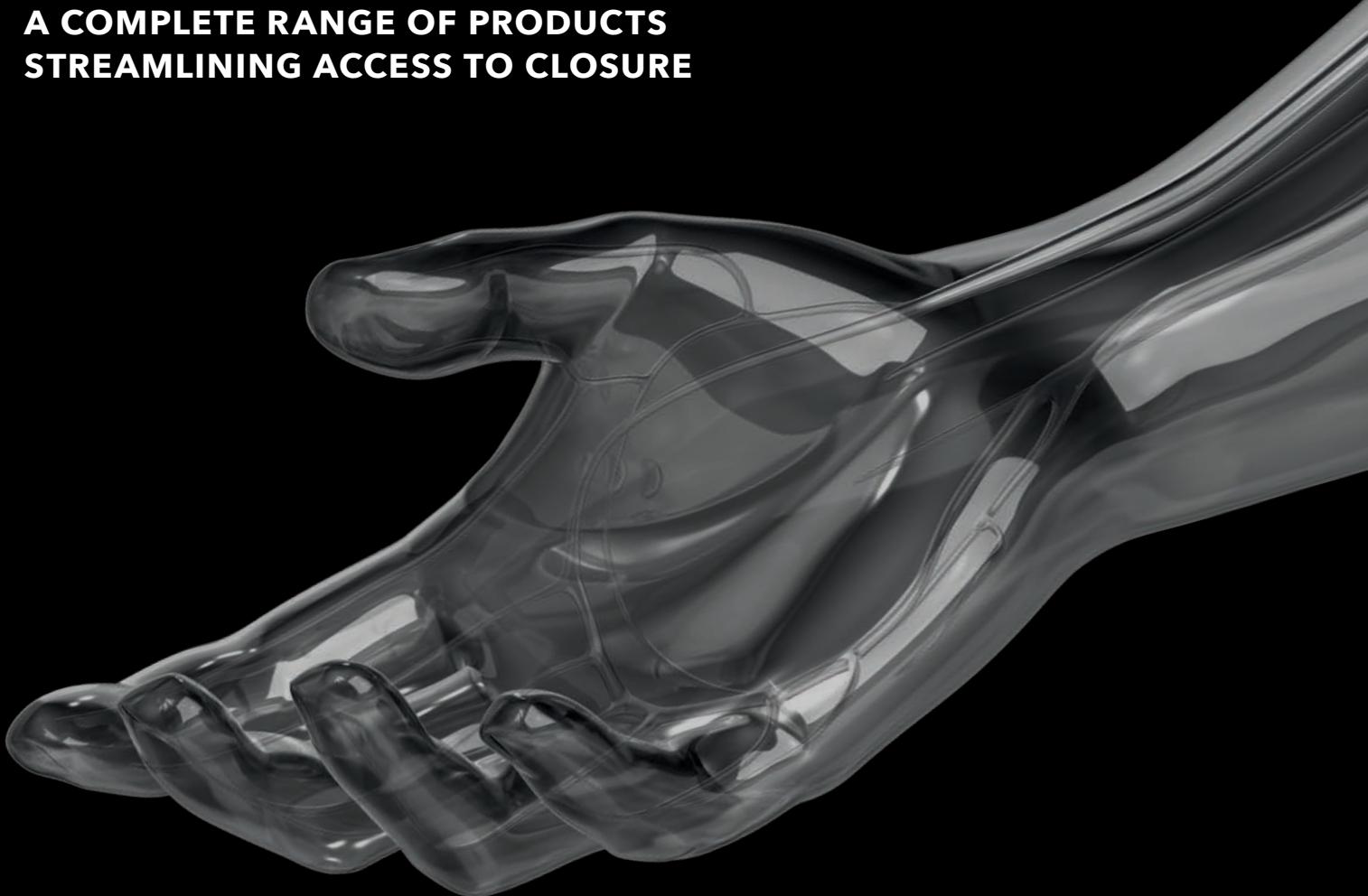


ADVANCING RADIAL SOLUTIONS

A COMPLETE RANGE OF PRODUCTS
STREAMLINING ACCESS TO CLOSURE





A COMPLETE PORTFOLIO OF ADVANCED, INTEGRATED SOLUTIONS FOR EVERY STEP OF THE PROCEDURE - FROM ACCESS TO CLOSURE

ACCESS



RAIN Sheath™
Transradial Thin-walled Introducer



BRITE TIP RADIANZ™
Guiding Sheath

DIAGNOSE



INFINITI™
Diagnostic Catheters

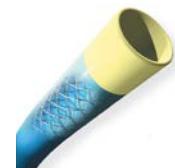


SUPER TORQUE™ Plus
Diagnostic Catheters

INTERVENE



ADROIT™
Guiding Catheters



VISTA BRITE TIP™
Guiding Catheters

CLOSE

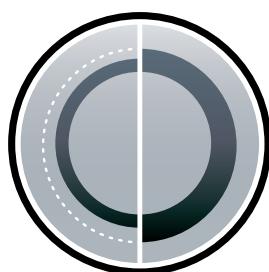


ZEPHYR™
Vascular Compression Band



RAIN SHEATH™ INTRODUCER

DESIGNED FOR SMOOTH INSERTION AND STABLE POSITIONING



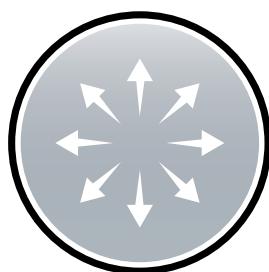
ULTRA-LOW-PROFILE DESIGN ►

The same "6F in a 5F" concept as other newer generation radial sheaths*



IN-VESSEL STABILITY ►

1 cm non-slip secure zone at proximal end of sheath designed to secure placement after insertion



PROPRIETARY KINK RECOVERY TECHNOLOGY™ ►

Elastomeric properties allow the RAIN Sheath™ Introducer to bend and flex to maintain lumen integrity

