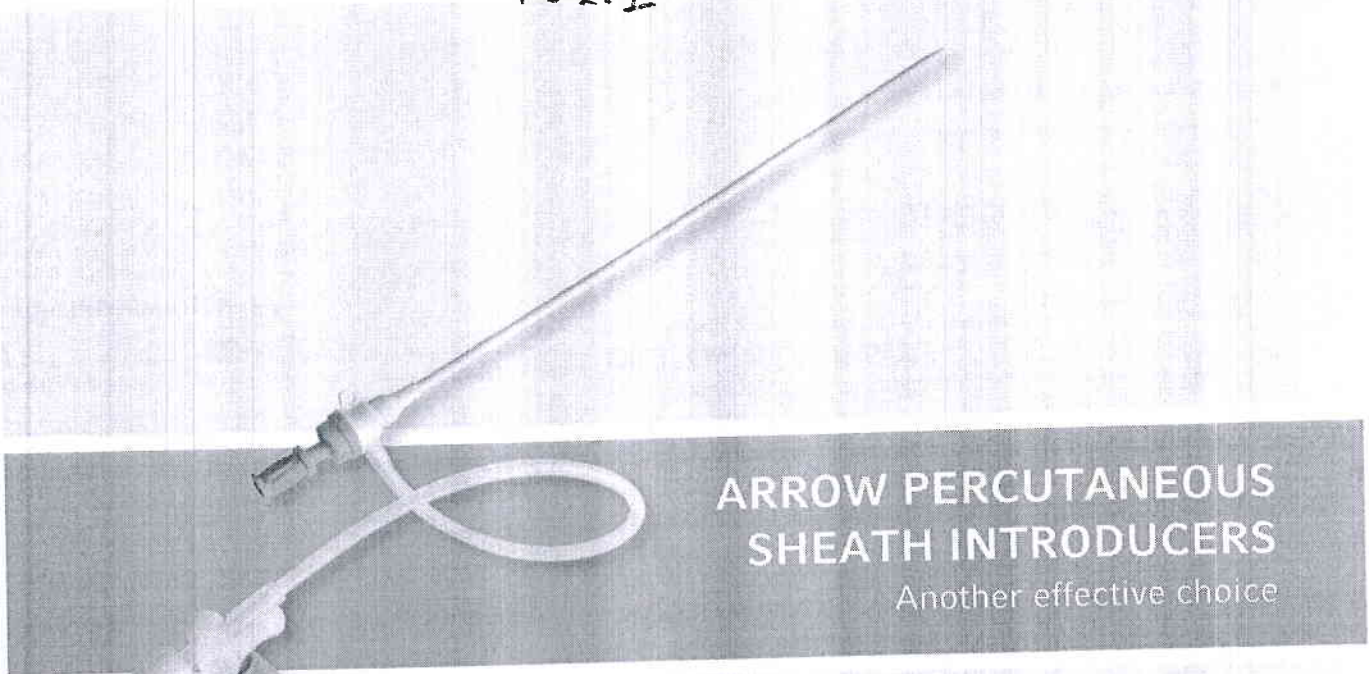


Part 1 + 2



## ARROW PERCUTANEOUS SHEATH INTRODUCERS

Another effective choice

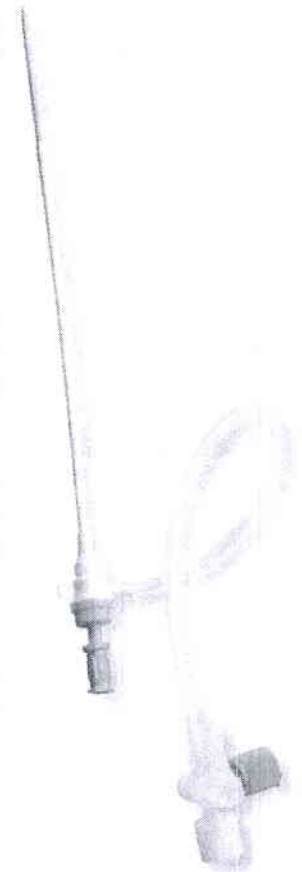
### AT A GLANCE

- highly kink-resistant Polyurethane shaft
- reduced kinking at hub through stress-relief hub sleeve
- reduced peel-back effect due to special design
- protection against blood contamination through Raulerson Syringe
- hydrophilic coating on distal sheath enhances placement

Through the ARROW brand, Teleflex provides an immense assortment of high-end products for vascular access. Thanks to the outstanding construction, the sheath introducers offered here reduce the potential for complications in both arterial and venous applications.

