



Iliac

PROCEDURE GUIDE

Fight Against Disease

For nearly half a century, Cook Medical has worked shoulder to shoulder with the pioneers of peripheral medicine to deliver the technologies that advance minimally invasive healthcare.

Today we are even more focused on the fight against peripheral arterial disease (PAD) of the legs. Doing the right thing for the right reason and never compromising when it comes to patient care—that is how we move medicine forward.

PAD FACTS

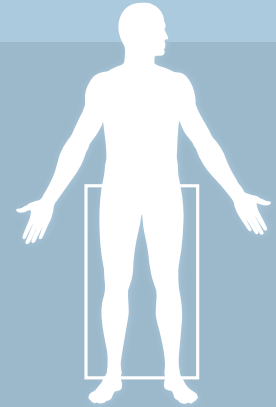
27 million people in Europe and North America suffer from PAD.¹

20% of people with PAD will suffer a nonfatal heart attack or stroke and nearly **30%** will die within 5 years.²

A potential consequence of PAD is **amputation**.

The typical life expectancy of a person after lower-limb amputation is less than **5 years**.³

Diabetes is a leading risk factor of PAD.



PAD AFFECTS

27
MILLION


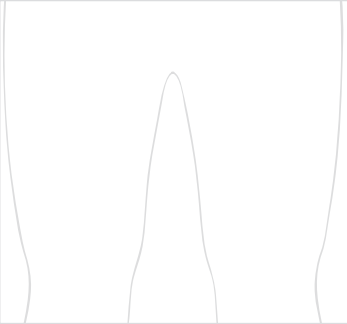

PEOPLE IN EUROPE
AND NORTH AMERICA

Advancing Leg Therapies

Cook Medical is focused on the treatment of PAD of the legs with a comprehensive line of peripheral products. In addition, our clinical trials and educational workshops are available to help you efficiently and successfully treat disease.

Your focus is on the distinct challenges each patient presents—our focus is on supporting you with solutions that increase efficiency and improve outcomes. Our goal is to be a better procedural partner by providing you with the tools you need to access, target and treat disease effectively.



		ACCESS		TARGET		TREAT	
ILIAC		Micropuncture INTRODUCER SETS Needle PERCUTANEOUS ENTRY HiWire HYDROPHILIC WIRE GUIDE	Roadrunner PC HYDROPHILIC WIRE GUIDE Fixed Core WIRE GUIDE Performer INTRODUCER SETS	Slip-Cath HYDROPHILIC BEACON* TIP CATHETER Royal Flush* Plus BEACON TIP CATHETER	Flexor Ansel GUIDING SHEATH Flexor Raabe GUIDING SHEATH Flexor Balkin GUIDING SHEATH	Advance 18LP PTA BALLOON Zilver 518* VASCULAR STENT Zilver 518 RX VASCULAR STENT	Advance 35LP PTA BALLOON Zilver 635 VASCULAR STENT
		Micropuncture INTRODUCER SETS Needle PERCUTANEOUS ENTRY HiWire HYDROPHILIC WIRE GUIDE Roadrunner PC HYDROPHILIC WIRE GUIDE	Fixed Core WIRE GUIDE Performer INTRODUCER SETS	Flexor Ansel GUIDING SHEATH Flexor Raabe GUIDING SHEATH Flexor Balkin GUIDING SHEATH Royal Flush Plus BEACON TIP CATHETER	Slip-Cath HYDROPHILIC BEACON TIP CATHETER Approach CTO WIRE GUIDE CXI SUPPORT CATHETER	Advance 18LP PTA BALLOON Advance 35LP PTA BALLOON	
		Micropuncture INTRODUCER SETS Needle PERCUTANEOUS ENTRY HiWire HYDROPHILIC WIRE GUIDE Roadrunner PC HYDROPHILIC WIRE GUIDE	Fixed Core WIRE GUIDE Performer INTRODUCER SETS	Flexor Ansel GUIDING SHEATH Flexor Raabe GUIDING SHEATH Flexor Balkin GUIDING SHEATH Shuttle Tibial INFRAPOPLITEAL ACCESS SYSTEM	Slip-Cath HYDROPHILIC BEACON TIP CATHETER Approach Hydro ST WIRE GUIDE Approach CTO WIRE GUIDE CXI SUPPORT CATHETER	Advance 14LP PTA BALLOON	

ILIAC SYSTEM

Cook Medical's iliac system devices were designed to work together and provide solutions to treat iliac lesions based on physician preference and patient need. Our peripheral-specific devices are engineered to help you safely **access, target and treat** iliac disease and improve patient outcomes.

