

UNIQUE  
CHALLENGES.  
INDIVIDUALIZED  
SOLUTIONS.

PERIPHERAL ARTERIAL DISEASE  
PRODUCT PORTFOLIO



# HELPING YOU SAVE LIMBS CASE AFTER UNIQUE CASE

With industry-leading support, innovative solutions, and an individualized approach to care, we're here with a robust portfolio of PAD products to help you deliver the best possible outcomes for every patient.

## GETTING AHEAD OF PAD

We proactively support early diagnosis across sites of service to help patients get ahead of PAD.

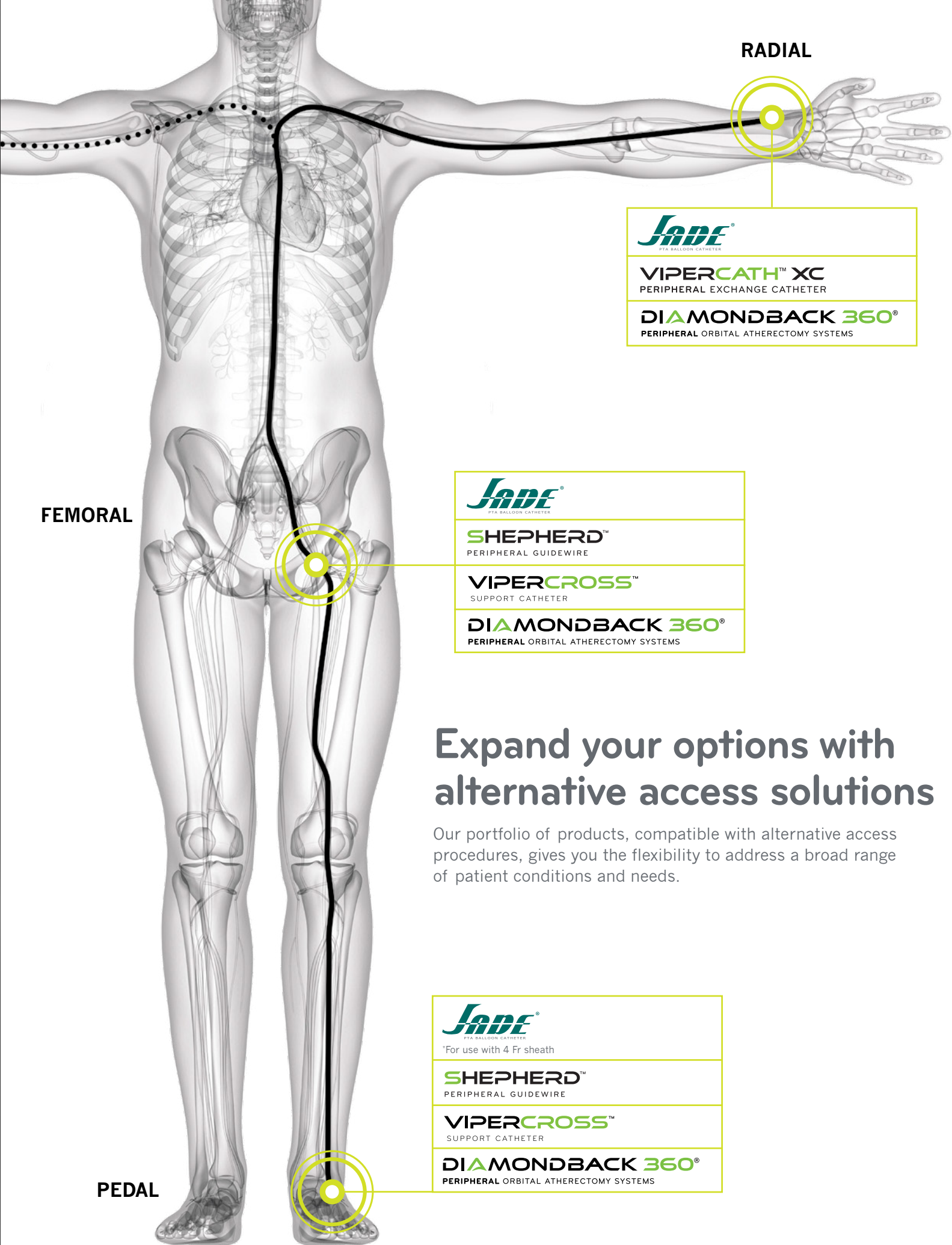
## INDIVIDUALIZED SOLUTIONS

We continually innovate solutions that enable individualized, efficient revascularization.