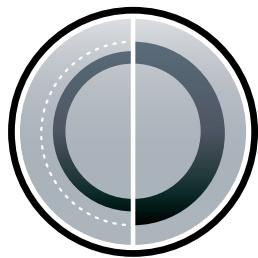


HEXACUSPID HEMOSTASIS VALVE ►

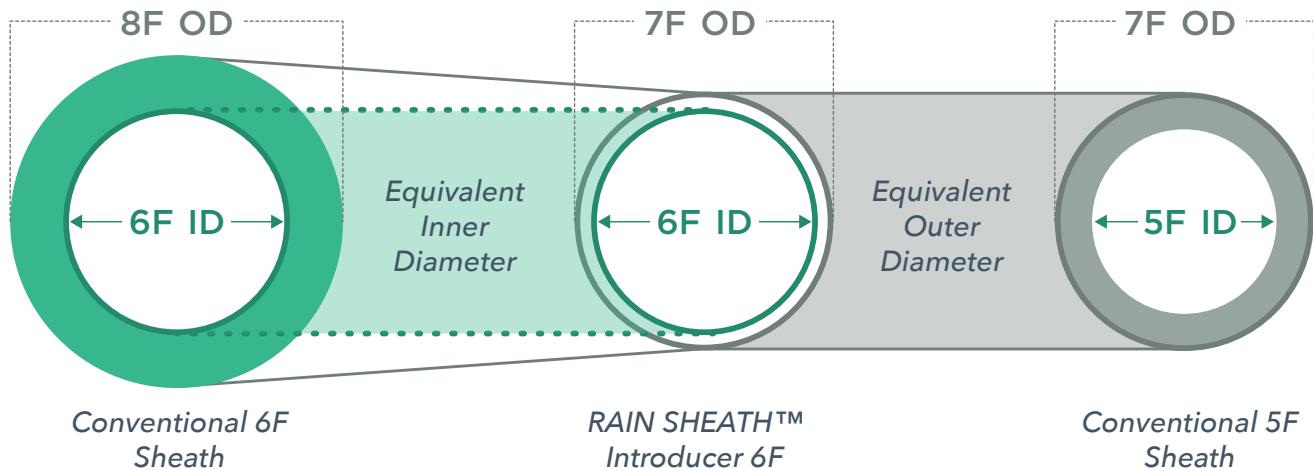
Designed to optimize device control while preserving hemostasis and reduce the risk of bleeding through the valve



* Outer diameter (OD) of the newer 6F sheath is the same as the older 5F sheath. This concept applies to RAIN Sheath Introducer in the following sizes: 4F, 5F, 6F, 7F. RAIN Sheath™ Introducer outer and inner diameters are equivalent to the outer and inner diameters of the latest generation transradial sheath introducers.



ACCESS: RAIN SHEATH™ INTRODUCER
ULTRA-LOW PROFILE DESIGN¹



Lower profile means same sheath ID with a smaller OD. "6F in 5F" means you are getting a 6F lumen operating area with a sheath OD that is the same OD as the conventional 5F.

LOW PROFILE WITH OPTIMAL GUIDE CATHETER SUPPORT

Available in 4F, 5F, 6F, 7F and 10 cm and 16 cm lengths

- Provides structure and stability without adding thickness
- Optimizes operating space while minimizing the access size
- Minimizes radial puncture size, a key factor in reducing vessel spasm and radial artery occlusion²