1

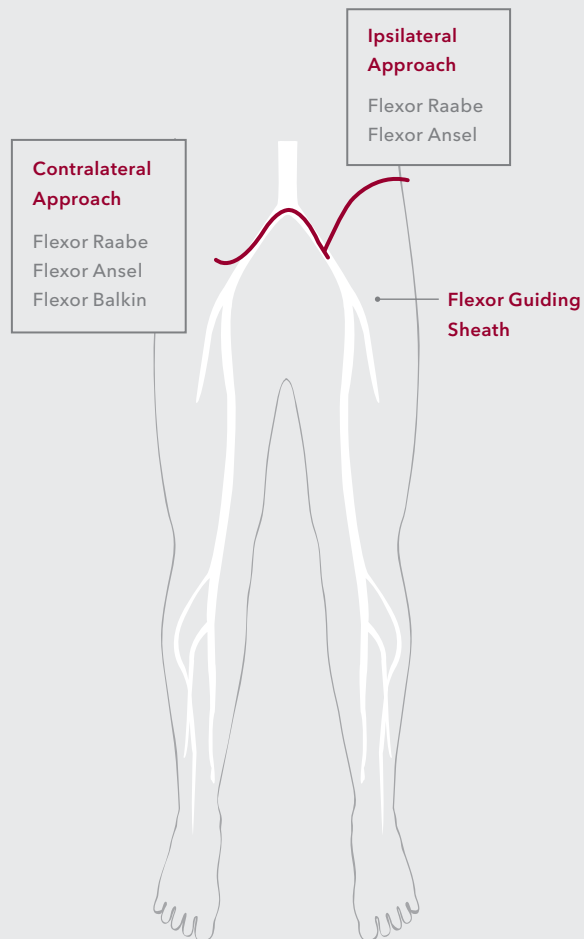
ACCESS



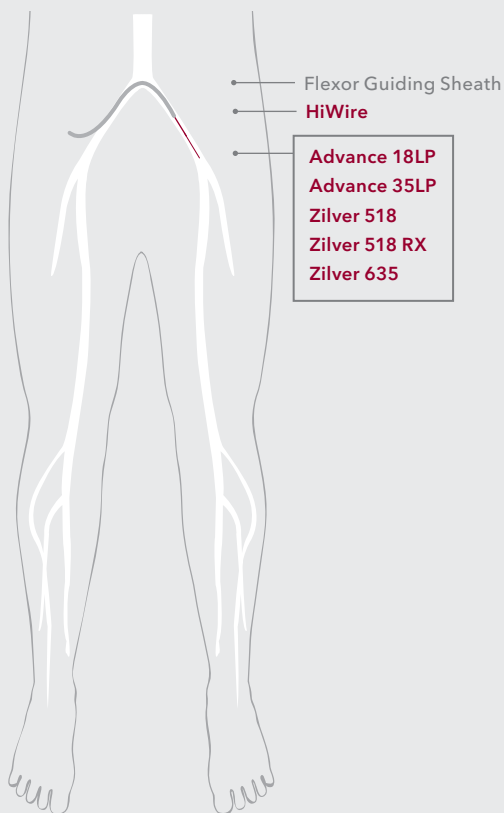
Gain access for iliac procedures with Micropuncture Introducer Sets.

2

TARGET



Target the lesion by a contralateral or ipsilateral approach using our Flexor Raabe or Flexor Ansel guiding sheaths.



For treatment of iliac lesions, choose from the Advance 18LP or Advance 35LP PTA balloons along with the Zilver 518, 518 RX or Zilver 635 vascular self-expanding stents.

ACCESS

Choosing the right minimally invasive vascular access products is a crucial step in your interventional procedure. You need options that address the differences in each patient's anatomy and your own procedural preferences.

Cook Medical's broad line of access products is designed to give you those options. Minimize access site bleeding complications⁴ and maximize procedural success.



Experience **ultra-smooth insertion**
with our Silhouette® Transitionless™ tip.

Micropuncture®

INTRODUCER SET

FEWER COMPLICATIONS

In a study by Shah et al., access site bleeding complication rates dropped from 11.7% to 2.6% when Micropuncture was used.⁴

SHARP AND SMOOTH

All sets feature Cook's renowned needles. The introducer's Silhouette Transitionless tip glides into the vessel with less force than ever before.*

MORE OPTIONS

Choose from 4 and 5 Fr catheters, stainless steel or nitinol wires, EchoTip® needles for ultrasound visualization, and Push-Plus™ stiffened cannulas for difficult-vessel entry.

*Data on file.

Bleeding Complication Rates⁴

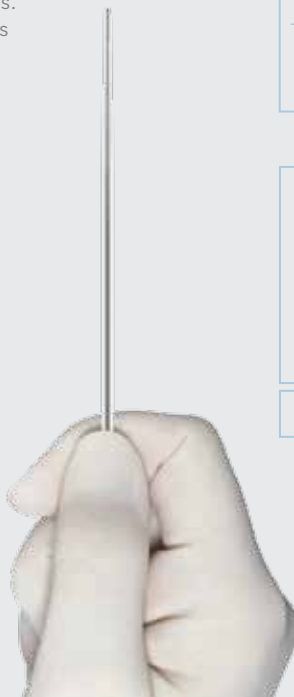
	Micropuncture Needle	18 gage Needle	P Value
Total	2.6%	11.7%	< 0.01
Major	0%	2.8%	



Standard



Silhouette Transitionless



Enhanced coating for
optimum performance.

HiWire®

HYDROPHILIC WIRE GUIDE

ENHANCED COATING

New and improved coating provides superior, long-lasting lubricity to facilitate diagnostic and interventional procedures.