An outstanding kink-resistance due to use of our blend Polyurethane and our special stress-relief hub sleeve at the hub; reduced instances of peel-back or buckling thanks to the thicker tip and the heavy-walled design; ease of use and added protection against blood contamination through our exclusive Raulerson Syringe ensure a safe performance throughout the whole procedure.

Moreover, the wide array of sheaths sets and individual sheaths given, assures that you will have the flexibility in choices for multiple vascular applications.



\* U.S. Patent Nos. 4,813,938, 5,045,065, and 5,913,814;  
additional international patents.  
Advanced Patent Nos. 6,477,402 and 5,484,419.

**Teleflex**

Ref. 18 + 19 + 23



PTA BALLOON CATHETER

### Ordering Information

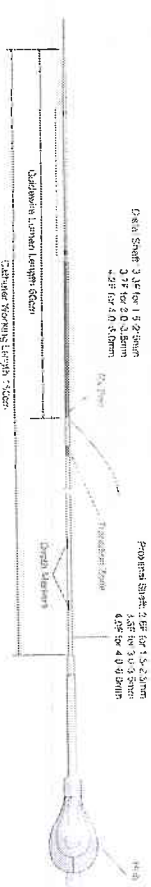
Balloon Diameter (mm)	Balloon Working Length (mm)					New Sizes	0.034" GW
	15	20	20	30	120		
1.5	515-015-41	515-020-41	515-040-41	515-120-41	515-120-41	515-180-41	515-240-41
2.0	520-015-41	520-020-41	520-040-41	520-080-41	520-120-41	525-180-41	525-240-41
2.5	525-020-41	525-020-41	525-040-41	525-080-41	525-120-41	530-180-41	530-240-41
3.0	530-015-41	530-020-41	530-040-41	530-080-41	530-120-41	535-180-41	535-240-41
3.5	535-020-41	535-020-41	535-040-41	535-080-41	535-120-41	540-180-41	540-240-41
4.0	540-015-41	540-020-41	540-040-41	540-080-41	540-120-41	545-180-41	545-240-41
4.5	545-020-41	545-020-41	545-040-41	545-080-41	545-120-41	550-180-41	550-240-41
5.0	550-015-41	550-020-41	550-040-41	550-080-41	550-120-41	555-180-41	555-240-41
5.5	555-020-41	555-020-41	555-040-41	555-080-41	555-120-41	560-180-41	560-240-41
6.0	560-015-41	560-020-41	560-040-41	560-080-41	560-120-41	565-180-41	565-240-41

Available only in selected countries. Please contact our sales representative for further information.

### Compliance Chart

Pressure (mm Hg)	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
2 (2834)	1.41	1.88	2.37	2.82	3.27	3.70	4.22	4.67	5.09	5.60
3 (4066)	1.43	1.90	2.40	2.86	3.32	3.76	4.27	4.74	5.17	5.65
5 (699)	1.45	1.93	2.42	2.88	3.35	3.82	4.33	4.80	5.26	5.76
8 (1051)	1.47	1.95	2.45	2.93	3.41	3.85	4.39	4.87	5.34	5.84
10 (1403)	1.48	1.98	2.47	2.96	3.45	3.91	4.44	4.93	5.42	5.92
NOM* 12 (1716)	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
14 (1818)	1.52	2.02	2.52	3.02	3.52	4.02	4.56	5.07	5.58	6.08
16 (1921)	1.53	2.05	2.55	3.07	3.59	4.12	4.61	5.13	5.66	6.16
18 (1924)	1.56	2.07	2.58	3.11	3.64	4.18	4.67	5.20	5.74	6.24
20 (2027)	1.57	2.10	2.60	3.14	3.68	4.24	4.73	5.26	5.83	6.32
RBH** 22 (2229)	1.59	2.12	2.63	3.18	3.73	4.30	4.78	5.33	5.91	6.40
24 (2332)	1.60	2.14	2.65	3.22	3.78	4.36	4.84	5.40	-	-
26 (2534)	1.62	2.17	2.68	3.25	3.82	4.42	-	-	-	-