## STRENGTHENING LONG-TERM SOLUTIONS

We strengthen the evidence for long-term outcomes, protocol standardization, and reimbursement support.





**RADIAL**



**VIPERCATH™ XC**  
PERIPHERAL EXCHANGE CATHETER

**DIAMONDBACK 360®**  
PERIPHERAL ORBITAL ATHERECTOMY SYSTEMS

**FEMORAL**



**SHEPHERD™**  
PERIPHERAL GUIDEWIRE

**VIPERCROSS™**  
SUPPORT CATHETER

**DIAMONDBACK 360®**  
PERIPHERAL ORBITAL ATHERECTOMY SYSTEMS

## Expand your options with alternative access solutions

Our portfolio of products, compatible with alternative access procedures, gives you the flexibility to address a broad range of patient conditions and needs.

**PEDAL**



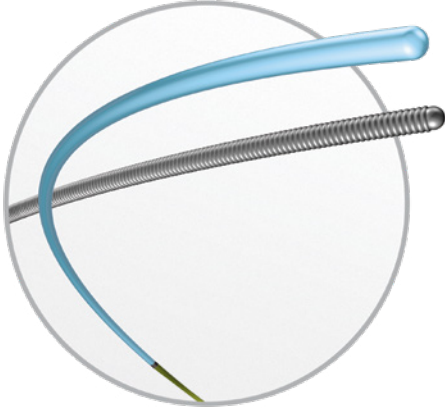
\*For use with 4 Fr sheath

**SHEPHERD™**  
PERIPHERAL GUIDEWIRE

**VIPERCROSS™**  
SUPPORT CATHETER

**DIAMONDBACK 360®**  
PERIPHERAL ORBITAL ATHERECTOMY SYSTEMS

## SHEPHERD™ PERIPHERAL GUIDEWIRE



### SHEPHERD™ PERIPHERAL GUIDEWIRE

## AN INTEGRAL PART OF PERIPHERAL INTERVENTION

Guidewires are the most tactile-based tool you use, forging the pathway to treatment. Our peripheral guidewire portfolio is designed to effectively get to and cross the lesion.

- **Enhanced hydrophilic coating<sup>†</sup>**
- **Tip load escalation and de-escalation ability**
- **Proprietary twister core wire technology**
- **Improved PTFE coatings<sup>\*</sup>**

\* When compared to predecessor Zilient® Peripheral Guidewire

† Enhanced hydrophilic coating on the 4- and 6-gram wires only

## VIPERCROSS™ SUPPORT CATHETER



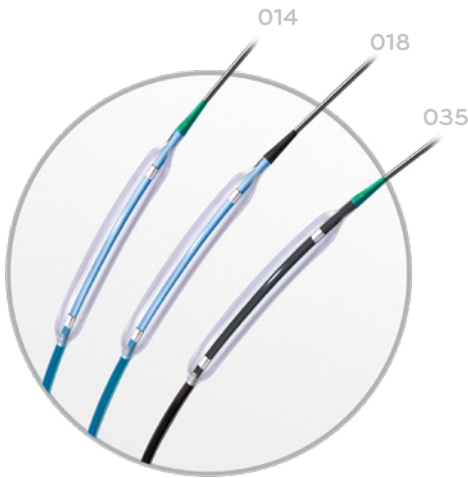
### VIPERCROSS™ SUPPORT CATHETER

## BALANCED SUPPORT AND FLEXIBILITY

ViperCross™ Support Catheters are designed to provide optimal guidewire support, facilitate guidewire exchange, and navigate tortuous anatomy in complex peripheral vascular cases.

