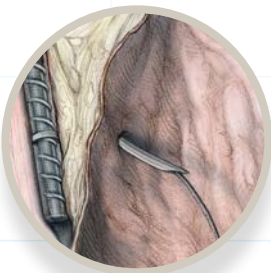


Cordis[®]
CROSSING
Portfolio



OUTBACK[®] Elite
Re-Entry Catheter



ELITECROSS[™]
Support Catheter



FRONTRUNNER[™] XP
CTO Catheter



AQUATRACK[®]
Hydrophilic Nitinol Guidewire



Cordis[®]
CROSSING
Portfolio

At Cordis Corporation, we're committed to providing the most comprehensive offering of reliable and powerful crossing tools in the industry that help you deliver the outcomes patients are counting on.

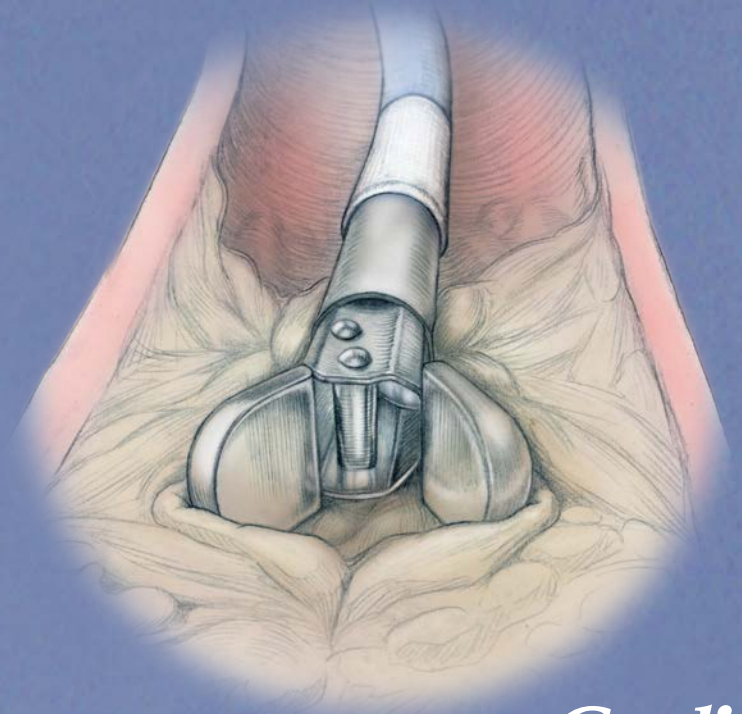
Every product is designed to enhance control so you can safely go through or around the most complex lesions with confidence. That's why we offer a **NO CROSS GUARANTEE**.*

If any of our crossing tools fails to achieve wire placement through the CTO, **we'll replace it.**

THE OUTCOME:

Elite performance. Exceptional results.

Crossing a CTO is complicated, with Cordis the solution is simple.



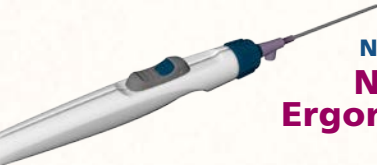
Cordis[®]
A Cardinal Health company

OUTBACK® Elite

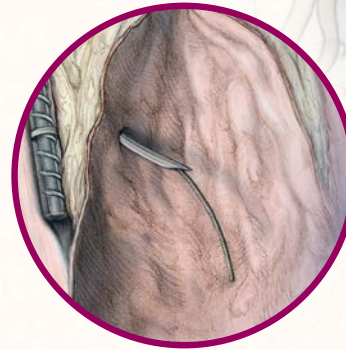
Re-Entry Catheter

The OUTBACK® Elite Re-Entry Catheter enables faster and more precise re-entry into the true lumen in the most challenging cases.¹