Normal Pressure: The normal in vitro device specifications do not take into account any vessel resistance.  
 \*Rated Inlet Pressure: 2x NOM. \*\*Rated Inlet Pressure: 4x NOM. \*Flow: 1.5-4.0dm<sup>3</sup>/min, 4.0-5.0dm<sup>3</sup>/min, 5.0-6.0dm<sup>3</sup>/min, 6.0dm<sup>3</sup>/min.

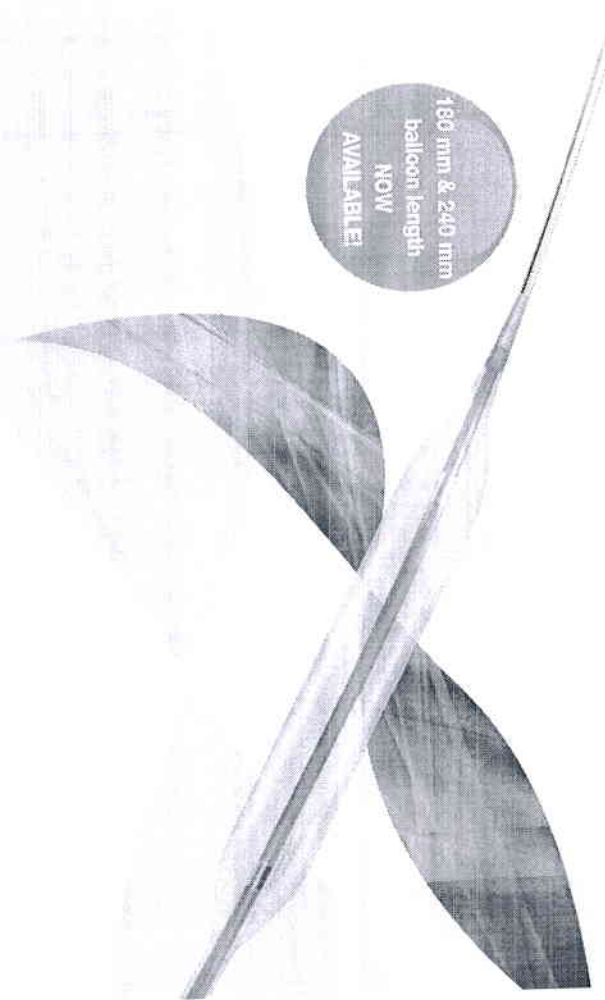


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 #G-70-0547 Rev02

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PTA BALLOON CATHETER

Optimal Combination of Robustness and Superb Deliverability

OrbusNeich  
 Pioneers in the changing landscape of medicine



**Ordering Information**

Balloon Diameter (mm)	Balloon Working Length (mm)			9.0* Guidewire Diameter
	15	20	40	
2.0	620F-15N-31	620F-20N-31	620F-40N-31	
	625F-15N-31	625F-20N-31	625F-40N-31	
2.5	630F-15N-31	630F-20N-31	630F-40N-31	
	635F-15N-31	635F-20N-31	635F-40N-31	
3.0	640F-15N-31	640F-20N-31	640F-40N-31	
	645F-15N-31	645F-20N-31	645F-40N-31	
3.5	650F-15N-31	650F-20N-31	650F-40N-31	
	655F-15N-31	655F-20N-31	655F-40N-31	
4.0	660F-15N-31	660F-20N-31	660F-40N-31	
	665F-15N-31	665F-20N-31	665F-40N-31	

**Compliance Chart**

Pressure atm (kPa)	Balloon Diameter (mm)					
	2.0	2.5	3.0	3.5	4.0	4.5
2 (203)	1.92	2.42	2.89	3.38	3.85	4.32
4 (405)	1.90	2.48	2.95	3.44	3.93	4.40
NOM* 5 (509)	2.00	2.50	3.00	3.50	4.00	4.50
8 (814)	2.04	2.54	3.05	3.56	4.07	4.58
10 (1019)	2.08	2.58	3.11	3.62	4.15	4.67
12 (1216)	2.12	2.63	3.16	3.68	4.22	4.74
RBP** 14 (1419)	2.16	2.67	3.21	3.74	4.30	4.82
16 (1624)	2.20	2.71	3.27	3.80	4.37	4.89
18 (1824)	2.24	2.75	3.32	3.85	4.45	4.97