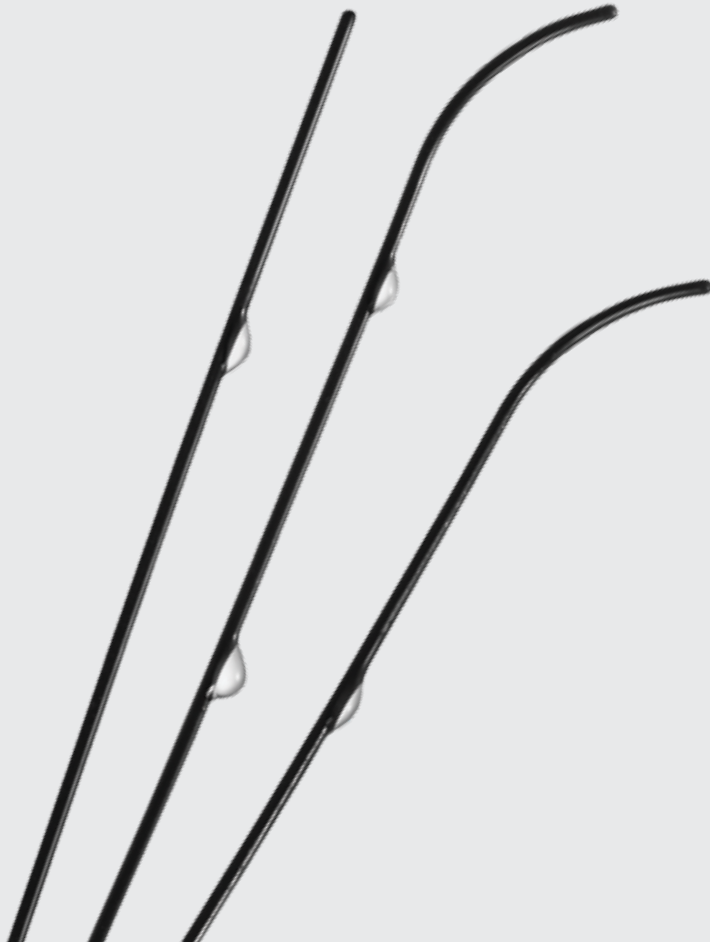
TOTAL CONTROL

Optimum shaft stiffness and tip flexibility, combined with 1:1 torque response, provide maximum directional control.

GREATER VISIBILITY

Advanced materials make the HiWire hydrophilic wire guides more radiopaque than other hydrophilic wire guides.*

*Data on file.



ACCESS

TARGET

TREAT

TARGET

When navigating through tortuous anatomy, you need every advantage—and Cook Medical products are up to the challenge. Designed to be highly visible and highly maneuverable, our low-profile products provide the pushability, trackability and kink resistance that get you to your destination.

Plus, they're available in the sizes, shapes and configurations you need for treating your patients. Confidently advance to your target while minimizing your procedure time. Cook products will get you there.

Target any vessel with Flexor confidence.

Flexor® Technology

GUIDING SHEATHS

TRACKABILITY AND CHOICE

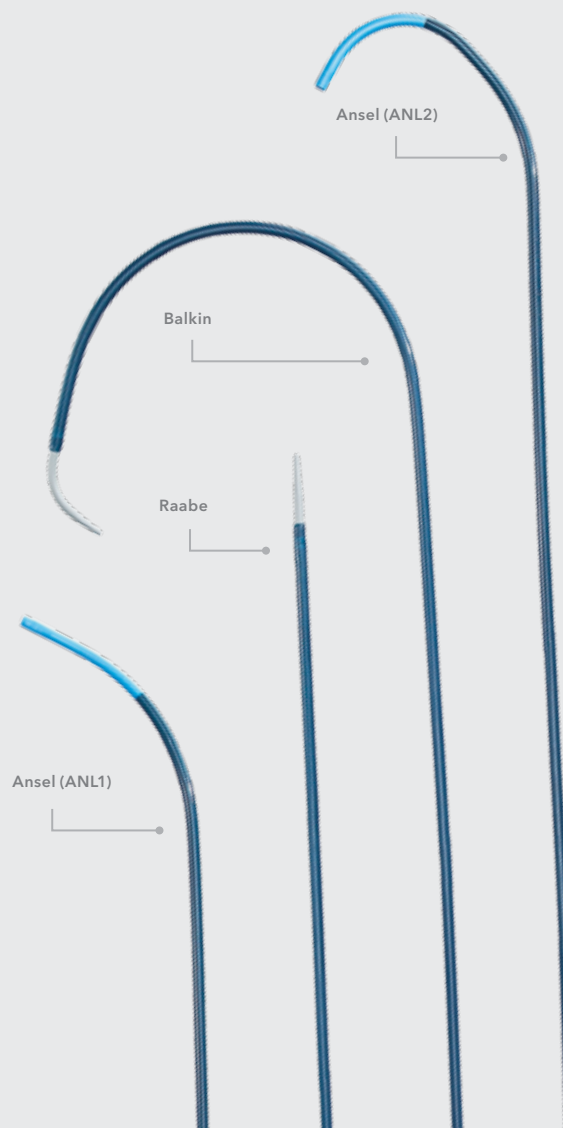
The **Flexor Ansel** offers gentle curves, a soft tip and a hydrophilic coating, which enhance trackability while .018" and .038" compatible dilators provide choice in platform.

VERSATILITY

The straight configuration of the **Flexor Raabe** sheath provides a platform able to meet your procedural needs.

DEPENDABLE

The **Flexor Balkin** has a 180° curve that anchors across the bifurcation to stabilize your contralateral access.



Trusted performance in all of your procedures, from the everyday to the extreme.

Slip-Cath®

DIAGNOSTIC CATHETERS

EASE OF INSERTION

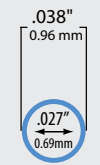
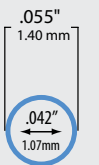
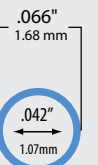
Slip-Cath's hydrophilic coating and tapered tip slide easily into selected vessels with minimal force.

