

Shenzhen MicroApproach Medical
Technology Co, Ltd.

Microapproach

INTERVENTIONAL PRODUCTS CATALOG



📍 7th floor, No.14 Jinhui Road, Pingshan District, Shenzhen

☎ +86-0755-89459010, +86-0755-89459610

📠 +86-0755-89459390

✉ sales@microapproachmed.com

www.microapproachmed.com



MicroApproach
makes interventional therapy approachable

CONTENTS

1

Products Introduction

Rapidguide™ Hydrophilic Guidewire	01
Angiographic Catheter	05
Sheath Introducer	07
Drainpro™ Micro Guidewire	09
Fastpath™ Micro Catheter	11
Guiding Catheter	13
Urological Zebra Guidewire	15
Ureteral Stent Kit	17
Pancreaticobiliary Zebra Guidewire	19

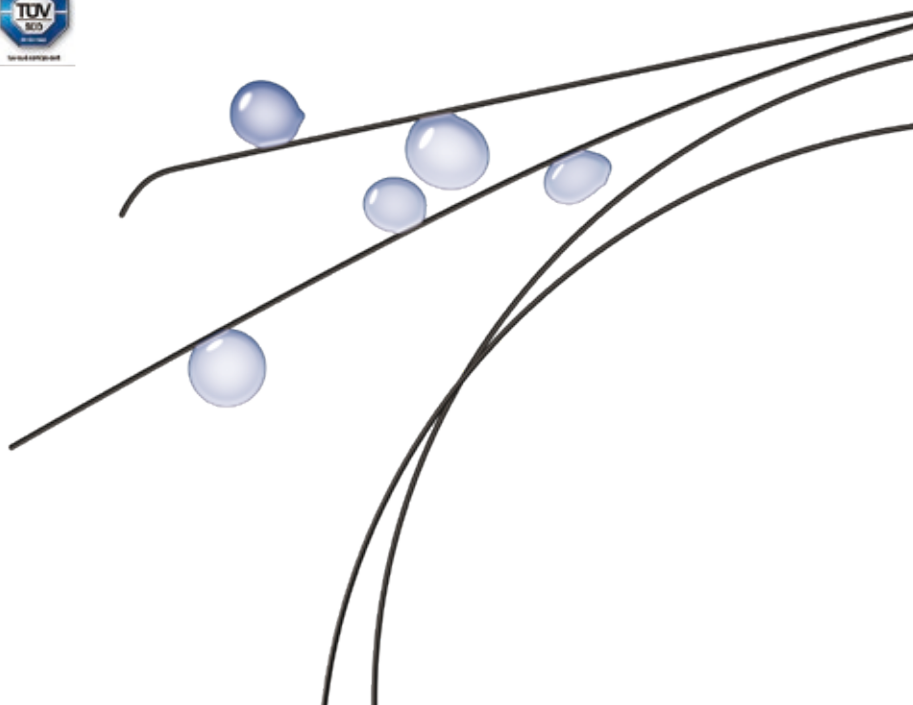
2

Company Introduction

Enterprise Profile	21
--------------------	----



Hydrophilic Guidewire



Adaptation

The hydrophilic coated guidewire with special coating formula is widely used in both diagnosis and treatment of interventional therapies.

It has good support yet right control to ensure device delivery through tortuous anatomy.

Features

- Advanced hydrophilic coating to provide lasting lubrication.
- Soft atraumatic tip provides flexibility and minimizes trauma.
- The NT core provides 1:1 torque control, perfect combination of support and maneuverability in tortuous anatomy. Enhanced visualization for accurate positioning.
- Complete range of specification to accommodate physician preference.

Ordering Information

No.	Catalog number	Diameter (inch)	Length (cm)	Tip	Hardness Type
1	GWO-18-120A	0.018	120	Angled	Normal
2	GWO-18-150A		150		
3	GWO-18-180A		180		
4	GWO-18-220A		220		
5	GWO-18-260A		260		
6	GWO-18-120S		120	Straight	
7	GWO-18-150S		150		
8	GWO-18-180S		180		
9	GWO-18-220S		220		
10	GWO-18-260S		260		
11	GWO-18-150SM		150	Straight (with gold spring coil)	
12	GWO-18-200SM		200		
13	GWO-18-300SM		300		
14	GWO-21-120A	0.021	120	Angled	
15	GWO-21-150A		150		
16	GWO-21-180A		180		
17	GWO-21-220A		220		
18	GWO-21-260A		260		
19	GWO-21-120S		120	Straight	
20	GWO-21-150S		150		
21	GWO-21-180S		180		
22	GWO-21-220S		220		
23	GWO-21-260S		260		
24	GWO-25-050A	0.025	50	Angled	
25	GWO-25-080A		80		
26	GWO-25-120A		120		
27	GWO-25-150A		150		
28	GWO-25-180A		180		
29	GWO-25-220A		220		
30	GWO-25-260A		260		
31	GWO-25-050S		50	Straight	
32	GWO-25-080S		80		
33	GWO-25-120S		120		
34	GWO-25-150S		150		
35	GWO-25-180S	180			
36	GWO-25-220S	220			
37	GWO-25-260S	260			
38	GWO-32-050A	0.032	50	Angled	
39	GWO-32-080A		80		
40	GWO-32-120A		120		
41	GWO-32-150A		150		