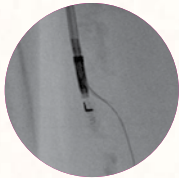
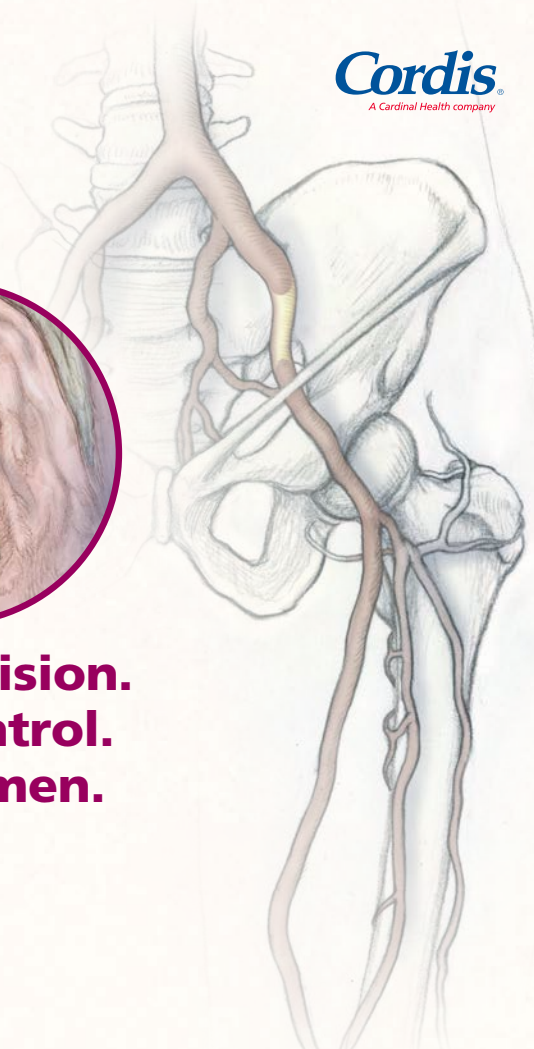
- NEW! 80 CM shaft
- NEW! Ergonomic handle for greater control
- Increased precision of target site re-entry¹
- Robust Nitinol Cannula



Now Featuring
**NEW More
Ergonomic Handle**



True Precision. True Control. True Lumen.



No Additional Visualization Needed

Simple three-step alignment process optimizes case efficiencies without the need for additional costly capital equipment.

Image Courtesy of Ali Amin, MD, FACS, FACC, RVT

Product
Animation

Clinical
Performance

Wire
Compatibility List

Product Codes

OUTBACK® Elite
Re-Entry Catheter

ELITECROSS™
Support Catheter

FRONTRUNNER® XP
CTO Catheter

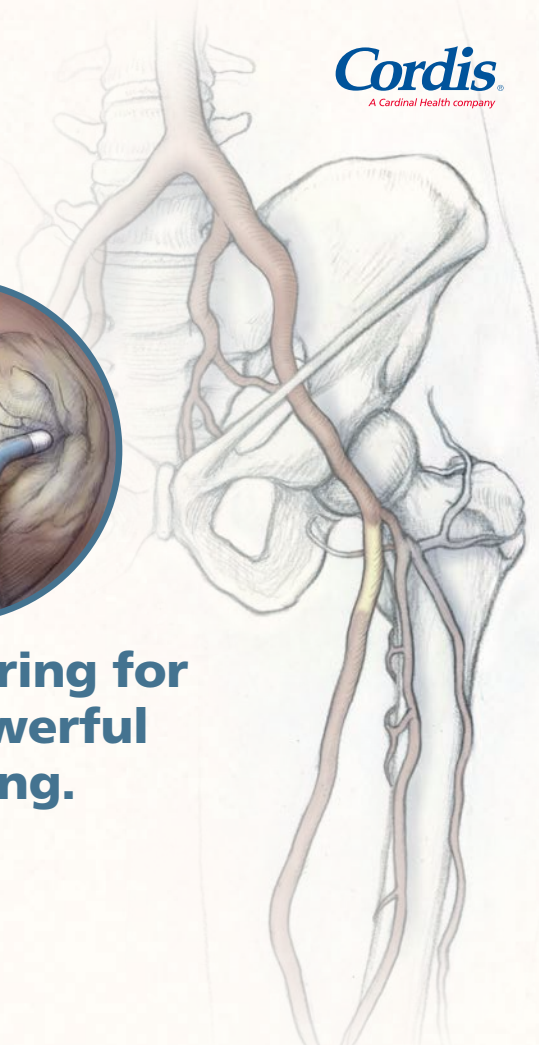
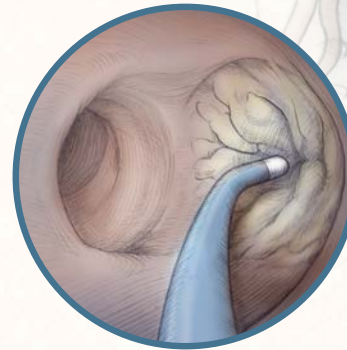
AQUATRACK®
Hydrophilic Nitinol Guidewire

ELITECROSS™

Support Catheter

Providing a unique combination of support and shape options to enable a tailored approach to tough lesions.