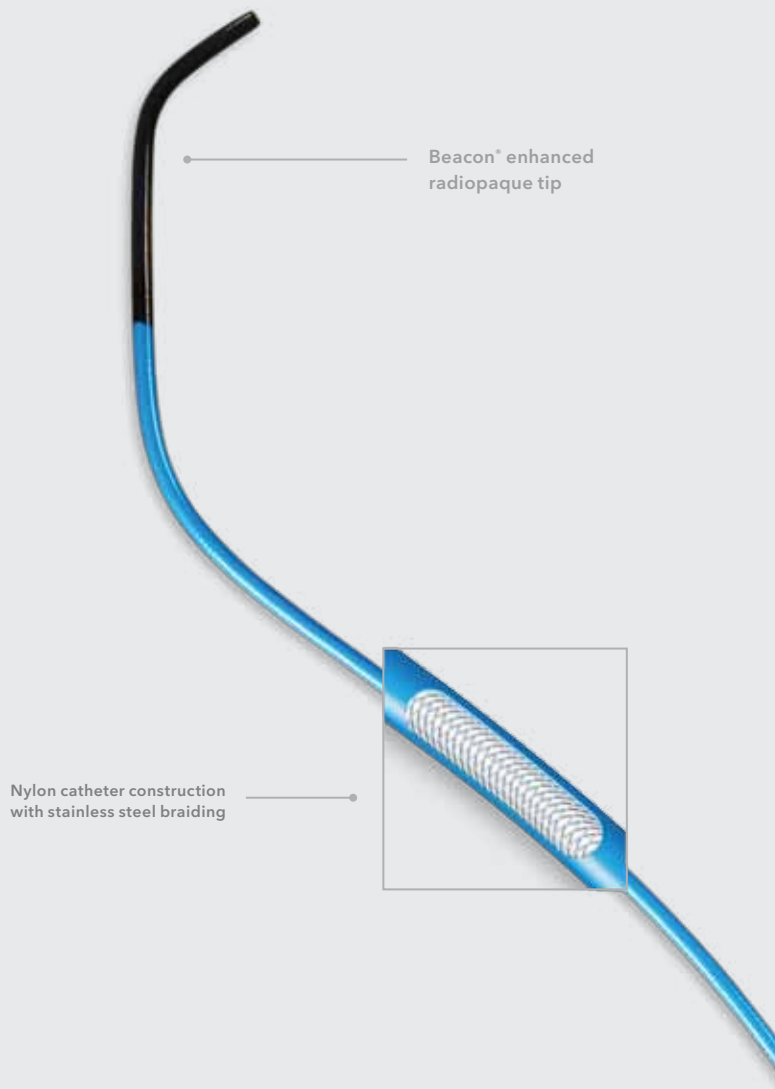
SUPERIOR VISUALIZATION

Cook's Beacon® enhanced radiopaque tip technology ensures excellent visibility during catheter manipulation.

SUPERIOR KINK RESISTANCE

Braided stainless steel construction from hub to tip provides maximum control and pushability—minimizing kinking in tight curves.

French/Diameters		
		
3 Fr	4 Fr	5 Fr



ACCESS

TARGET

TREAT

TREAT

As an interventionalist, you have a strategy to deal with every possible turn of events during an interventional procedure. You plan, you anticipate, you prepare. The success of each procedure you undertake depends upon your skill and the quality of the products you use.

Your patient outcomes improve when you choose products whose performance is reliable. You can depend on Cook Medical. Proven products. Predictable results. Positive outcomes.

Cross lesions like never before
with the Advance 18LP balloon.

Advance® 18LP

LOW PROFILE PTA BALLOON DILATATION CATHETER

LOW PROFILE

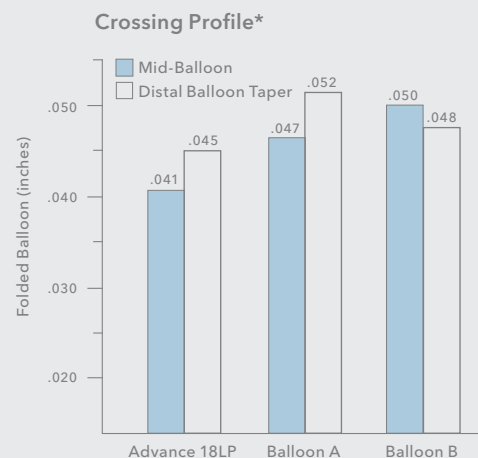
Cross lesions easily with a low balloon profile and robust pushability. Super-flexible tip maneuvers easily through tortuous vasculature.

RAPID INFLATION/DEFLATION

Optimized balloon inflation time expedites your procedure, and advanced rewrap technology provides fast balloon deflation for quick restoration of blood flow.

COMPLEMENTARY PRODUCTS

- Zilver 518 vascular stent
- 5 Fr Flexor guiding sheath
- HiWire .018" hydrophilic wire guide



* Advance 18LP (6 mm x 4 cm) compared to other leading PTA balloons. Data on file.



Unique double-lumen
design rapidly inflates
and deflates balloon

Perform your iliac procedures through
a 5 Fr sheath with Zilver 518.

Zilver 518 is available both
in over-the-wire and rapid-
exchange configurations.