- **Enhanced hydrophilic coating**
- **Radiopaque marker bands for visibility:** 1 mm, 5 cm, and 10 cm from the tip of the catheter
- **Telescoping technology:** Enables the .014 and .018 to fit inside the .035 catheter for increased support to cross highly challenging lesions
- **Variable-pitch stainless-steel braid design:** Offers proximal support and distal flexibility for crossing challenging lesions

## JADE® PTA BALLOON CATHETER\*



# STRENGTH AND NON-COMPLIANT PRECISION WITHOUT COMPROMISING DELIVERABILITY

The JADE® PTA Balloon Catheter series is an over-the-wire platform built on strength and non-compliant precision without compromising deliverability during peripheral interventions.

- **Diverse balloon portfolio:** The only non-compliant balloon platform available in all three guidewire-compatible systems on the U.S. market
- **Safety and accuracy:** Delivers consistent uniform pressure distribution (minimizing dog-boning effect) during balloon dilation in all plaque morphologies
- **Excellent deliverability:** Z-Tip technology offers exceptional entry and competitive crossing profile while proprietary dual balloon coating provides enhanced trackability

\*Manufactured by:



## VIPERCATH™ XC PERIPHERAL EXCHANGE CATHETER



VIPERCATH™ XC  
PERIPHERAL EXCHANGE CATHETER

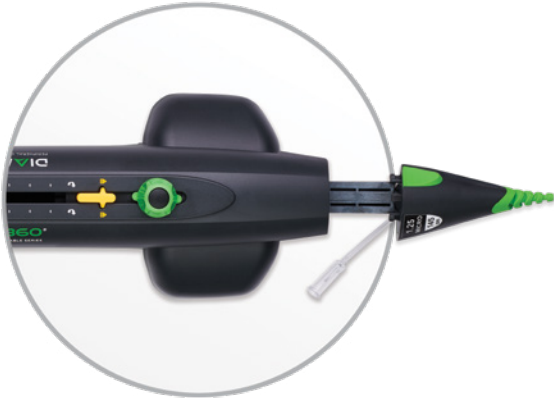
# LONGEST LENGTH EXCHANGE CATHETER

Guides and supports guidewire access in the vasculature and allows for wire exchanges while providing a conduit for delivering saline and contrast. Designed for kink resistance, torquability, and support during delivery.

- Facilitates advancement of a .035 guidewire and CSI's .014 and .018 ViperWire Advance® guidewire
- 200 cm length catheter needed for radial access PVIs
- Provides a low 5 Fr crossing profile
- Includes straight and angled tip options to aid in wire positioning

## DIAMONDBACK 360® PERIPHERAL ORBITAL ATHERECTOMY SYSTEMS

**DIAMONDBACK 360®**  
PERIPHERAL ORBITAL ATHERECTOMY SYSTEM ► EXCHANGEABLE SERIES



Our most advanced Diamondback 360® allows you to use multiple crowns with one handle for complete leg revascularization.

**DIAMONDBACK 360®**  
PERIPHERAL ORBITAL ATHERECTOMY SYSTEM



Low-profile design facilitates minimally invasive treatment options for your PAD patients.

# BROAD RANGE OF CALCIUM ONE SOLUTION

### DUAL ACTION

Uniquely designed to enable simultaneous modification of both intimal and medial calcium.

### VERSATILE

The low-profile design of our orbital atherectomy systems and unique extended length option can help you improve your procedural range and patient satisfaction.

### PROVEN

Orbital atherectomy is proven to be effective with a full range of calcified lesions above- and below-the-knee, and across a wide range of Rutherford Classes (RC 2-6).

## VIPERWIRE ADVANCE® & VIPERWIRE ADVANCE® WITH FLEX TIP PERIPHERAL GUIDE WIRES



**VIPERWIRE Advance®**  
PERIPHERAL GUIDE WIRE

**VIPERWIRE Advance®**  
PERIPHERAL GUIDE WIRE WITH FLEX TIP

# NAVIGATE WITH CONFIDENCE

ViperWire Advance® Peripheral Guide Wires are designed specifically for the Diamondback 360® Orbital Atherectomy Systems to facilitate proper device placement within the artery to enable orbital gain during treatment.