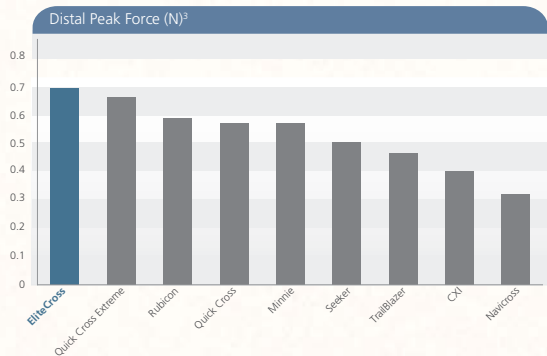
- UNPARALLELED SUPPORT
- UNPARALLELED PUSHABILITY
- ENHANCED STEERABILITY
- EXTRA LARGE INNER LUMEN can accommodate 0.014" support catheter systems
- Tapered tip and lubricious hydrophilic coating enhance deliverability



Power Steering for More Powerful Crossing.

Portfolio:

- 0.035" guidewire compatibility
- 82 CM and 132 CM lengths
- XS Straight and XS Angled versions
- DX and IX device compatible



[Comparison](#)

[Product Codes](#)

OUTBACK® Elite
Re-Entry Catheter

ELITECROSS™
Support Catheter

FRONTRUNNER® XP
CTO Catheter

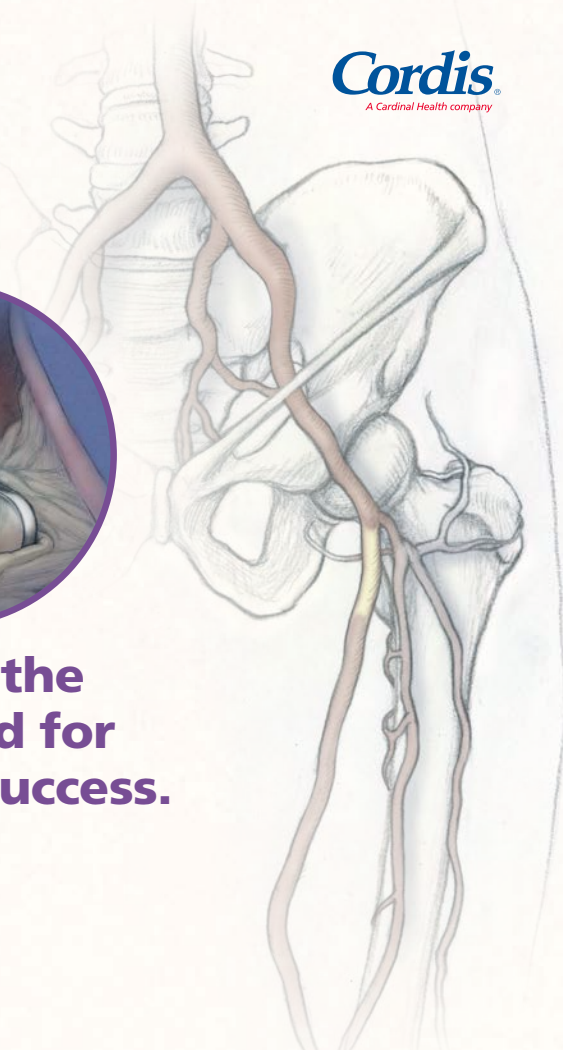
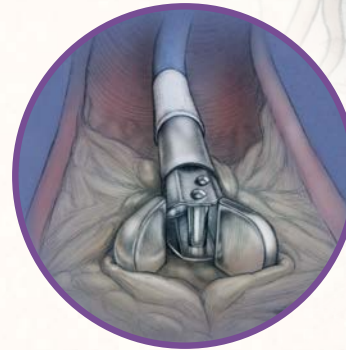
AQUATRACK®
Hydrophilic Nitinol Guidewire

FRONTRUNNER® XP

CTO Catheter

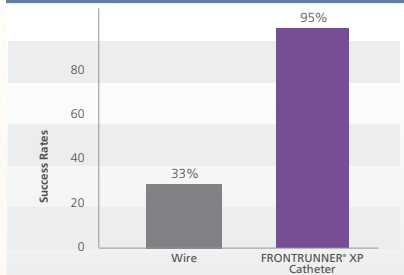
Use FRONTRUNNER® XP CATHETER *first* to cross with confidence.