Zilver 518®

VASCULAR SELF-EXPANDING STENT

SMALL 5 FR SYSTEM

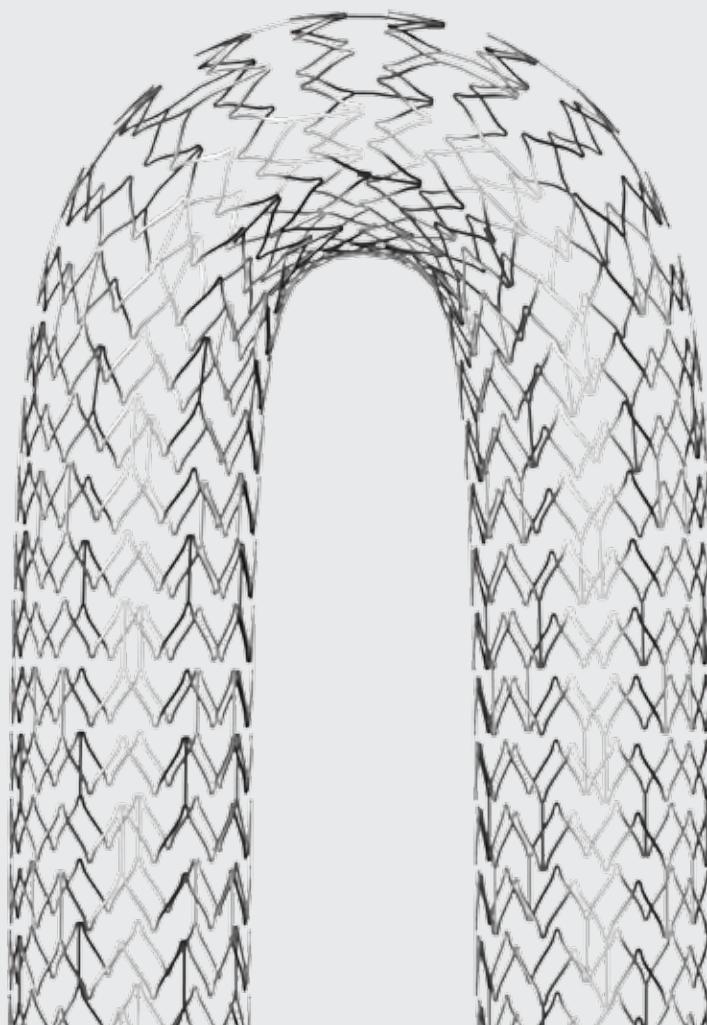
- Advance® 18LP angioplasty balloon.
- 5 Fr Flexor® guiding sheath.
- HiWire® hydrophilic .018 inch wire guide.

PROVEN PERFORMANCE

The Zilver vascular stent has been clinically proven to maintain 92.9% patency in the iliacs at 9 months.⁵

PROVEN DURABILITY

A recently published retrospective review of iliac stenting revealed no fractures in the Zilver Vascular Stents.⁶



ACCESS

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Expand your procedural options with the first 8 mm x 8 cm balloon able to pass through a 5 Fr sheath.

Advance® 35LP

LOW PROFILE PTA BALLOON DILATATION CATHETER

PIONEERING REWRAP TECHNOLOGY

Starcast™ Shoulders provide superior sheath compatibility and sheath reinsertion abilities.

TEXTURED BALLOON SURFACE

Pliaform™ technology reduces surface friction. Combined with the lowest crossing profile, it eases crossing of lesions.

SUPERIOR SHAFT TECHNOLOGY

Cook's optimized D-shaped lumen design ensures rapid deflation while maintaining superb pushability and trackability.

Pliaform Balloon Surface Texture



Starcast Shoulders



Choose the vascular stent with
proven clinical performance.

Zilver 635®

VASCULAR SELF-EXPANDING STENT

PROVEN PERFORMANCE

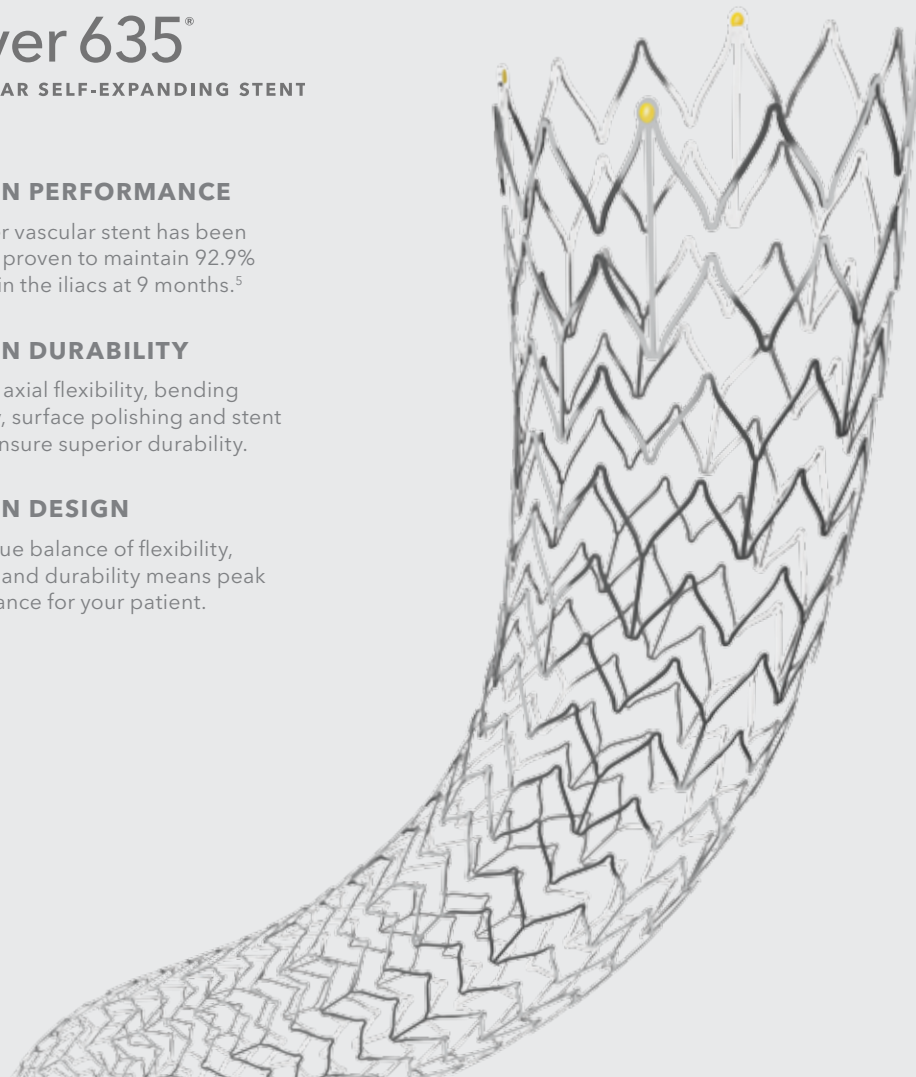
The Zilver vascular stent has been clinically proven to maintain 92.9% patency in the iliacs at 9 months.⁵