# THE RIGHT CROWN FOR THE CASE

CROWN TYPE	PLAQUE MORPHOLOGY	HOW IT WORKS	DIAMOND MICRON COATING
 <p>2.00 MAX CROWN</p>	Mild–moderate calcium	Provides more engagement with mixed plaque	70µm
 <p>SOLID CROWN</p>	Moderate–severe calcium	Delivers efficient sanding in calcification	30µm
 <p>CLASSIC CROWN</p>	Moderate–severe calcium	Gives you the flexibility to treat in tight vessel bends and ostial lesions	30µm
 <p>MICRO CROWN</p>	Moderate–severe calcium	Designed for tortuous vessels and tight bends below the knee (BTK)	30µm



TO SEE MORE ACCESSORIES,  
SCAN THE QR CODE



## PRODUCT ORDERING INFORMATION

**DIAMONDBACK 360<sup>®</sup>**  
PERIPHERAL ORBITAL ATHERECTOMY SYSTEM ► EXCHANGEABLE SERIES

### PERIPHERAL ORBITAL ATHERECTOMY SYSTEM EXCHANGEABLE SERIES

SYSTEM MODEL NUMBER Handle + Cartridge	CARTRIDGE MODEL NUMBER Cartridge only	CROWN SIZE	CARTRIDGE SHAFT LENGTH	QUANTITY	SHEATH SIZE COMPATIBILITY
<b>DIAMONDBACK 360<sup>®</sup> EXCHANGEABLE SERIES CLASSIC CROWN WITH GLIDEASSIST<sup>®</sup></b>					
DBP-EX-150CLA145	DBP-CART-150CLA145	1.50 mm	145 cm	1 each	5 Fr
DBP-EX-200CLA145	DBP-CART-200CLA145	2.00 mm	145 cm	1 each	6 Fr
<b>DIAMONDBACK 360<sup>®</sup> EXCHANGEABLE SERIES SOLID CROWN WITH GLIDEASSIST<sup>®</sup></b>					
DBP-EX-125SOL75	DBP-CART-125SOL75	1.25 mm	75 cm	1 each	4 Fr
DBP-EX-125SOL145	DBP-CART-125SOL145	1.25 mm	145 cm	1 each	4 Fr
DBP-EX-125SOL200	DBP-CART-125SOL200	1.25 mm	200 cm	1 each	5 Fr
DBP-EX-150SOL145	DBP-CART-150SOL145	1.50 mm	145 cm	1 each	5 Fr
DBP-EX-150SOL200	DBP-CART-150SOL200	1.50 mm	200 cm	1 each	5 Fr
DBP-EX-175SOL180	DBP-CART-175SOL180	1.75 mm	180 cm	1 each	5 Fr
DBP-EX-200SOL145	DBP-CART-200SOL145	2.00 mm	145 cm	1 each	6 Fr
<b>DIAMONDBACK 360<sup>®</sup> EXCHANGEABLE SERIES 2.00 MAX CROWN WITH GLIDEASSIST<sup>®</sup></b>					
DBP-EX-200MAX145	DBP-CART-200MAX145	2.00 mm	145 cm	1 each	6 Fr
<b>DIAMONDBACK 360<sup>®</sup> EXCHANGEABLE SERIES MICRO CROWN WITH GLIDEASSIST<sup>®</sup></b>					
DBP-EX-125MIC75	DBP-CART-125MIC75	1.25 mm	75 cm	1 each	4 Fr
DBP-EX-125MIC145	DBP-CART-125MIC145	1.25 mm	145 cm	1 each	4 Fr

**DIAMONDBACK 360<sup>®</sup>**  
PERIPHERAL ORBITAL ATHERECTOMY SYSTEM

### PERIPHERAL ORBITAL ATHERECTOMY SYSTEM

MODEL NUMBER	CROWN SIZE	SHAFT LENGTH	QUANTITY	SHEATH SIZE COMPATIBILITY
<b>DIAMONDBACK 360<sup>®</sup> CLASSIC CROWN</b>				
DBP-150CLASSIC145	1.50 mm	145 cm	1 each	5 Fr
DBP-200CLASSIC145	2.00 mm	145 cm	1 each	6 Fr
<b>DIAMONDBACK 360<sup>®</sup> SOLID CROWN</b>				
DBP-125SOLID145	1.25 mm	145 cm	1 each	4 Fr
DBP-125SOLID200	1.25 mm	200 cm	1 each	5 Fr
DBP-150SOLID145	1.50 mm	145 cm	1 each	5 Fr
DBP-150SOLID200	1.50 mm	200 cm	1 each	5 Fr
DBP-175SOLID180	1.75 mm	180 cm	1 each	5 Fr
DBP-200SOLID145	2.00 mm	145 cm	1 each	6 Fr
<b>DIAMONDBACK 360<sup>®</sup> 2.00 MAX CROWN</b>				
DBP-200MAX145	2.00 mm	145 cm	1 each	6 Fr
<b>DIAMONDBACK 360<sup>®</sup> MICRO CROWN WITH GLIDEASSIST<sup>®</sup></b>				
DBP-125MICRO145	1.25 mm	145 cm	1 each	4 Fr