\* Normal Pressure. The normal in vitro device specifications do not take into account any in vivo resistance.  
\*\* Rupture Burst Pressure - Do Not Exceed (MPa)



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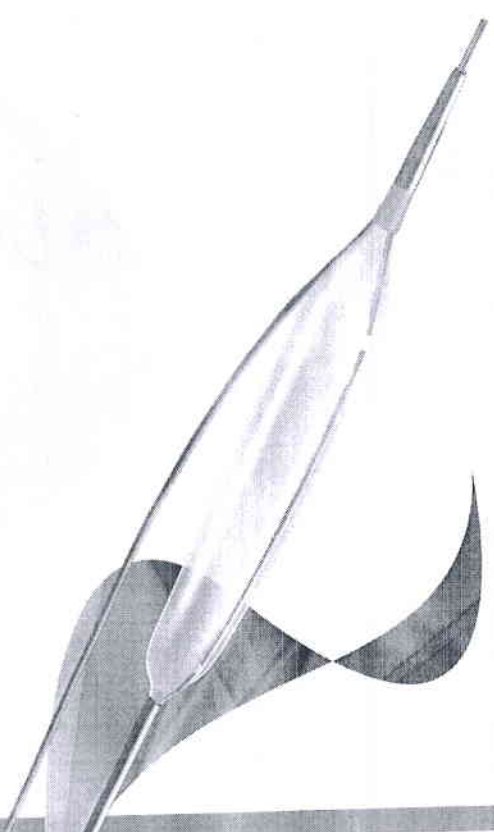
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Pos. 20, 26

Peripheral Balloon

Focused Force Angioplasty for  
the Treatment of  
Below-The-Knee Arterial Stenosis



Page 25



### Ordering Information

Ballon Diameter (mm)	20	40	1.018" Customise Diameter
4.0	640E-20B-31	640E-40B-31	
4.5	645E-20B-31	645E-40B-31	
5.0	650E-20B-31	650E-40B-31	
5.5	655E-20B-31	655E-40B-31	
6.0	660E-20B-31	660E-40B-31	

### Compliance Chart

Pressure (atm)	4.0	4.5	5.0	5.5	6.0
2 (203)	3.85	4.29	4.79	5.25	5.72
4 (405)	3.03	4.40	4.89	5.37	5.86
NOM* 6 (608)	4.00	4.50	5.00	5.50	6.00
8 (811)	4.07	4.60	5.11	5.63	6.14
10 (1015)	4.15	4.71	5.21	5.75	6.28
12 (1218)	4.22	4.81	5.32	5.88	6.42
RBP** 14 (1419)	4.30	4.91	5.43	6.01	6.56
16 (1621)	4.37	5.02	5.54	6.13	6.70
18 (1824)	4.45	5.12	5.64	6.26	6.84

\* Nominal Pressure: The nominal pressure specifies the maximum pressure that induces any visible bulging.  
 \*\* Rupture Pressure: The rupture pressure specifies the maximum pressure that induces any visible rupture.



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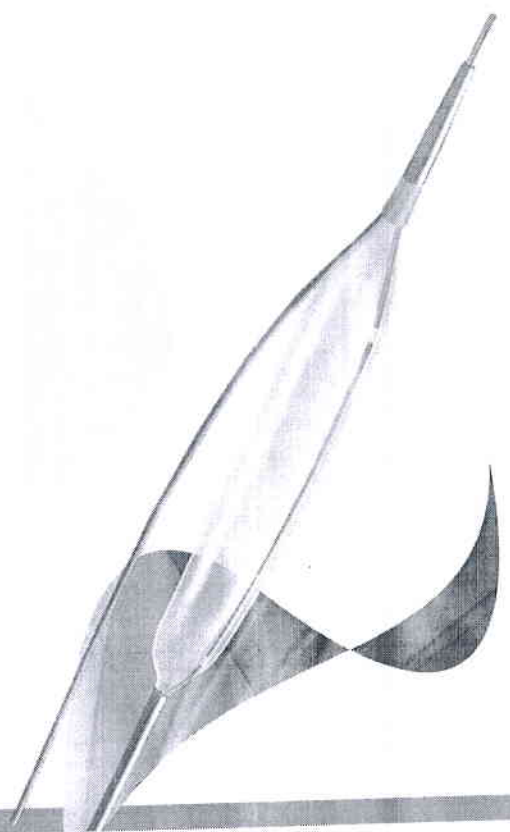
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Focused Force Angioplasty for  
 the Treatment of Superficial  
 Femoral Arterial Stenosis