PROVEN DURABILITY

Superior axial flexibility, bending flexibility, surface polishing and stent design ensure superior durability.

PROVEN DESIGN

The unique balance of flexibility, strength and durability means peak performance for your patient.



ACCESS

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TREAT

Ordering Information

Micropuncture®

INTRODUCER SETS

Global Product Number	Order Number
.018 inch Nitinol Wire Guide – Standard Cannula	
G47942	MPIS-401-NT-SST
G43870	MPIS-501-NT-SST
.018 inch Nitinol Wire Guide – Stiffened Cannula	
G48003	MPIS-401-10.0-SC-NT-SST
G48007	MPIS-501-10.0-SC-NT-SST
.018 inch Stainless Steel Wire Guide – Standard Cannula	
G47940	MPIS-401-SST
G36333	MPIS-501-SST
.018 inch Nitinol Wire Guide – Stiffened Cannula	
G48002	MPIS-401-10.0-SC-SST
G48006	MPIS-501-10.0-SC-SST

HiWire®

HYDROPHILIC WIRE GUIDES

Global Product Number	Order Number
Standard Shaft – Angled Tip	
G36282	HWA-35-150
G36284	HWA-35-180
G36300	HWA-35-260
Stiff Shaft – Angled Tip	
G36290	HWAS-35-150
G36292	HWAS-35-180
G36293	HWAS-35-260
Stiff Shaft –Straight Tip	
G36291	HWS-35-150
G36326	HWS-35-180
G36327	HWS-35-260

ACCESS

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Ordering Information

Flexor®

GUIDING SHEATHS

Global Product Number	Order Number
Flexor Raabe	
G13009	KCFW-5.0-38-55-RB-RAABE
G11638	KCFW-6.0-38-55-RB-RAABE
G11633	KCFW-7.0-38-55-RB-RAABE
G12242	KCFW-8.0-38-55-RB-RAABE
Flexor Balkin	
G12656	KCFW-5.5-38-40-RB-BLKN
G10383	KCFW-6.0-38-40-RB-BLKN
G10384	KCFW-7.0-38-40-RB-BLKN
G10385	KCFW-8.0-38-40-RB-BLKN
G32224	KCFW-6.0-38-40-RB-BLKN-HC
G32225	KCFW-7.0-38-40-RB-BLKN-HC
G32216	KCFW-8.0-38-40-RB-BLKN-HC
Flexor Ansel	
G48186	KCFW-4.0-18/35-45-RB-ANL0-HC
G44153	KCFW-5.0-18/38-45-RB-ANL0-HC
G29981	KCFW-5.0-18/38-45-RB-ANL1-HC
G30117	KCFW-5.0-18/38-45-RB-ANL2-HC
G44154	KCFW-6.0-18/38-45-RB-ANL0-HC
G29982	KCFW-6.0-18/38-45-RB-ANL1-HC
G29983	KCFW-6.0-18/38-45-RB-ANL2-HC
G44155	KCFW-7.0-18/38-45-RB-ANL0-HC
G29985	KCFW-7.0-18/38-45-RB-ANL1-HC
G29986	KCFW-7.0-18/38-45-RB-ANL2-HC
G49099	KCFW-8.0-18/38-45-RB-ANL0-HC
G49101	KCFW-9.0-18/38-45-RB-ANL0-HC
G49102	KCFW-9.0-18/38-45-RB-ANL1-HC
G47700	KCFW-10.0-35-45-RB-HFANL1-HC
G47701	KCFW-12.0-35-45-RB-HFANL1-HC

Performer™ Micropuncture®

INTRODUCERS

Global Product Number	Order Number
G53198	RCFN-4.0-18-MPIS-NT-BV
G53199	RCFN-5.0-18-MPIS-NT-BV
G53200	RCFN-6.0-18-MPIS-NT-BV
G53201	RCFN-7.0-18-MPIS-NT-BV
G53202	RCFN-8.0-18-MPIS-NT-BV

Ordering Information

Slip-Cath®

BEACON® TIP ANGIOGRAPHIC CATHETERS

Global Product Number	Order Number
G31019	SCBR4.0-38-65-P-NS-KMP
G31021	SCBR4.0-38-65-P-NS-C2
G36319	SCBR4.0-38-65-P-NS-TC
G36321	SCBR4.0-38-65-P-NS-TC-BNK
G11994	SCBR5.0-38-65-P-NS-C2
G11995	SCBR5.0-38-65-P-NS-RIM
G12009	SCBR5.0-38-65-P-NS-0
G12156	SCBR5.0-38-65-P-NS-KMP
G36320	SCBR5.0-38-65-P-NS-TC
G36322	SCBR5.0-38-65-P-NS-TC-BNK
G13431	SCBR5.0-38-80-P-NS-VS
G12006	SCBR5.0-38-80-P-NS-C2