JADE® PTA BALLOON CATHETER\*

014

CATHETER WORKING LENGTH - 150 CM									
BALLOON DIAMETER (mm)	20	40	60	80	100	120	150	240	SHEATH COMPATIBILITY
1.5	581502022	581504022	-	581508022	-	581512022	-	581524022	4F
2.0	582002022	582004022	582006022	582008022	582010022	582012022	582015022	582024022	
2.5	582502022	582504022	582506022	582508022	582510022	582512022	582515022	582524022	
3.0	583002022	583004022	583006022	583008022	583010022	583012022	583015022	583024022	
3.5	583502022	583504022	583506022	583508022	583510022	583512022	583515022	583524022	
4.0	584002022	584004022	584006022	584008022	584010022	584012022	584015022	584024022	5F
5.0	585002022	585004022	585006022	585008022	585010022	585012022	585015022	585024022	6F
6.0	586002022	586004022	586006022	586008022	586010022	586012022	586015022	586024022	

CATHETER WORKING LENGTH - 200 CM									
BALLOON DIAMETER (mm)	20	40	60	80	100	120	150	240	SHEATH COMPATIBILITY
2.0	582002032	582004032	582006032	582008032	582010032	582012032	582015032	582024032	4F
2.5	582502032	582504032	582506032	582508032	582510032	582512032	582515032	582524032	
3.0	583002032	583004032	583006032	583008032	583010032	583012032	583015032	583024032	
3.5	583502032	583504032	583506032	583508032	583510032	583512032	583515032	583524032	
4.0	584002032	584004032	584006032	584008032	584010032	584012032	584015032	584024032	
5.0	585002032	585004032	585006032	585008032	585010032	585012032	585015032	585024032	5F
6.0	586002032	586004032	586006032	586008032	586010032	586012032	586015032	586024032	6F

018

CATHETER WORKING LENGTH - 150 CM									
BALLOON DIAMETER (mm)	20	40	60	80	100	120	150	240	SHEATH COMPATIBILITY
2.0	592002022	592004022	592006022	592008022	592010022	592012022	592015022	592024022	4F
2.5	592502022	592504022	592506022	592508022	592510022	592512022	592515022	592524022	
3.0	593002022	593004022	593006022	593008022	593010022	593012022	593015022	593024022	
3.5	593502022	593504022	593506022	593508022	593510022	593512022	593515022	593524022	
4.0	594002022	594004022	594006022	594008022	594010022	594012022	594015022	594024022	
5.0	595002022	595004022	595006022	595008022	595010022	595012022	595015022	595024022	5F
6.0	596002022	596004022	596006022	596008022	596010022	596012022	596015022	596024022	6F
7.0	597002022	597004022	597006022	597008022	597010022	-	597015022	-	

CATHETER WORKING LENGTH - 200 CM									
BALLOON DIAMETER (mm)	20	40	60	80	100	120	150	240	SHEATH COMPATIBILITY
2.0	592002032	592004032	592006032	592008032	592010032	592012032	592015032	592024032	4F
2.5	592502032	592504032	592506032	592508032	592510032	592512032	592515032	592524032	
3.0	593002032	593004032	593006032	593008032	593010032	593012032	593015032	593024032	
3.5	593502032	593504032	593506032	593508032	593510032	593512032	593515032	593524032	
4.0	594002032	594004032	594006032	594008032	594010032	594012032	594015032	594024032	
5.0	595002032	595004032	595006032	595008032	595010032	595012032	595015032	595024032	5F
6.0	596002032	596004032	596006032	596008032	596010032	596012032	596015032	596024032	6F
7.0	597002032	597004032	597006032	597008032	597010032	-	597015032	-	