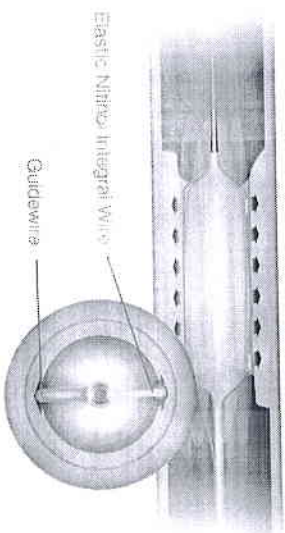
Peripheral Balloon



OrbusNeich is a leader in the development of minimally-invasive medical devices.

## Effective Focused Force Dilatation with Dual Wire System

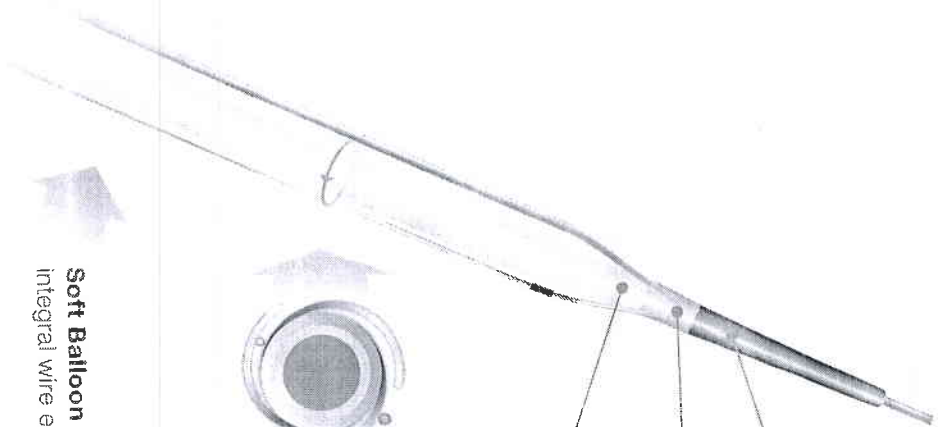
The dual wire system creates a local stress pattern to facilitate effective controlled plaque modification at low resolution pressure.



### Technical Specifications

Proximal Shaft	2.5F
Distal Shaft	3.5F
Catheter Working Length	90cm
Tip Length	11mm
Guidewire Diameter	0.018"
Minimal Integral Wire	0.014"
Marker Bands	2
Nominal Pressure	6atm
Rated Burst Pressure	14atm
Coating	Hydro-X (tip & shaft); Invio (balloon)
Minimum Sheath Size	SF (4.0 - 5.0mm); SF (5.5 - 6.0mm)

## Low Crossing Profile and Unbeatable Trackability



### Splendid Crossability

**X-Flex** tip enables unsurpassed crossability.

**Flex Zone**  
 Flexible soft tapered tip allows for smooth lesion entry.

**Transit Zone**  
 Transit zone provides a lateralized support to guide the balloon to pass through the lesion.

**Support Zone**  
 Support zone secures the guide wire exit positioning and assists in pushability of the device.

**Tight Fold** processing results in a slender primary profile for enhanced crossability through tight lesions.

**Soft Balloon Material** combined with an elastic nitinol integral wire exhibits exceptional trackability.



Pos. 6 + 7

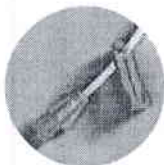
## ARROW ARTERIAL CATHETERISATION SETS

Traditional Seldinger technique



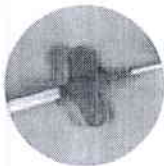
### SMOOTH NEEDLE PLACEMENT

- Atraumatic bevel requires low penetration force during insertion.
- Offers good control of needle placement within the vessel.