Models Naming Composition

XXX-XX-XXXX
 Product code OD(inch) Length(cm) Tip shape
 S: straight tip
 A: angled tip

E.g. Model
No.GWO-35-150A
 represents guidewire OD of 0.035 inch, 150cm in length, with angled tip.

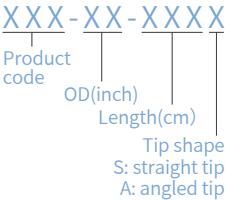
- Commonly used models, recommend to stock up regularly.
- Less commonly used models, recommend to stock up moderately.

Note: 0.01 inch = 0.254 mm

Ordering Information

No.	Catalog number	Diameter (inch)	Length (cm)	Tip	Hardness Type
42	GWO-32-180A	0.032	180	Angled	Normal
43	GWO-32-220A		220		
44	GWO-32-260A		260		
45	GWO-32-050S		50	Straight	
46	GWO-32-080S		80		
47	GWO-32-120S		120		
48	GWO-32-150S		150		
49	GWO-32-180S		180		
50	GWO-32-220S		220		
51	GWO-32-260S		260		
52	GWO-35-050A	0.035	50	Angled	
53	GWO-35-080A		80		
54	GWO-35-120A		120		
55	GWO-35-150A		150		
56	GWO-35-180A		180		
57	GWO-35-220A		220		
58	GWO-35-260A		260		
59	GWO-35-050S		50	Straight	
60	GWO-35-080S		80		
61	GWO-35-120S		120		
62	GWO-35-150S	150			
63	GWO-35-180S	180			
64	GWO-35-220S	220			
65	GWO-35-260S	260			
66	GWO-38-050A	0.038	50	Angled	
67	GWO-38-080A		80		
68	GWO-38-120A		120		
69	GWO-38-150A		150		
70	GWO-38-180A		180		
71	GWO-38-220A		220		
72	GWO-38-260A		260		
73	GWO-38-050S		50	Straight	
74	GWO-38-080S		80		
75	GWO-38-120S		120		
76	GWO-38-150S	150			
77	GWO-38-180S	180			
78	GWO-38-220S	220			
79	GWO-38-260S	260			
80	GWH-25-150A	0.025	150	Angled	Hardened
81	GWH-25-180A		180		
82	GWH-25-220A		220		

Models Naming Composition



E.g. Model No.GWO-35-150A represents guidewire OD of 0.035 inch, 150cm in length, with angled tip.

- Commonly used models, recommend to stock up regularly.
- Less commonly used models, recommend to stock up moderately.

Note: 0.01 inch = 0.254 mm

Ordering Information

No.	Catalog number	Diameter (inch)	Length (cm)	Tip	Hardness Type
83	GWH-25-260A	0.025	260	Angled	
84	GWH-25-150S		150	Straight	
85	GWH-25-180S		180		
86	GWH-25-220S		220		
87	GWH-25-260S		260		
88	GWH-32-150A	0.032	150	Angled	
89	GWH-32-180A		180		
90	GWH-32-220A		220		
91	GWH-32-260A		260	Straight	
92	GWH-32-150S		150		
93	GWH-32-180S		180		
94	GWH-32-220S		220		
95	GWH-32-260S		260		
96	GWH-35-150A	0.035	150	Angled	Hardened
97	GWH-35-180A		180		
98	GWH-35-220A		220		
99	GWH-35-260A		260	Straight	
100	GWH-35-150S		150		
101	GWH-35-180S		180		
102	GWH-35-220S		220		
103	GWH-35-260S		260		
104	GWH-38-150A	0.038	150	Angled	
105	GWH-38-180A		180		
106	GWH-38-220A		220		
107	GWH-38-260A		260	Straight	
108	GWH-38-150S		150		
109	GWH-38-180S		180		
110	GWH-38-220S		220		
111	GWH-38-260S		260		