- **ENHANCED** pushability when paired with the new ELITECROSS™ Support Catheter
- **HIGH SUCCESS RATES** when conventional guidewire techniques have failed³
- **REDUCED EXPOSURE TIME**
- Lubricious hydrophilic coating



Setting the Standard for Crossing Success.

Successful Crossing²



High Success Rates

In a recent study by Shetty et al., the **FRONTRUNNER® XP CTO Catheter** had a 95% success rate vs. 33% with wire alone.

Clinical Performance

Product Codes

OUTBACK® Elite
Re-Entry Catheter

ELITECROSS™
Support Catheter

FRONTRUNNER® XP
CTO Catheter

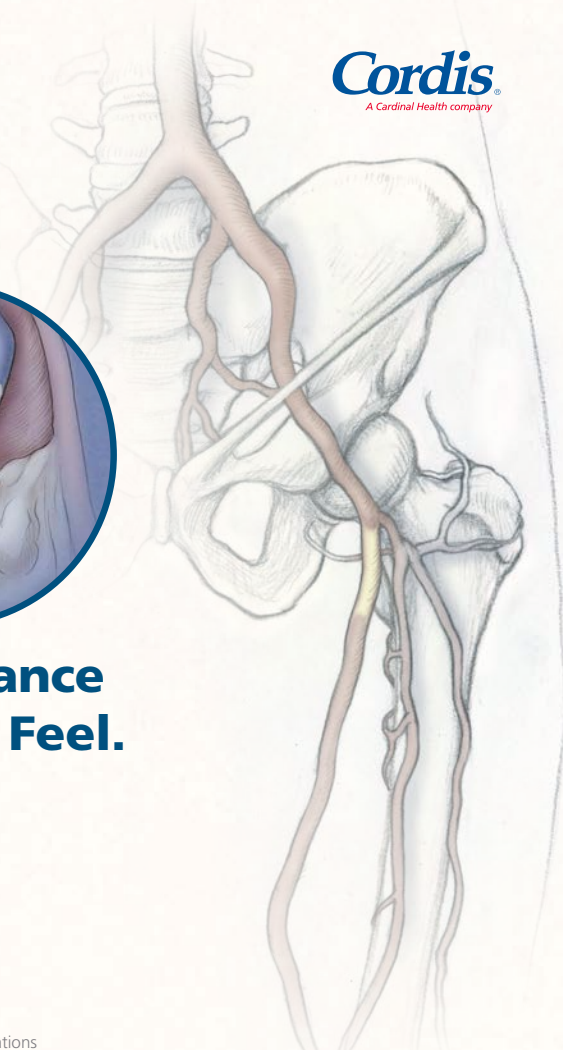
AQUATRACK®
Hydrophilic Nitinol Guidewire

AQUATRACK®

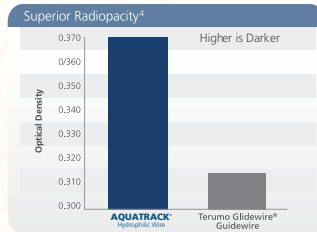
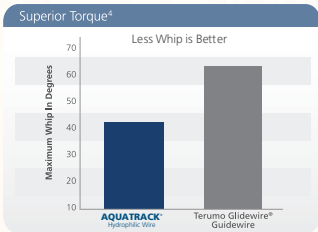
Hydrophilic Nitinol Guidewire

Featuring the torque, lubricity and visibility needed to successfully navigate the most tortuous anatomy.

- SUPERIOR TORQUABILITY
- SUPERIOR RADIOPACITY
- LASTING LUBRICITY
- CURED AND BONDED POLYMER JACKET



Performance You Can Feel.