### EXTENSION SET

- Integral extension set reduces potential clinician exposure to blood-borne pathogens.
- Provides less manipulation at the insertion site.



### SUTURE WINGS

- The low-profile, angled suture wing improves patient comfort and supports the catheter insertion angle for optimal positioning.



### HIGH QUALITY GUIDEWIRE

- Depth markings to optimise positioning on spring-wire guides (straight wires only).
- Shorter length for improved handling.
- Convenient advancer for longer spring-wire guides (45, 50, 60 cm).



ARROW

## ARTERIAL CATHETERISATION SETS

REF.	DESCRIPTION	NEEDLE SIZE	SWG SIZE	CE	QTY
SAC-00818	18 G x 8 cm	18 G x 5 cm	.025" x 33 cm - S	✓	10
SAC-01218	18 G x 12 cm	18 G x 5 cm	.025" x 33 cm - S	✓	10
SAC-01618	18 G x 16 cm	18 G x 7 cm	.025" x 45 cm - J	✓	10
SAC-02318	18 G x 23 cm	18 G x 7 cm	.025" x 60 cm - J	✓	10
SAC-00520	20 G x 5 cm	20 G x 4 cm	.021" x 35 cm - S	✓	10
SAC-00820	20 G x 8 cm	20 G x 4 cm	.021" x 35 cm - S	✓	10
SAC-01220	20 G x 12 cm	20 G x 7 cm	.021" x 35 cm - S	✓	10
SAC-01620	20 G x 16 cm	20 G x 7 cm	.021" x 50 cm - S	✓	10
SAC-00522	22 G x 5 cm	22 G x 4 cm	.021" x 35 cm - S	✓	10
SAC-00822	22 G x 8 cm	22 G x 4 cm	.021" x 35 cm - S	✓	10
SAC-01222	22 G x 12 cm	22 G x 4 cm	.021" x 35 cm - S	✓	10
SAC-00324*	24 G x 2.5 cm	24 G/26 G x 1.9 cm	.018" x 25 cm - S	✓	10
SAC-00524*	24 G x 5 cm	24 G/26 G x 1.9 cm	.018" x 25 cm - S	✓	10

latex-free

"J" denotes spring-wire guide with J tip on one end and straight tip at the other end

"S" denotes spring-wire guide with straight tip on both ends

\* The introducer needle is a 24 G catheter over a 26 G x 1.9 cm needle

## EACH SET CONTAINS:

- 1 Indwelling catheter with low-profile suture wing and extension tube with slide clamp for blood containment
- 1 Spring-wire guide – various sizes are available in straight and "J" tip (with straightener) configurations
- 1 Introducer needle

Caution: Rx only. Contents of un-opened, undamaged package are sterile. Disposable. Refer to package insert for current warnings, indications, contraindications, precautions, and instructions for use.

## SMOOTH PLACEMENT

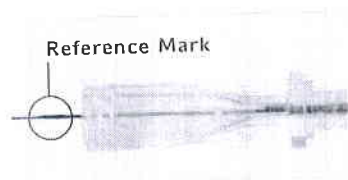
The polyurethane hydrophilic coated material facilitates smooth insertion, while the radius tip provides a smoother, less abrupt edge for an improved guidewire-to-catheter transition.

## CATHETER FEATURES

- ARROW's coated polyurethane material is bio-compatible.
- Specifically designed to provide consistent catheter performance and resist waveform dampening, resulting in more reliable patient monitoring.

## ADDITIONAL FEATURES

- ISO color-coded needle hubs enable easy recognition of the needle gauge size.
- Needle hubs are "V" notched to indicate bevel-up orientation.
- The versatile juncture hub is designed for multiple methods of securement.
- PVC-free; DEHP-free.
- Compact packaging of the spring-wire guide inside a catheter guard.
- Spring-wire guides that are straight on both ends have a reference mark that indicates when the tip of the spring-wire guide is at the needle tip.



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