Models Naming Composition

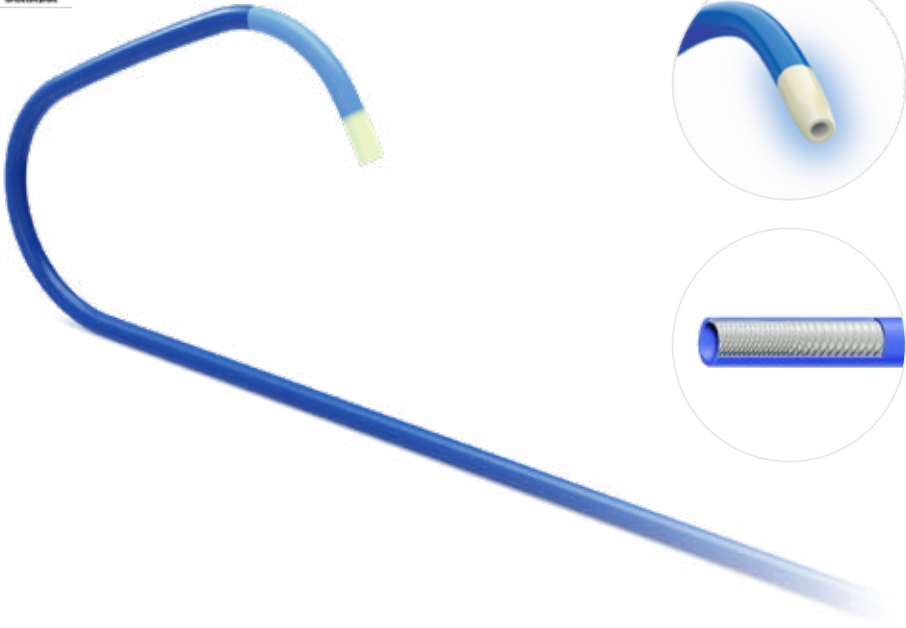
XXX-XX-XXXX
 Product code OD(inch) Length(cm) Tip shape
 S: straight tip
 A: angled tip

E.g. Model
No.GWO-35-150A
 represents guidewire OD of 0.035 inch, 150cm in length, with angled tip.

- Commonly used models, recommend to stock up regularly.
- Less commonly used models, recommend to stock up moderately.

Note: 0.01 inch = 0.254 mm

Angiographic Catheter













Adaptation

Angiographic Catheters are designed to provide a pathway for delivering contrast media to selected sites in the vascular system.

Features

- Soft tip material designed to reduce risk of trauma during contrast injection.
- Highly radiopaque material promotes clear fluoroscopic visualization.
- Durable, fluted hub designed to ease guidewire manipulation and provide strain relief for kink-resistant advancement.
- Wide variety of shapes provides the versatility required to meet individual clinical requirements.

Ordering Information

Terminal configuration	Shapes	Models	OD (Fr)	ID (mm)	length (cm)
Hepatic artery tube (RH)		RH630-4.2-80	4.2	1.0	80
		RH630-5-80	5	1.03	80
Simmons tube (SM)		SM510-4.2-100	4.2	1.0	100
		SM510-5-100	5	1.03	100
		SM511-4.2-100	4.2	1.0	100
		SM511-5-100	5	1.03	100
		SM512-4.2-100	4.2	1.0	100
		SM512-5-100	5	1.03	100
Hunter head tube (HH)		HH371-4.2-100	4.2	1.0	100
		HH371-5-100	5	1.03	100
Renal artery tube (HS)		HS640-4.2-80	4.2	1.0	80
		HS640-5-80	5	1.03	80
		HS641-4.2-80	4.2	1.0	80
		HS641-5-80	5	1.03	80
Cobra tube (CB)		CB230-4.2-80	4.2	1.0	80
		CB230-5-80	5	1.03	80
		CB231-4.2-80	4.2	1.0	80
		CB231-5-80	5	1.03	80
		CB232-4.2-80	4.2	1.0	80
		CB232-5-80	5	1.03	80
Single bend tube (RC)		RC620-4.2-80	4.2	1.0	80
		RC620-5-80	5	1.03	80
		RC621-4.2-80	4.2	1.0	80
		RC621-5-80	5	1.03	80
		RC622-4.2-80	4.2	1.0	80
		RC622-5-80	5	1.03	80
Multifunctional tube (MPA)		MPA35-5-110	5	1.03	100
		MPA280-4.2-100	4.2	1.0	100
		MPA280-5-100	5	1.03	100
		MPA281-4.2-100	4.2	1.0	100
		MPA281-5-100	5	1.03	100
vertebral artery tube (AN)		AN-4.2-100	4.2	1.0	100
		AN-5-100	5	1.03	100
Splenic artery tube (RS)		RS631-4.2-80	4.2	1.0	80
		RS631-5-80	5	1.03	80
Shepherd tube (SH)		SH210-4.2-80	4.2	1.0	80
		SH210-5-80	5	1.03	80
		SH211-4.2-80	4.2	1.0	80
		SH211-5-80	5	1.03	80
		SH212-4.2-80	4.2	1.0	80
		SH212-5-80	5	1.03	80