Portfolio:

- 0.035" platform
- Angled and straight tips
- Regular and stiff configurations
- 150 CM, 180 CM, and 260 CM lengths

Product Codes

OUTBACK® Elite
Re-Entry Catheter

ELITECROSS™
Support Catheter

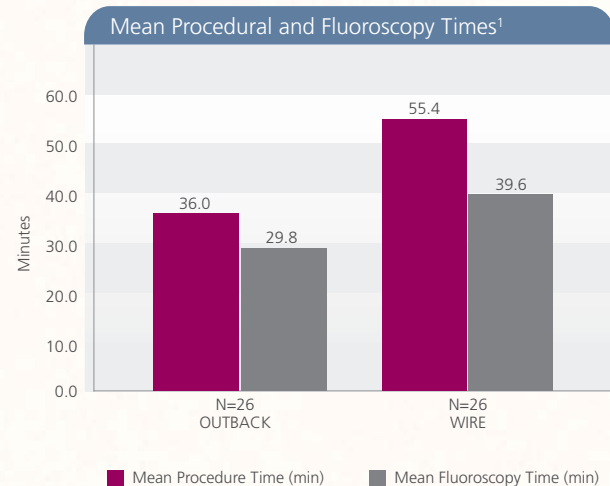
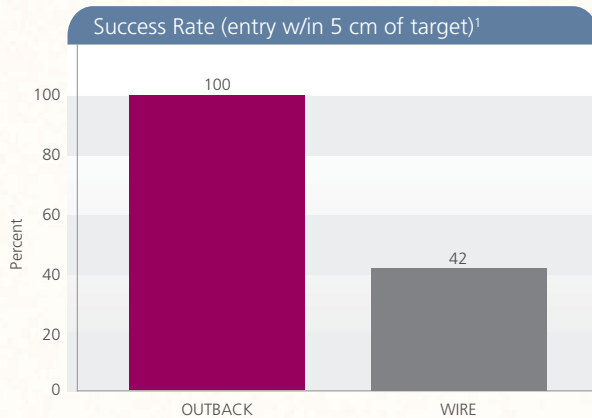
FRONTRUNNER® XP
CTO Catheter

AQUATRACK®
Hydrophilic Nitinol Guidewire

OUTBACK® Elite Re-Entry Catheter

Clinical Performance

In a recent study by Gandini et al., the OUTBACK® LTD® Re-Entry Catheter was shown to have a higher success rate of precision re-entry. Use of the device also saved the operator and the patient from additional fluoroscopy and procedure time.



[Link to Publication](#)

OUTBACK® Elite
Re-Entry Catheter

ELITECROSS™
Support Catheter

FRONTRUNNER® XP
CTO Catheter

AQUATRACK®
Hydrophilic Nitinol Guidewire

OUTBACK® Elite Re-Entry Catheter

Wire Compatibility List

MANUFACTURER	DESCRIPTION	PRODUCT CODE (300 cm length)
Cordis	ATW™ All Track Wire	595EX014
Cordis	STABILIZER® Support Guidewire*	507300S
Cordis	STABILIZER® Extra Support Guidewire*	527300E
Abbott	Hi-Torque All Star™ Guidewire	1011835H
Abbott	Hi-Torque Balance Middleweight™ (BMW) ELITE Guidewire	1001741
Abbott	Hi-Torque Command™ Guidewire	1011883
Abbott	Hi-Torque Command™ ES Guidewire	2078173
Abbott	Hi-Torque Ironman™ Guidewire	2078175
Abbott	Hi-Torque SpartaCore™ Guidewire	1001311
Abbott	Hi-Torque Whisper™ Guidewire	1005206
Asahi	Asahi® Confianza Guidewire	14943-01
Boston Scientific	CholCE™ Extra Support Guidewire	H749 12119-01 2
Boston Scientific	Journey™ Guidewire	M001391280
Boston Scientific	Luge™ Guidewire	H749 12100-01 2
Boston Scientific	Mailman™ Guidewire	H749 12120-01 2
Boston Scientific	Platinum Plus™ Guidewire	M001467120
Boston Scientific	PT2™ Moderate Support Guide Wire	H749 38931-042

*STABILIZER® Plus = STABILIZER® Support. STABILIZER® XS = STABILIZER® Extra Support.