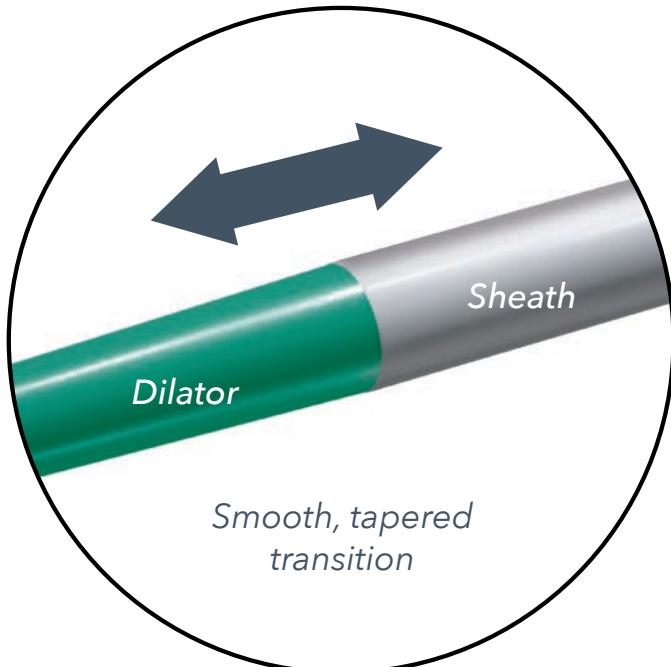


ACCESS: RAIN SHEATH™ INTRODUCER IN-VESSEL STABILITY

UNCOATED NON-SLIP ZONE

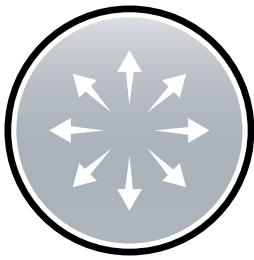
- 1 cm non-slip zone at proximal end of sheath designed to secure placement after insertion
- Anchored placement helps prevent the sheath from "Backing out" during procedures

1 CM NON-SLIP SECURE ZONE



OPTIMIZED TRANSITIONS

- Designed foratraumatic insertion
- Smooth transitions and tapered tip to reduce insertion force

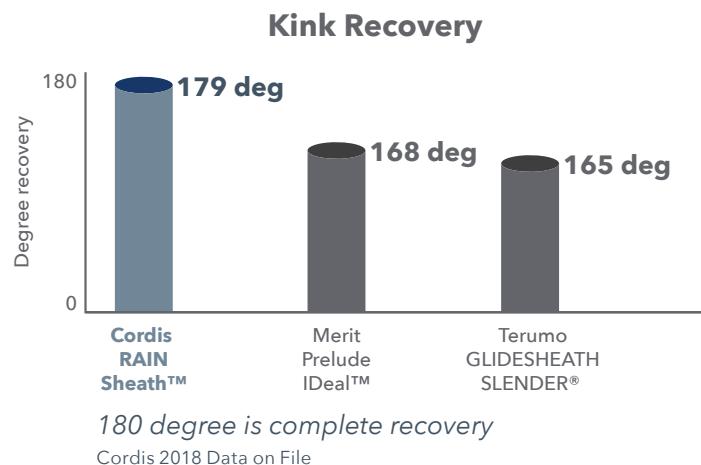


ACCESS: RAIN SHEATH™ INTRODUCER

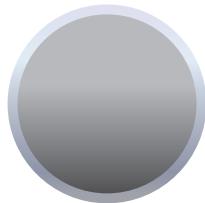
KINK RECOVERY TECHNOLOGY™

DESIGNED TO REDUCE THE RISK OF KINKING AND LIKELIHOOD OF ARTERIAL SPASM¹

- Elastomeric kink resist and recovery technology enables the RAIN Sheath™ Introducer to maintain itsatraumatic shape avoiding sharp edges that can injure the vessel wall.
- Kink recovery feature reduces the need to exchange sheaths mid-procedure



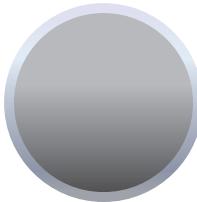
RAIN SHEATH™ INTRODUCER



INITIAL PROFILE
Catheter is smooth.

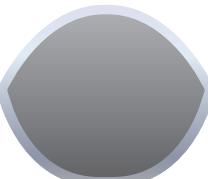
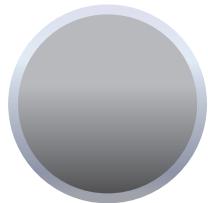


KINK OCCURS
Upon encountering a kink, the catheter is compressed.



In comparison to other leading brands, RAIN SHEATH™ Transradial Introducer is designed with unique elastomeric material properties which help reducing the impact of kinking - avoiding the sharp edges that can injure the vessel wall and contribute to complications (see chart above).

OTHER LEADING BRANDS

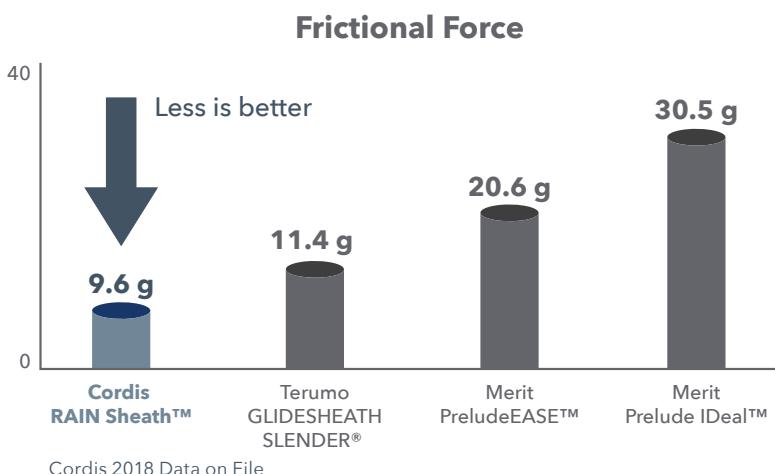




ACCESS: **RAIN SHEATH™ INTRODUCER**
HYDROPHILIC COATING¹

MAXIMUM LUBRICITY AND DURABILITY

- Lubricious hydrophilic coating designed to reduce the risk of radial spasm
- Hydrophilic coating facilitates smooth insertion and removal