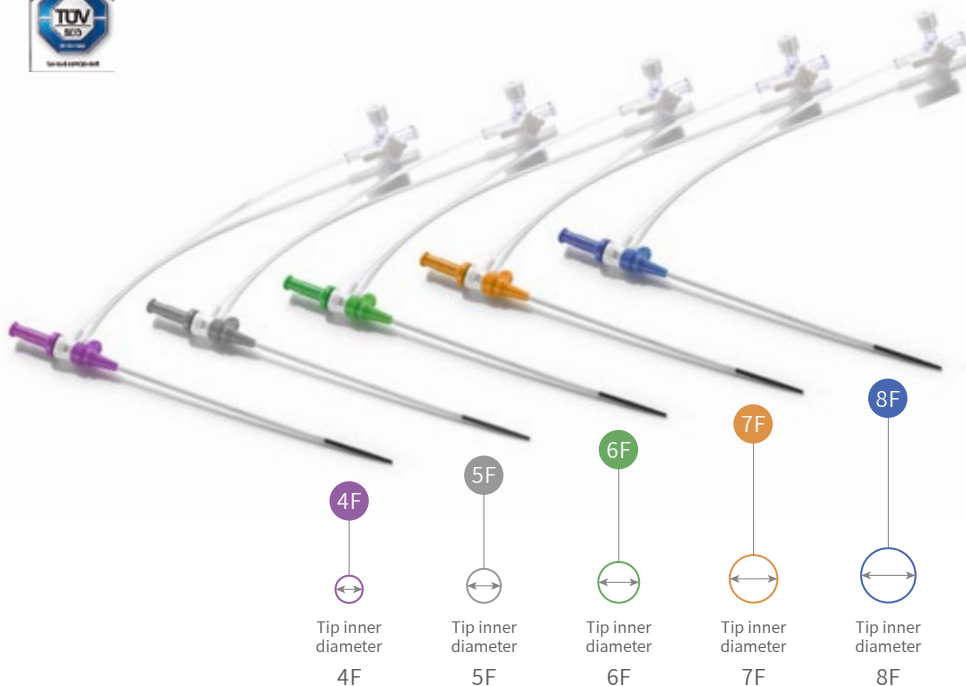
Models Naming Composition

XXXX-XX-XXX
 Product code Distal OD(Fr) Length (cm)

E.g. Model No.
 SH210-4.2-80 represents
 catheter type of
 Sheperd210, ,OD of 4F,
 80 cm in length.

Note: 1F = 0.33 mm

Sheath Introducer



Adaptation

Is intended for use in patients requiring the percutaneous retrieval of indwelling catheters, cardiac leads, fragments of catheter tubing or guidewire, and other foreign objects.

Product set include

Introducer sheath, dilator, guide wire, syringe, puncture needle.

Features

- Work perfectly with MicroApproach products and most guidewires and catheters on the market.
- Special material provides good biocompatibility and work smoothly as well as minimizes trauma.
- Proven trackability and kink resistance for an enhanced user experience.

Ordering Information

Model	ID (Fr)	length (cm)	Additional Guidewire size
Mostly for femoral access			
CS-0409	4	9	0.021 ""45cm
CS-0511	5	11	
CS-0611	6	11	
CS-0711	7	11	0.035 ""45cm
CS-0811	8	11	
Mostly for radial access			
CS-0415	4	15	0.021 ""45cm
CS-0516	5	16	
CS-0616	6	16	0.035 ""45cm

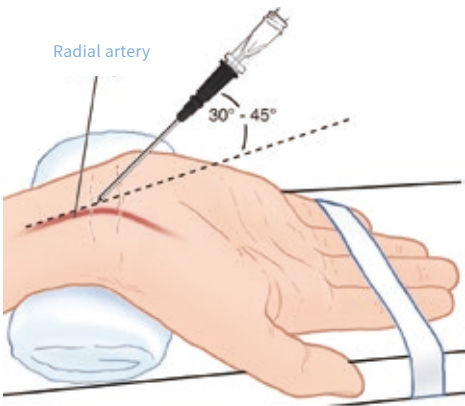
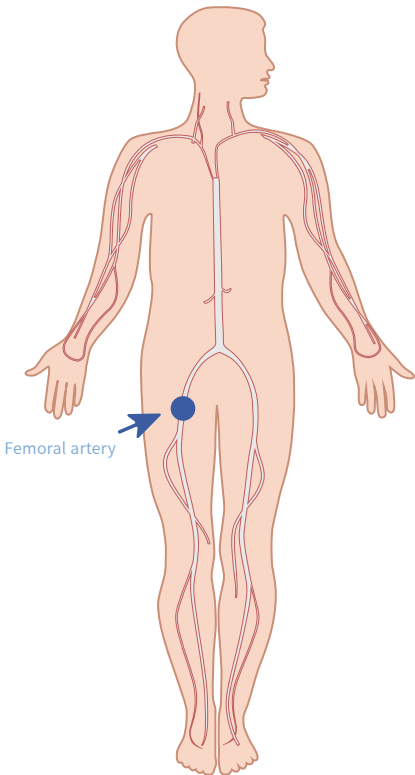
Per package consists of a introducer sheath, a dilator, a mini-guide wire, a needle(0.91*78mm), and a 2.5 ml syringe.