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OUTBACK® Elite
Re-Entry Catheter

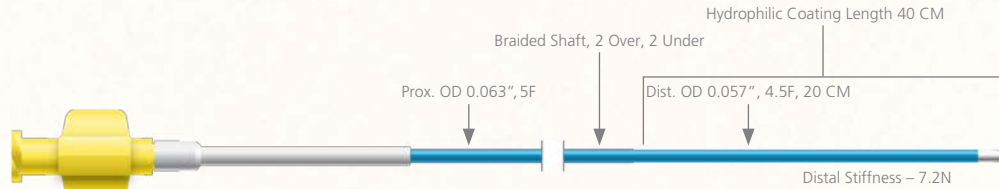
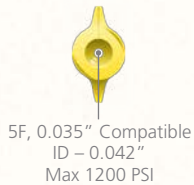
ELITECROSS™
Support Catheter

FRONTRUNNER® XP
CTO Catheter

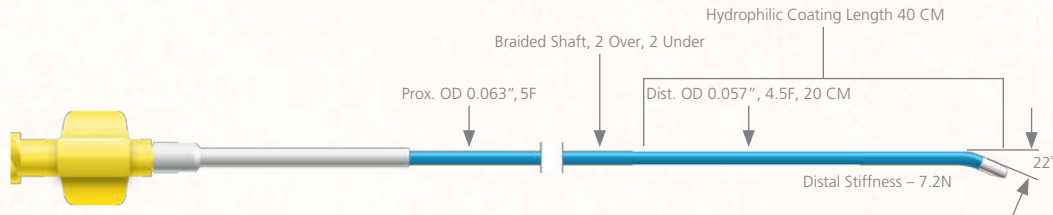
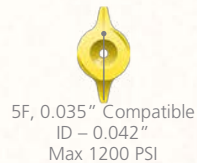
AQUATRACK®
Hydrophilic Nitinol Guidewire

ELITECROSS™ Support Catheter

Configuration Comparison



ELITECROSS™ Support Catheter - Extra Support Straight



ELITECROSS™ Support Catheter - Extra Support Angled

Product Codes

OUTBACK® ELITE RE-ENTRY CATHETER		
Catalog Code	Description	Length
OTB59080A	OUTBACK® ELITE RE-ENTRY CATHETER	80 CM
OTB59120A	OUTBACK® ELITE RE-ENTRY CATHETER	120 CM

ELITECROSS™ SUPPORT CATHETER			
Catalog Code	Description	Shape	Length
MGC39090X	ELITECROSS™ SUPPORT CATHETER - EXTRA SUPPORT	STRAIGHT	82 CM
MGC39090A	ELITECROSS™ SUPPORT CATHETER - EXTRA SUPPORT	ANGLED	82 CM
MGC39140X	ELITECROSS™ SUPPORT CATHETER - EXTRA SUPPORT	STRAIGHT	132 CM
MGC39140A	ELITECROSS™ SUPPORT CATHETER - EXTRA SUPPORT	ANGLED	132 CM

Next >

Bar Codes

OUTBACK® Elite
 Re-Entry Catheter

ELITECROSS™
 Support Catheter

FRONTRUNNER® XP
 CTO Catheter

AQUATRACK®
 Hydrophilic Nitinol Guidewire

Product Codes

FRONTRUNNER® XP CTO CATHETER		
Catalog Code	Description	Length
FBS3990	FRONTRUNNER® XP CTO CATHETER	90 CM
FBP39140	FRONTRUNNER® XP CTO CATHETER	140 CM

AQUATRACK® HYDROPHILIC NITINOL GUIDEWIRE			
Catalog Code	Description	Shape	Length
C3515RSA	AQUATRACK® HYDROPHILIC GUIDEWIRE REGULAR	ANGLED	150 CM
C3515RSS	AQUATRACK® HYDROPHILIC GUIDEWIRE REGULAR	STRAIGHT	150 CM
C3515SSA	AQUATRACK® HYDROPHILIC GUIDEWIRE STIFF	ANGLED	150 CM
C3518RSA	AQUATRACK® HYDROPHILIC GUIDEWIRE REGULAR	ANGLED	180 CM
C3518RSS	AQUATRACK® HYDROPHILIC GUIDEWIRE REGULAR	STRAIGHT	180 CM
C3518SSA	AQUATRACK® HYDROPHILIC GUIDEWIRE STIFF	ANGLED	180 CM
C3526RSA	AQUATRACK® HYDROPHILIC GUIDEWIRE REGULAR	ANGLED	260 CM
C3526SSA	AQUATRACK® HYDROPHILIC GUIDEWIRE STIFF	ANGLED	260 CM
C3526SSS	AQUATRACK® HYDROPHILIC GUIDEWIRE STIFF	STRAIGHT	260 CM