035

CATHETER WORKING LENGTH - 135 CM									
BALLOON DIAMETER (mm)	20	40	60	80	100	150	240	SHEATH COMPATIBILITY	
3.0	603002022	603004022	603006022	603008022	-	603015022	-	5F	
4.0	604002022	604004022	604006022	604008022	604010022	604015022	604024022		
5.0	605002022	605004022	605006022	605008022	605010022	605015022	605024022		
6.0	606002022	606004022	606006022	606008022	606010022	606015022	606024022	6F	
7.0	607002022	607004022	607006022	607008022	607010022	607015022	-	7F	

CATHETER WORKING LENGTH - 200 CM									
BALLOON DIAMETER (mm)	20	40	60	80	100	150	240	SHEATH COMPATIBILITY	
5.0	605002032	605004032	605006032	605008032	605010032	605015032	605024032	6F	
6.0	606002032	606004032	606006032	606008032	606010032	606015032	606024032		
7.0	607002032	607004032	607006032	607008032	607010032	607015032	-	7F	

MODEL NUMBER	PRODUCT NAME	DIAMETER	TIP LOAD SUPPORT	LENGTH
PSP14S-30004	014 Shepherd ES	.014"	4 grams	300 cm
PSP18S-30004	018 Shepherd ES	.018"	4 grams	300 cm
PSP14S-30006	014 Shepherd	.014"	6 grams	300 cm
PSP18S-30006	018 Shepherd	.018"	6 grams	300 cm
PSP14S-30012	014 Shepherd 12	.014"	12 grams	300 cm
PSP18S-30012	018 Shepherd 12	.018"	12 grams	300 cm
PSP14S-30030	014 Shepherd 30	.014"	30 grams	300 cm
PSP18S-30030	018 Shepherd 30	.018"	30 grams	300 cm

MODEL NUMBER	DESCRIPTION	SIZE	LENGTH
035-XC-200-0	Straight	5 Fr	200 cm
035-XC-200-1	30° Angled	5 Fr	200 cm

(0.035" guidewire compatible)

MODEL NUMBER	PRODUCT NAME	DIAMETER	TYPE	LENGTH
P1VC-014STR-135	ViperCross Support Catheter	.014"	Straight	135 cm
P1VC-014STR-150	ViperCross Support Catheter	.014"	Straight	150 cm
P1VC-018STR-065	ViperCross Support Catheter	.018"	Straight	65 cm
P1VC-018STR-090	ViperCross Support Catheter	.018"	Straight	90 cm
P1VC-018STR-135	ViperCross Support Catheter	.018"	Straight	135 cm
P1VC-018STR-150	ViperCross Support Catheter	.018"	Straight	150 cm
P1VC-035STR-065	ViperCross Support Catheter	.035"	Straight	65 cm
P1VC-035STR-090	ViperCross Support Catheter	.035"	Straight	90 cm
P1VC-035STR-135	ViperCross Support Catheter	.035"	Straight	135 cm
P1VC-035STR-150	ViperCross Support Catheter	.035"	Straight	150 cm
P1VC-035ANG-065	ViperCross Support Catheter	.035"	Angled	65 cm
P1VC-035ANG-090	ViperCross Support Catheter	.035"	Angled	90 cm
P1VC-035ANG-135	ViperCross Support Catheter	.035"	Angled	135 cm
P1VC-035ANG-150	ViperCross Support Catheter	.035"	Angled	150 cm

MODEL NUMBER	DESCRIPTION	SHAFT LENGTH	QUANTITY
VPR-GW-200	0.012"/0.014" Tip	200 cm	Box of 5
VPR-GW-14	0.014"/0.014" Tip	335 cm	Box of 5
VPR-GW-17	0.014"/0.017" Tip	335 cm	Box of 5
VPR-GW-EL14	0.014"/0.014" Tip	475 cm	Box of 5
VPR-GW-EL18	0.014"/0.018" Tip	475 cm	Box of 5

MODEL NUMBER	DESCRIPTION	SHAFT LENGTH	QUANTITY
VPR-GW-FLEX14	0.014"/0.014" Tip	335 cm	Box of 5
VPR-GW-FLEX18	0.014"/0.018" Tip	335 cm	Box of 5



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