Models Naming Composition

XXXX-XX-XXX
Product code | Distal OD(Fr) | Length(cm)

E.g. Model No. CS-0415 represents introducer type of CS ,OD of 4F, 15 cm in length.

Note: 1F = 0.33 mm



DrainPro™

Micro Guidewire



**3cm Gold coil to
amplify visaulization**

Adaptation

Intended for use in facilitating delivery of percutaneous catheters into the peripheral vasculature and is also indicated for the intra-luminal placement of percutaneous catheters or other therapeutic devices beyond stenotic lesions (including chronic total occlusions) in the peripheral vasculature prior to further percutaneous intervention.

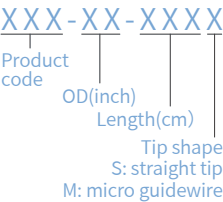
Features

- Advanced hydrophilic coating to provide lasting lubrication.
- Soft atraumatic tip provides flexibility and minimizes trauma.
- The NT core provides 1:1 torque control, combination of support and maneuverability in tortuous anatomy.
- Enhanced visualization as gold coil in tip for accurate positioning.
- Tip has shapeability and reshapeability.

Ordering Information

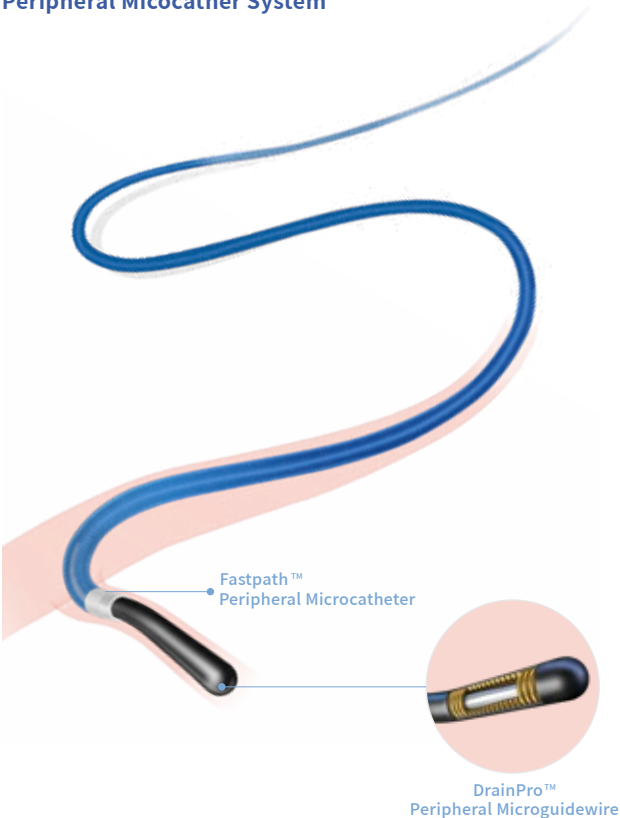
Catalog number	Diameter (in)	Length (cm)	Tip	Mark length (cm)
GWO-14-150SM	0.014"	150	Straight	3
GWO-14-200SM		190	Straight	3
GWO-14-300SM		300	Straight	3
GWO-18-150SM	0.018"	150	Straight	3
GWO-18-200SM		190	Straight	3
GWO-18-300SM		300	Straight	3

Models Naming Composition



E.g. Model No.
GWO-14-200SM
represents micro
guidewire OD of 0.014
inch, 200cm in length,
with straight tip.