HEXACUSPID HEMOSTASIS VALVE¹

DESIGNED TO MINIMIZE BLEEDBACK

- Designed to optimize device control while preserving hemostasis
- Optimizes sealing, helping to minimize blood loss





ACCESS: RAIN SHEATH™ INTRODUCER NEEDLES

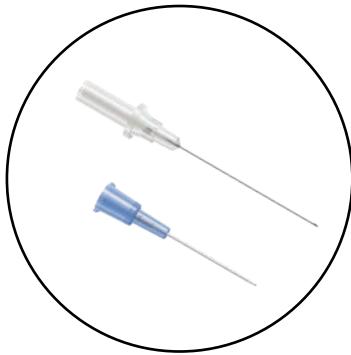
3 TYPES OF NEEDLES

Cordis offers a variety of needles designed for radial access. Options include a 21G metallic needle for anterior wall puncture methods, and two sizes of IV catheter needles for double-wall puncture.



21G METALLIC NEEDLE

- Reduced insertion force*
- Echogenic surface
- Bevel indicator
- 21G x 4.0 cm length



22G IV CATHETER

- Double-wall puncture method
- Translucent hub to visualize bleedback
- 22G x 2.5 cm length
- No bevel indicator



20G IV CATHETER

- Double-wall puncture method
- Translucent hub to visualize bleedback
- 20G x 3.2 cm length
- No bevel indicator

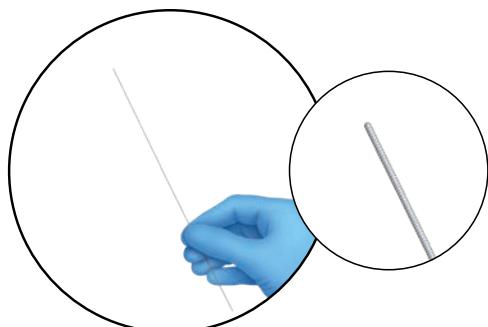
* Bench testing results compared to competitive 21G metallic needles (Merit, Terumo, Cook).



ACCESS: RAIN SHEATH™ INTRODUCER **MINI-WIRES**

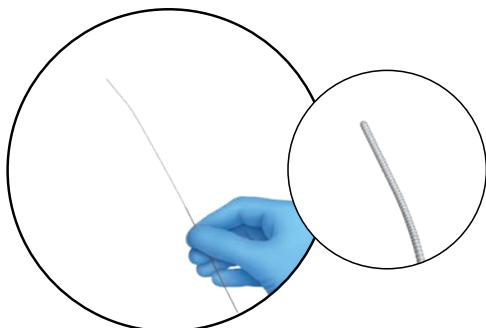
3 TYPES OF MINI-WIRES

Cordis offers a wide range of shapes and wire configurations, to accommodate various needle types and user preferences.



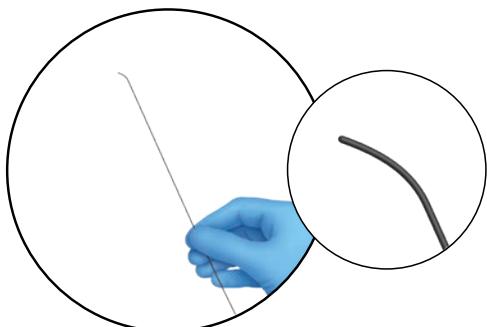
STAINLESS STEEL WIRE

- Flex Straight tip
- 0.021" diameter x 45 cm length
- For use with 21G metallic needles



NITINOL WIRE

- Floppy tip
- Bare wire: For use with 21G metallic needles, 0.021" diameter x 43 cm length