CXI™

SUPPORT CATHETERS

Global Product Number	Order Number
.035 inch Wire Guide	
G52546	CXI-4.0-35-90-P-NS-0
G52542	CXI-4.0-35-135-P-NS-0
G52544	CXI-4.0-35-150-P-NS-0
G52547	CXI-4.0-35-90-P-NS-DAV
G52543	CXI-4.0-35-135-P-NS-DAV
G52545	CXI-4.0-35-150-P-NS-DAV

ACCESS

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TREAT

Ordering Information

Advance® 18LP
LOW-PROFILE PTA BALLOON DILATATION CATHETERS

Global Product Number	Order Number
.018 inch Wire Guide – 80 cm Shaft	
G50244	PTA4-18-80-6-2
G50246	PTA4-18-80-6-4
G50248	PTA4-18-80-6-6
G50250	PTA4-18-80-6-8
G50254	PTA4-18-80-7-2
G50256	PTA4-18-80-7-4
G50258	PTA4-18-80-7-6
G50260	PTA4-18-80-7-8
G50265	PTA4-18-80-8-2
G50267	PTA4-18-80-8-4
G50269	PTA4-18-80-8-6
G50271	PTA4-18-80-8-8

Advance® 35LP
LOW-PROFILE PTA BALLOON DILATATION CATHETERS

Global Product Number	Order Number
.035 inch Wire Guide – 80 cm Shaft	
G52344	PTA5-35-80-6-2.0
G52345	PTA5-35-80-6-4.0
G52346	PTA5-35-80-6-6.0
G52347	PTA5-35-80-6-8.0
G52351	PTA5-35-80-7-2.0
G52352	PTA5-35-80-7-4.0
G52353	PTA5-35-80-7-6.0
G52354	PTA5-35-80-7-8.0
G52358	PTA5-35-80-8-2.0
G52359	PTA5-35-80-8-4.0
G52360	PTA5-35-80-8-6.0
G52361	PTA5-35-80-8-8.0
G52365	PTA5-35-80-9-3.0
G52366	PTA5-35-80-9-4.0
G52367	PTA5-35-80-9-6.0
G52368	PTA5-35-80-9-8.0
G52372	PTA5-35-80-10-3.0
G52373	PTA5-35-80-10-4.0
G52374	PTA5-35-80-10-6.0
G52375	PTA5-35-80-10-8.0

Ordering Information

Zilver 518®

SELF-EXPANDING VASCULAR STENTS

Global Product Number	Order Number
.018 inch Wire Guide – 125 cm Shaft	
G43769	ZIV5-18-125-6-20
G43770	ZIV5-18-125-6-30
G43771	ZIV5-18-125-6-40
G43772	ZIV5-18-125-6-60
G43773	ZIV5-18-125-6-80
G43774	ZIV5-18-125-7-20
G43775	ZIV5-18-125-7-30
G43776	ZIV5-18-125-7-40
G43777	ZIV5-18-125-7-60
G43778	ZIV5-18-125-7-80
G43779	ZIV5-18-125-8-20
G43780	ZIV5-18-125-8-30
G43781	ZIV5-18-125-8-40
G43782	ZIV5-18-125-8-60
G43783	ZIV5-18-125-8-80
G43784	ZIV5-18-125-9-20
G43785	ZIV5-18-125-9-30
G43786	ZIV5-18-125-9-40
G43787	ZIV5-18-125-9-60
G43788	ZIV5-18-125-9-80
G43789	ZIV5-18-125-10-20
G43790	ZIV5-18-125-10-30
G43791	ZIV5-18-125-10-40
G43792	ZIV5-18-125-10-60
G43793	ZIV5-18-125-10-80

Zilver 518® RX

SELF-EXPANDING VASCULAR STENTS

Global Product Number	Order Number
.018 inch Wire Guide – 125 cm Shaft	
G49309	ZIVX5-18-125-6-20
G49310	ZIVX5-18-125-6-30
G49311	ZIVX5-18-125-6-40
G49312	ZIVX5-18-125-6-60
G49313	ZIVX5-18-125-6-80
G49314	ZIVX5-18-125-7-20
G49315	ZIVX5-18-125-7-30
G49316	ZIVX5-18-125-7-40
G49317	ZIVX5-18-125-7-60
G49318	ZIVX5-18-125-7-80
G49319	ZIVX5-18-125-8-20
G49320	ZIVX5-18-125-8-30
G49321	ZIVX5-18-125-8-40
G49322	ZIVX5-18-125-8-60
G49323	ZIVX5-18-125-8-80
G49324	ZIVX5-18-125-9-20
G49325	ZIVX5-18-125-9-30
G49326	ZIVX5-18-125-9-40
G49327	ZIVX5-18-125-9-60
G49328	ZIVX5-18-125-9-80
G49329	ZIVX5-18-125-10-20
G49330	ZIVX5-18-125-10-30
G49331	ZIVX5-18-125-10-40
G49332	ZIVX5-18-125-10-60
G49333	ZIVX5-18-125-10-80