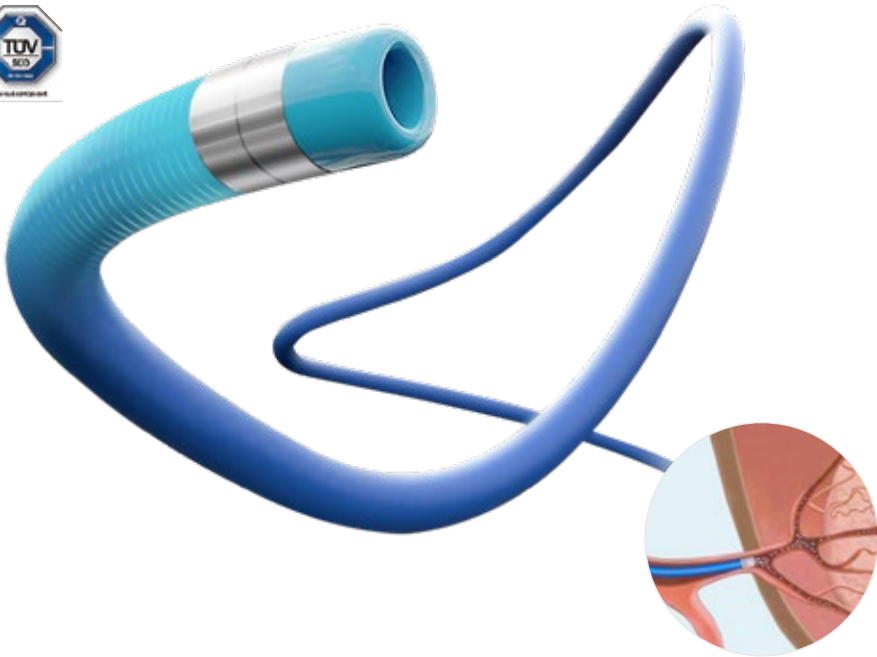
Peripheral Micocatheter System



- Commonly used models, recommend to stock up regularly.
- Less commonly used models, recommend to stock up moderately.

Note: 0.01 inch = 0.254 mm

Fastpath™ Micro Catheter



Delivery of diagnostic and treatment devices or substances

Adaptation

To provide a supportive passage for delivery of diagnostic and treatment devices or substances through tortuous lesion in peripheral vasculature.

Features

- Thinner and smoother tube tech to ensure swimmingly delivery of guide-wires and devices.
- Moderate tapered hardness to realize proximal support yet distal softness.
- Advanced hydrophilic coating to provide lasting lubrication.
- The Pt markings in tip provides flexibility and visibility under fluoroscopy.
- Consists of 3-5 different hardness stages in steel weaving to provide good support and maneuverability.

Ordering Information

Model	Distal OD (Fr)	Proximal OD (Fr)	Length (cm)	Radiopaque marker
SMC-1.8-130	1.8	2.7	130	1
SMC-1.8-150	1.8	2.7	150	1
SMC-2.0-130S	2.0	2.7	130	1
SMC-2.0-130D	2.0	2.7	130	2
SMC-2.0-130T	2.0	2.7	130	3
SMC-2.0-150S	2.0	2.7	150	1
SMC-2.0-150D	2.0	2.7	150	2
SMC-2.0-150T	2.0	2.7	150	3
SMC-2.8-130S	2.8	2.8	130	1
SMC-2.8-130D	2.8	2.8	130	2
SMC-2.8-130T	2.8	2.8	130	3
SMC-2.8-150S	2.8	2.8	150	1
SMC-2.8-150D	2.8	2.8	150	2
SMC-2.8-150T	2.8	2.8	150	3

Models Naming Composition

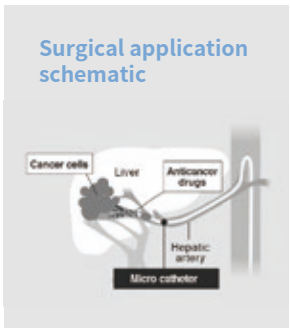
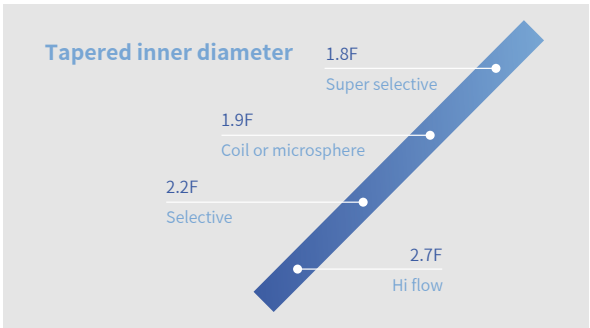
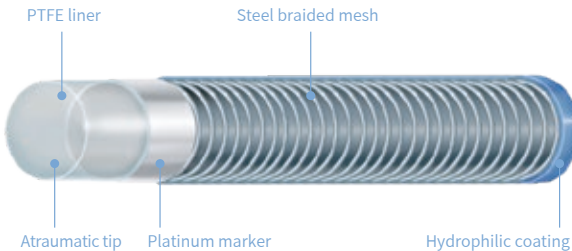
XXX-XX-XXXX