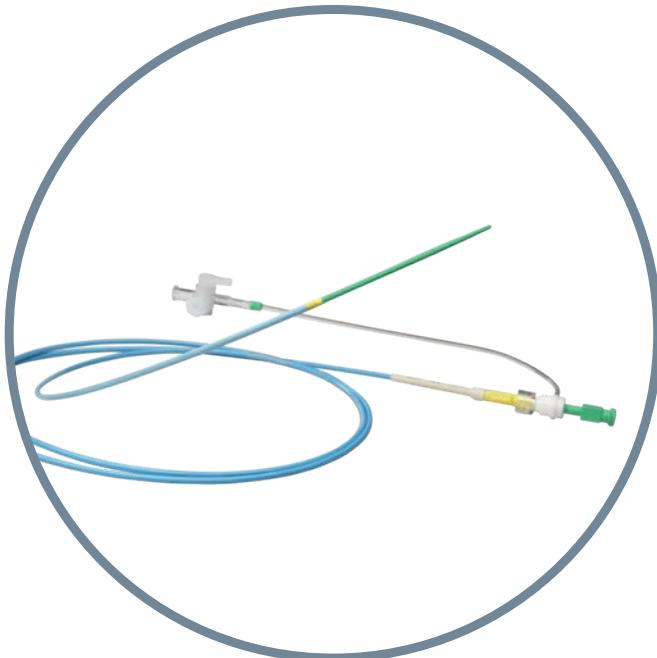


POLYMER WIRE

- Shortangle tip
- 0.021" diameter x 45 cm length
- For use with 20G and 22G IV Catheter needles

ACCESS

BRITE TIP RADIANT™ GUIDING SHEATH



BRITE TIP RADIANT™ GUIDING SHEATH

The first multi-segmented thin-walled guiding sheath specifically designed to access lesions in radial peripheral procedures.



Designed for Radial

- Thin-walled sheath optimizes the operating space while minimizing the puncture size
- 110 and 135 cm catheter lengths allow for access to lesions in the peripheral vasculature
- Silicone-coated vessel dilator decreases friction and provides lubricity



Crafted for Safety

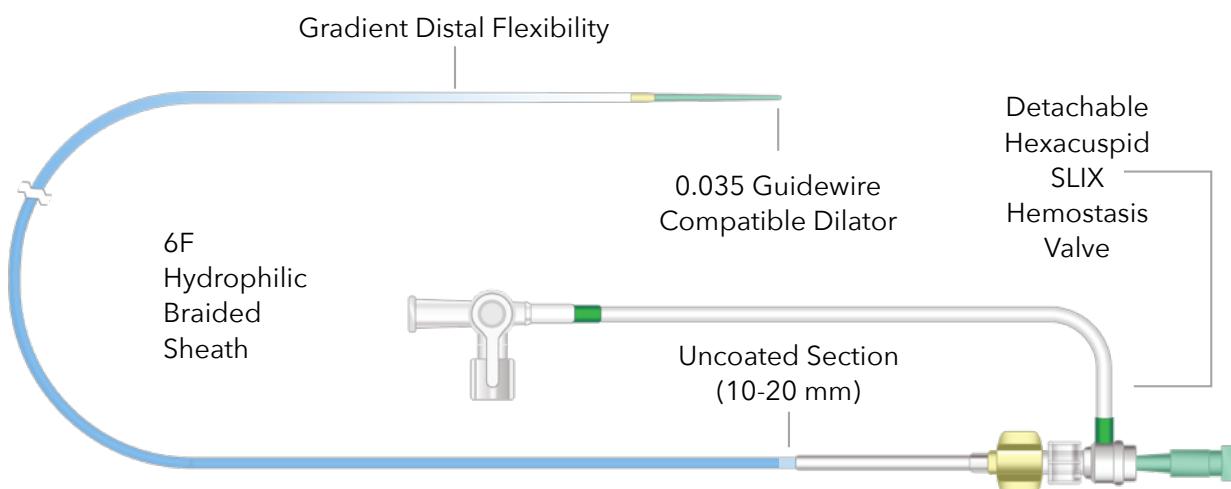
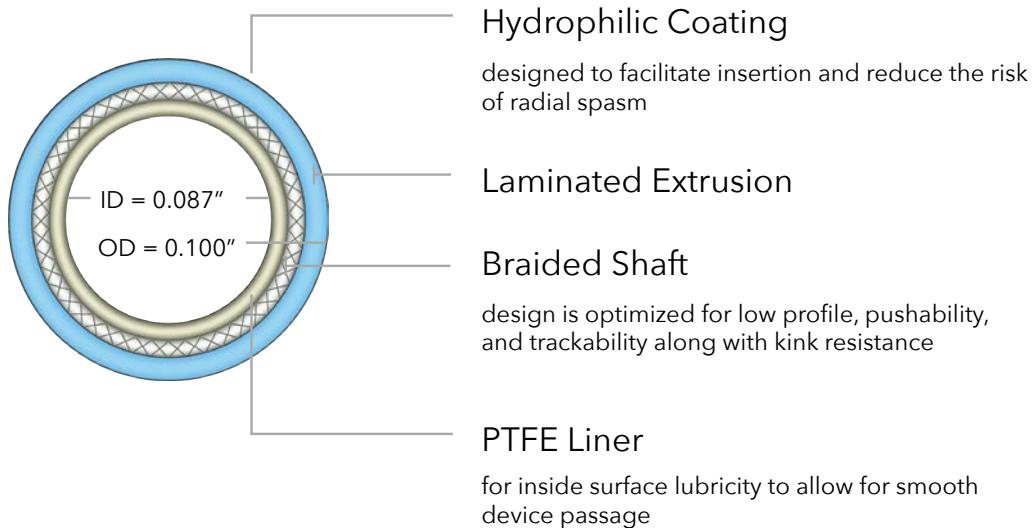
- Hydrophilic coating is designed to facilitate insertion and reduce the risk of radial spasm
- Non-coated proximal section designed to improve sheath stability and help reduce movement during the procedure
- Tapered atraumatic tip is designed to reduce risk of vessel trauma