< Previous

Bar Codes

OUTBACK® Elite
Re-Entry Catheter

ELITECROSS™
Support Catheter

FRONTRUNNER® XP
CTO Catheter

AQUATRACK®
Hydrophilic Nitinol Guidewire

Bar Codes

CODE	BARCODE INNER	HUMAN READABLE	BARCODE OUTER	HUMAN READABLE	DESCRIPTION
MGC39090A		(01)20705032067482		(01)20705032067482	ELITECROSS CATH 82 CM XS ANG
MGC39090X		(01)20705032067505		(01)20705032067505	ELITECROSS CATH 82 CM XS STR
MGC39140A		(01)20705032067512		(01)20705032067512	ELITECROSS CATH 132 CM XS ANG
MGC39140X		(01)20705032067536		(01)20705032067536	ELITECROSS CATH 132 CM XS STR
OTB59080A		(01)20705032067567		(01)20705032067567	OUTBACK ELITE 80 CM
OTB59120A		(01)20705032067574		(01)20705032067574	OUTBACK ELITE 120 CM
FBP39140		(01)10705032028431		(01)20705032028438	FRONTRUNNERXP 140 CM
FBS3990		(01)10705032028448		(01)20705032028445	FRONTRUNNERXP 90 CM

Next >

Product Codes

OUTBACK[®] Elite
Re-Entry Catheter

ELITECROSS[™]
Support Catheter

FRONTRUNNER[®] XP
CTO Catheter

AQUATRACK[®]
Hydrophilic Nitinol Guidewire

Bar Codes

CODE	BARCODE INNER	HUMAN READABLE	BARCODE OUTER	HUMAN READABLE	DESCRIPTION
C3515RSA		(01)10705032056106		(01)20705032056334	AQUATRACK 150 CM REG ANG
C3515RSS		(01)10705032056113		(01)20705032056110	AQUATRACK 150 CM REG STR
C3515SSA		(01)10705032056106		(01)20705032056335	AQUATRACK 150 CM STIFF ANG
C3518RSA		(01)10705032056113		(01)20705032056110	AQUATRACK 180 CM REG ANG
C3518RSS		(01)10705032056106		(01)20705032056336	AQUATRACK 180 CM REG STR
C3518SSA		(01)10705032056113		(01)20705032056110	AQUATRACK 180 CM STIFF ANG
C3526RSA		(01)10705032056106		(01)20705032056337	AQUATRACK 260 CM REG ANG
C3526SSA		(01)10705032056113		(01)20705032056110	AQUATRACK 260 CM STIFF ANG
C3526SSS		(01)10705032056106		(01)20705032056338	AQUATRACK 260 CM STIFF STR

< Previous

Product Codes

OUTBACK[®] Elite
Re-Entry Catheter

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Support Catheter

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CTO Catheter

AQUATRACK[®]
Hydrophilic Nitinol Guidewire

Cordis[®] **CROSSING** *Portfolio*

Order Now

Cordis.com

Bar Codes

For product in-service, contact your Cordis Sales Representative or call 800.327.7714.

^{*}As per Cordis Complaint Handling Procedure CHSS042.

¹Gandini, R., Fabiano, S., Spano, S., Volpi, T., Morosetti, D., Chiaravalloti, A., Nano, G. and Simonetti, G. (2013), Randomized control study of the Outback LTD reentry catheter versus manual reentry for the treatment of chronic total occlusions in the superficial femoral artery. *Cathet. Cardiovasc. Intervent.*, 82: 485–492. doi: 10.1002/ccd.24742

²100242526 Guide Wire Pushability and Support Competitive Testing Report for Micro Guide Catheter Elite, Cordis Corporation 2015, data on file.

³Ranjan Shetty, MD DM, G. Vivek, MD DM, Ashok Thakkar, PhD, Rajaram Prasad, MD, Umesh Pai, MSc, Krishnananda Nayak, MSc. Safety and Efficacy of the Frontrunner XP Catheter for Recanalization of Chronic Total Occlusion of the Femoropopliteal Arteries. *J. Invasive Cardiol* 2013;25(7):344-347

⁴11634371 - Competitive Testing Reports of the Aquatrack Hydrophilic Guidewire, Cordis Corporation, 2008, data on file.

Important Information: Prior to use, refer to the "Instructions For Use" supplied with these devices for indications, contraindications, side effects, suggested procedure, warnings and precautions.

CAUTION: Federal (USA) law restricts these devices to sale by or on the order of a physician.

See package insert for full product information.

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