Ordering Information

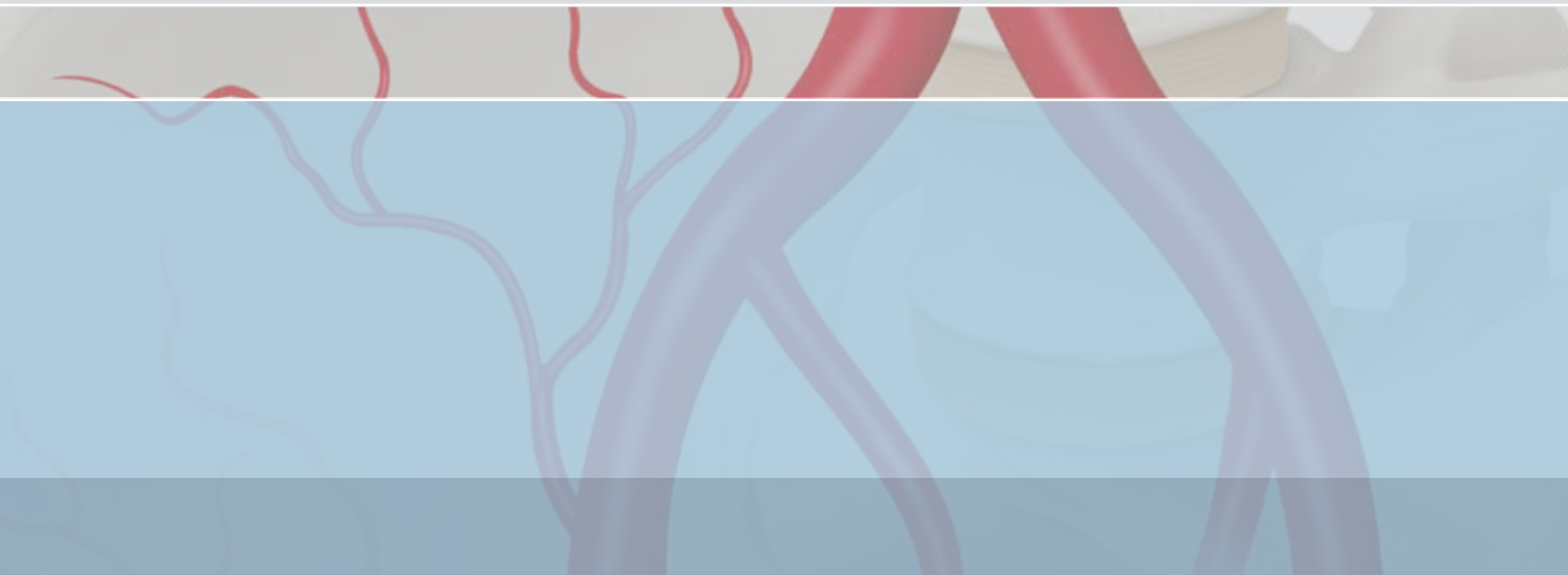
Zilver 635®

SELF-EXPANDING VASCULAR STENTS

Global Product Number	Order Number
.035 inch Wire Guide – 80 cm Shaft	
G43844	ZIV6-35-80-6-20
G43845	ZIV6-35-80-6-30
G43846	ZIV6-35-80-6-40
G43847	ZIV6-35-80-6-60
G43848	ZIV6-35-80-6-80
G43849	ZIV6-35-80-7-20
G43850	ZIV6-35-80-7-30
G43851	ZIV6-35-80-7-40
G43852	ZIV6-35-80-7-60
G43853	ZIV6-35-80-7-80
G43854	ZIV6-35-80-8-20
G43855	ZIV6-35-80-8-30
G43856	ZIV6-35-80-8-40
G43857	ZIV6-35-80-8-60
G43858	ZIV6-35-80-8-80
G43859	ZIV6-35-80-9-20
G43860	ZIV6-35-80-9-30
G43861	ZIV6-35-80-9-40
G43862	ZIV6-35-80-9-60
G43863	ZIV6-35-80-9-80
G43864	ZIV6-35-80-10-20
G43865	ZIV6-35-80-10-30
G43866	ZIV6-35-80-10-40
G43867	ZIV6-35-80-10-60
G43868	ZIV6-35-80-10-80

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1. Belch JJ, Topol EJ, Agnelli G, et al. Critical issues in peripheral arterial disease detection and management: a call to action. *Arch Intern Med*. 2003;163(8):884-892.
2. Creager M. PAD: The science base for messages. Presented at: NHLBI Workshop on Peripheral Arterial Disease (PAD): Developing a Public Awareness Campaign; January 15, 2003; Bethesda, MD.
3. Save a Leg, Save a Life Foundation. Amputations facts. Save a Leg, Save a Life Foundation Web site. <http://www.savealegsavelife.com>. Accessed November 4, 2009.
4. Shah H, Bansal A, Srinivasan V, et al. Vascular access site bleeding complications with Micropuncture needle in patients undergoing cardiac catheterization: a comparison with conventional Cook needle. Poster presented at: The Society for Cardiovascular Angiography and Interventions 29th Annual Scientific Sessions; May 10-13, 2006; Chicago, IL. Abstract D-45.
5. Krol KL, Saxon RR, Farhat N, et al. Clinical evaluation of the Zilver vascular stent for symptomatic iliac artery disease. *J Vasc Interv Radiol*. 2008;19(1):15-22.
6. Higashiura W, Kubota Y, Sakaguchi S, et al. Prevalence, factors, and clinical impact of self-expanding stent fractures following iliac artery stenting. *J Vasc Surg*. 2009;49(3):645-652.



AORTIC INTERVENTION
CRITICAL CARE
ENDOSCOPY
INTERVENTIONAL RADIOLOGY
LEAD MANAGEMENT
PERIPHERAL INTERVENTION
SURGERY
UROLOGY
WOMEN'S HEALTH



Customer Service Centers

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