Engineered to Deliver

- Braided, multi-segmented shaft provides strong backup support and flexibility to navigate tortuous radial anatomy
- Radiopaque distal tip increases visibility under fluoroscopy
- Innovative design provides the support and visualization needed for accurate interventional device deployment

PRODUCT OVERVIEW

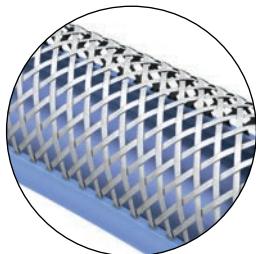


INFINITI™ & SUPER TORQUE™ PLUS

Diagnostic Catheters

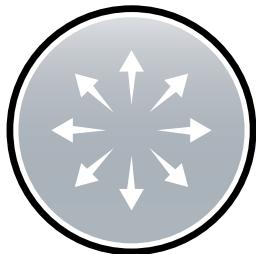
AVAILABLE IN AN EXTENSIVE RANGE OF DEDICATED AND UNIVERSAL SHAPES, INCLUDING THE RBL-TG™ AND RBL-JK™

The RBL-TG™ and RBL-JK™ universal shapes allow you to cannulate both the left and right coronary artery with a single catheter and are available in both our nylon **INFINITI™** and polyurethane **SUPER TORQUE™ Plus Diagnostic Catheter** lines—two different materials, and two distinct options for how the catheter feels in your hand.



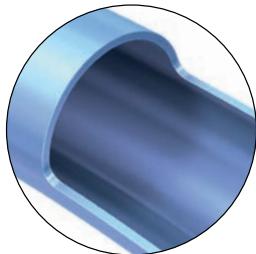
DIRECT RESPONSE ➤

High density braiding for outstanding responsiveness and one to one torque control



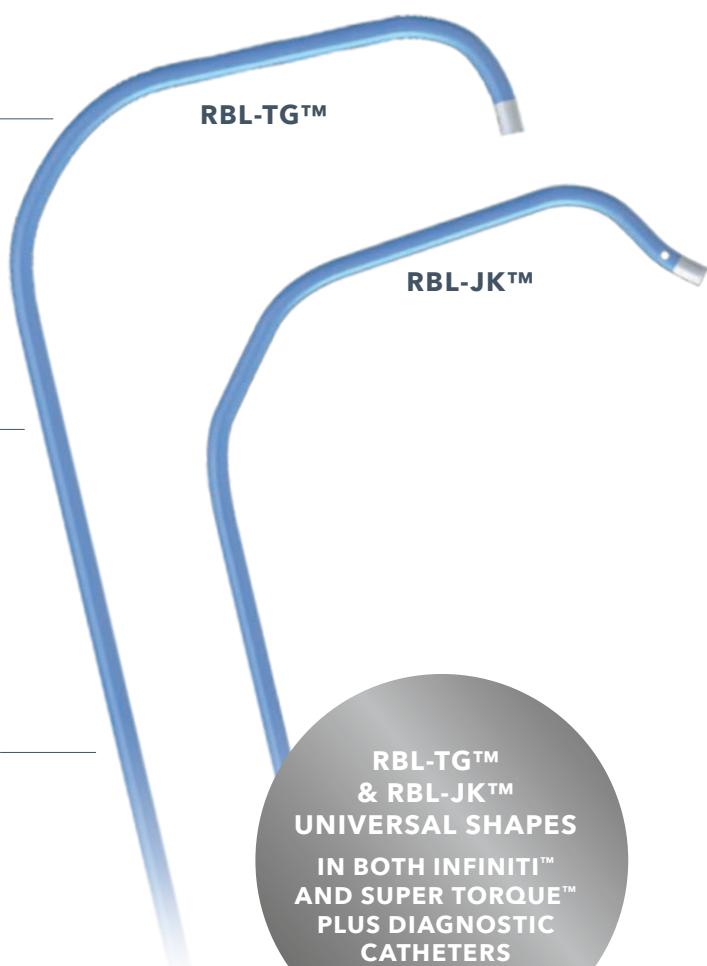
KINK RESISTANCE ➤

Braided construction for excellent pushability without compromising kink resistance



TRUE LUMEN DESIGN* ➤

True Lumen design with thin wall technology for a consistent lumen diameter that facilitates easy injections and higher flow rates¹



**RBL-TG™
& RBL-JK™
UNIVERSAL SHAPES
IN BOTH INFINITI™
AND SUPER TORQUE™
PLUS DIAGNOSTIC
CATHETERS**

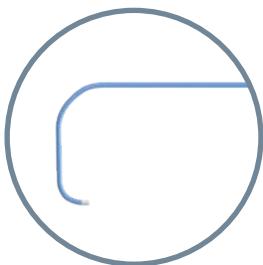
* Only available on the INFINITI™ Diagnostic Catheter.