Product code OD(inch) Length(cm) Radiopaque marker number
S: 1 D:2 T:3

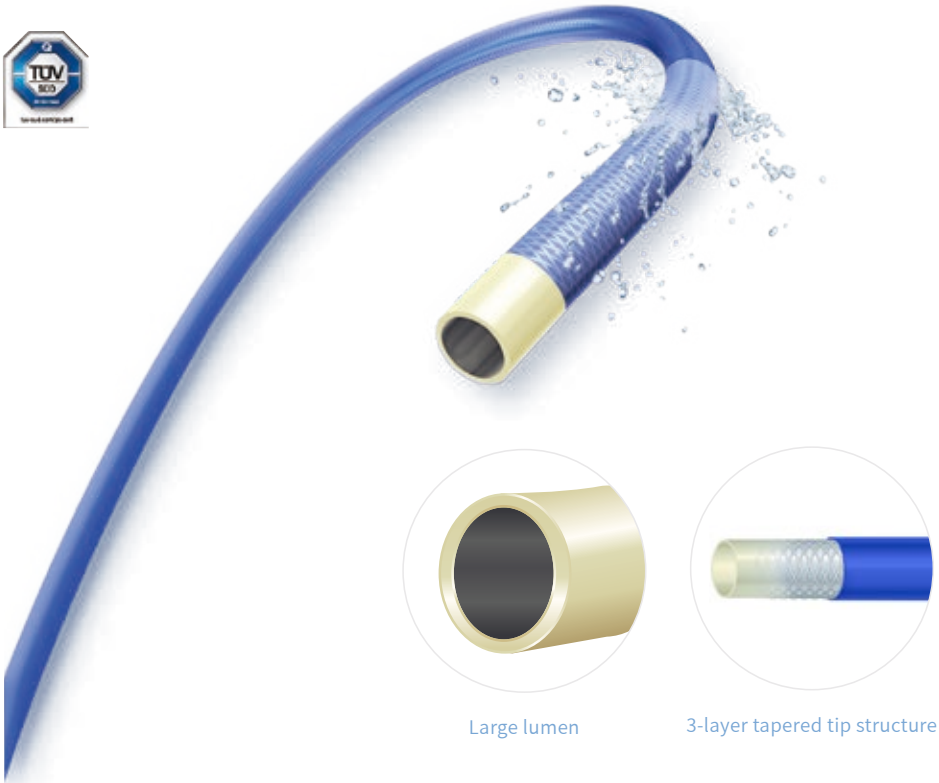
E.g. Model No. SMC-2.0-150D represents catheter distal OD of 2.0F, proximal OD of 2.7F, 150 cm in length, with 2 radiopaque markers.

Note: 1F = 0.33 mm

Compatible max guidewire OD: 0.014inch (0.36mm)



Guiding Catheter



Large lumen

3-layer tapered tip structure

Adaptation

Intended for the intravascular introduction of interventional devices into the peripheral vasculature.

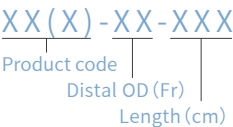
Features

- Ultra-thin tube with flat wire braid pattern to provide large lumen for devices smooth delivery.
- Hydrophilic coating offers smaller friction and larger lubrication to reduce vessel spasm.
- Consists different hardness stages in weaving to provide good support and maneuverability with strong kink resistance.
- Soft atraumatic tip provides flexibility and minimizes trauma.

Ordering Information

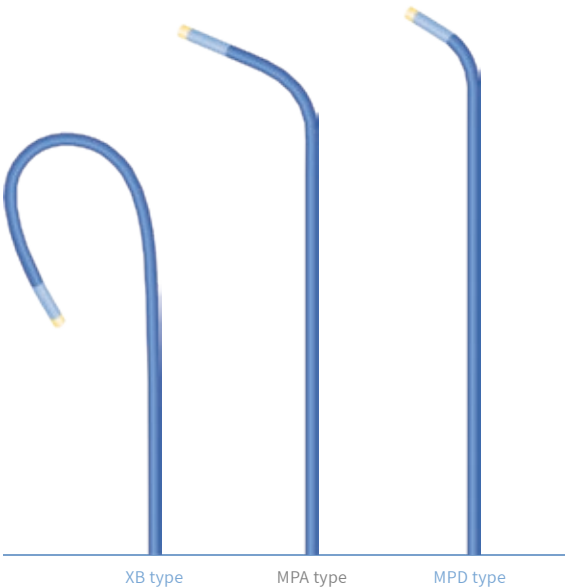
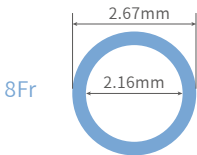
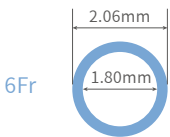
Terminal configuration	Models	OD (Fr)	ID (mm)	length (cm)
Multifunctional tube (XB)	XB3.0-6-100	6	1.80	100
	XB3.5-6-100	6	1.80	100
	XB4.0-6-100	6	1.80	100
	XB4.5-6-100	6	1.80	100
Multipurpose tube (MP)	MPA1-8-90	8	2.16	90
	MPD-6-100	6	1.80	100