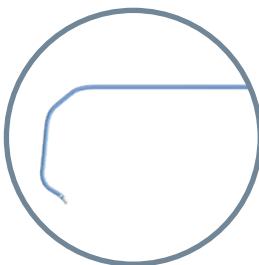
DIAGNOSE: CORDIS CATHETER TECHNOLOGY

OUR LEADING PORTFOLIO WITH UNIVERSAL AND DEDICATED SHAPES

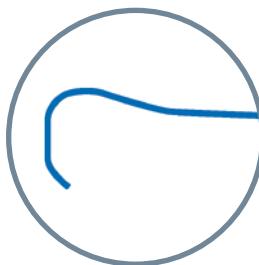
UNIVERSAL SHAPES



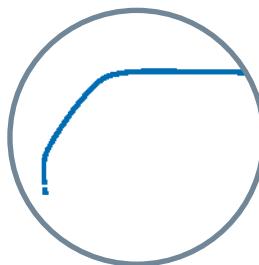
RBL-TG™



RBL-JK™

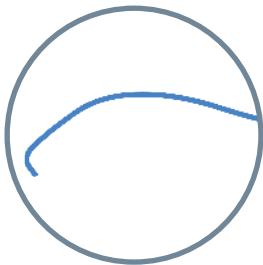


RBL

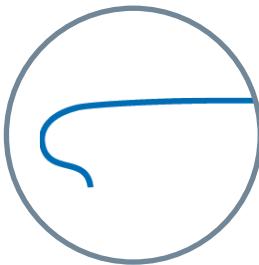


Barbeau

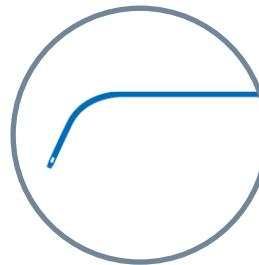
DEDICATED AND SPECIAL SHAPES



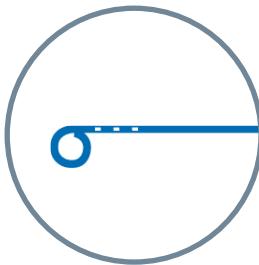
Judkins Right



Amplatz Left



Multipurpose



Straight Pigtail

- Judkins Left
- Amplatz Right
- Sones
- Internal Mammary
- Coronary Bypass
- 3DRC (Williams)
- SRC (Noto)
- NIH
- Castillo
- Radial/Brachial (Tilon)
- Angled Pigtail (Van Tassel)

**REFERENCE OUR CARDIOVASCULAR CATALOG
FOR MORE INFORMATION**

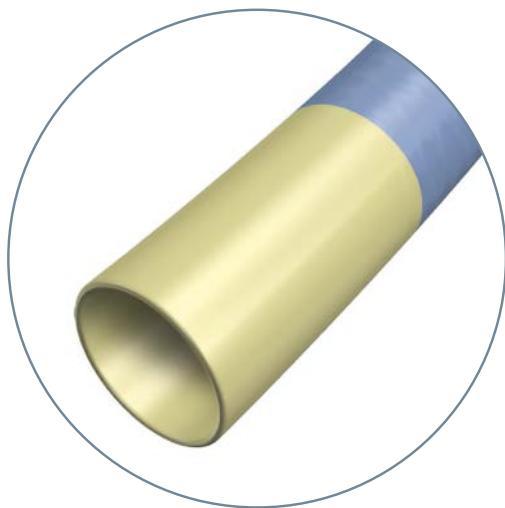


CORDIS CATHETER TECHNOLOGY

VISTA BRITE TIP™ & ADROIT™

Guiding Catheters

Our Guiding Catheter Portfolio is comprised of the **VISTA BRITE TIP™** and **ADROIT™ Guiding Catheters**, and intended for the intravascular introduction of interventional/diagnostic devices into the coronary or peripheral vascular systems.

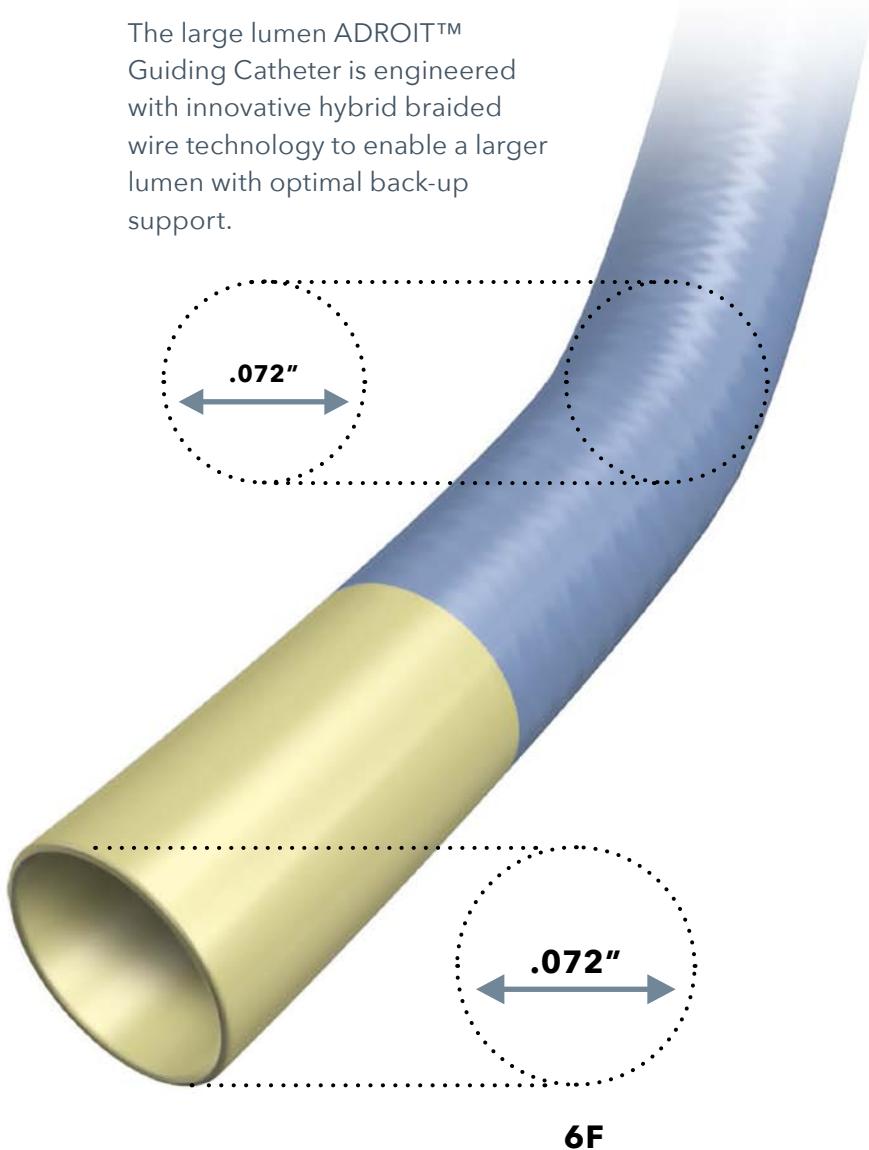


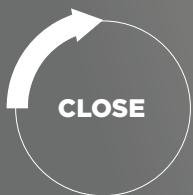
VISTA BRITE TIP™ GUIDING CATHETER

A complete system of guiding catheters that are optimized to answer clinical needs. The performance-based design of each catheter easily meets strength, control and delivery requirements in the widest range of anatomies.

ADROIT™ GUIDING CATHETER

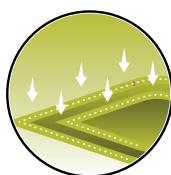
The large lumen ADROIT™ Guiding Catheter is engineered with innovative hybrid braided wire technology to enable a larger lumen with optimal back-up support.





ZEPHYR™ Vascular Compression Band (VCB)

DESIGNED TO SIMPLIFY PATENT HEMOSTASIS



DOUBLE BONDED RADIAL BALLOON

The ZEPHYR™ VCB helps clinicians achieve patent hemostasis with firm downward pressure and clear visualization of the puncture site



INTERCHANGEABLE SYRINGE CONNECTION

Easy to use: universally compatible with standard luer syringes



SOFT FLEXIBLE BAND

Compliant elastomeric band for patient comfort and firm compression balloon for patent hemostasis



ADVANCING RADIAL SOLUTIONS



PLEASE CONTACT YOUR CORDIS REPRESENTATIVE FOR
ADDITIONAL PRODUCT AVAILABILITY INFORMATION
OR VISIT [HTTPS://CORDIS.COM/EMEA/HOME](https://CORDIS.COM/EMEA/HOME)

REFERENCES:

1. Cordis 2018 Data on File
2. Saurabh Sanon and Rajiv Gulati, "Slender Approach and Sheathless Technique", Interventional Cardiology Clin 4 (2015) 161-166



For healthcare professionals only.

Important information: Prior to use, refer to the instructions for use supplied with this device for indications, contraindications, suggested procedure, warnings and precautions.

As part of its continuous product development policy, Cordis reserves the right to change product specifications without prior notification.

ZEPHYR Band, CE 2460, is manufactured by Advanced Vascular Dynamics and distributed by Cordis. Other devices mentioned are CE 2797. CORDIS, Cordis LOGO, RBL-JK, RBL-TG,

RAIN Sheath, INFINITI, SUPERTORQUE, ADROIT, VISTA BRITE TIP and BRITE TIP RADIANT are trademarks of Cordis and may be registered in the US and/or in other countries.

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