Models Naming Composition

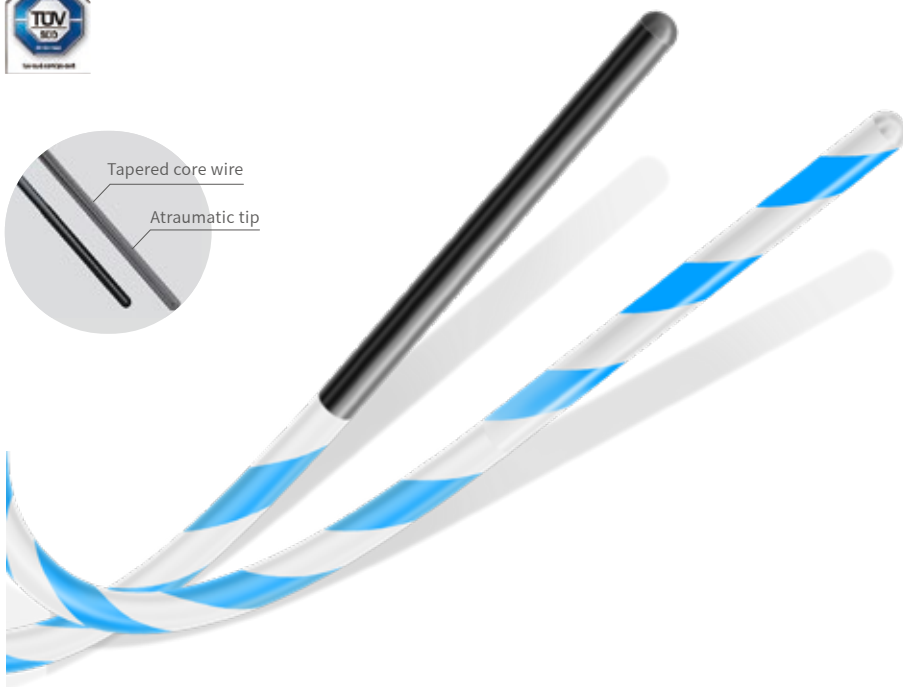
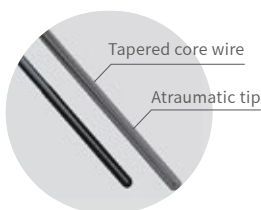


E.g. Model No.
XB4.0-6-100 represents
catheter type of XB,
bending distance
4.0cm ,OD of 6F, 100 cm
in length.

Note: 1F = 0.33 mm



Urological Zebra Guidewire



Adaptation

Used to gain ureteral access, to establish a tract, and to assist in the placement, replacement, and exchange of medical devices during urological procedures. May also be used for catheter positioning and exchange in a tortuous or kinked ureter, traversing a stone en route to the kidney, or in cases demanding enhanced control and high radiopacity.

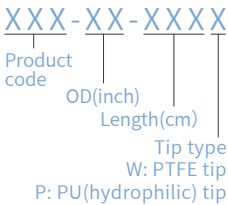
Features

- Hydrophilic coated tip or PTFE tip to choose from. Sturdy core provides great kind-resistance and maneuverability.
- **Hydrophilic tip:** The hydrophilic soft atraumatic tip in seamless design provides flexibility and minimizes trauma. Enhanced visualization for accurate positioning.
- **PTFE tip:** The zebra pattern tip is easier to recognize the guidewire movement under fluoroscopy, reduce radiation exposure during device exchange process.

Ordering Information

Catalog number	OD(inch)	Length(cm)	Tip Type
ZWO-25-050W	0.025"	50	PTFE
ZWO-25-080W		80	
ZWO-25-150W		150	
ZWO-28-050W	0.028"	50	
ZWO-28-080W		80	
ZWO-28-150W		150	
ZWO-32-050W	0.032"	50	
ZWO-32-080W		80	
ZWO-32-150W		150	
ZWO-35-050W	0.035"	50	PU
ZWO-35-080W		80	
ZWO-35-150W		150	
ZWO-38-050W	0.038"	50	
ZWO-38-080W		80	
ZWO-38-150W		150	
ZWO-25-050P	0.025"	50	
ZWO-25-080P		80	
ZWO-25-150P		150	
ZWO-28-050P	0.028"	50	
ZWO-28-080P		80	
ZWO-28-150P		150	
ZWO-32-050P	0.032"	50	
ZWO-32-080P		80	
ZWO-32-150P		150	
ZWO-35-050P	0.035"	50	
ZWO-35-080P		80	
ZWO-35-150P		150	
ZWO-38-050P	0.038"	50	
ZWO-38-080P		80	
ZWO-38-150P		150	

Models Naming Composition



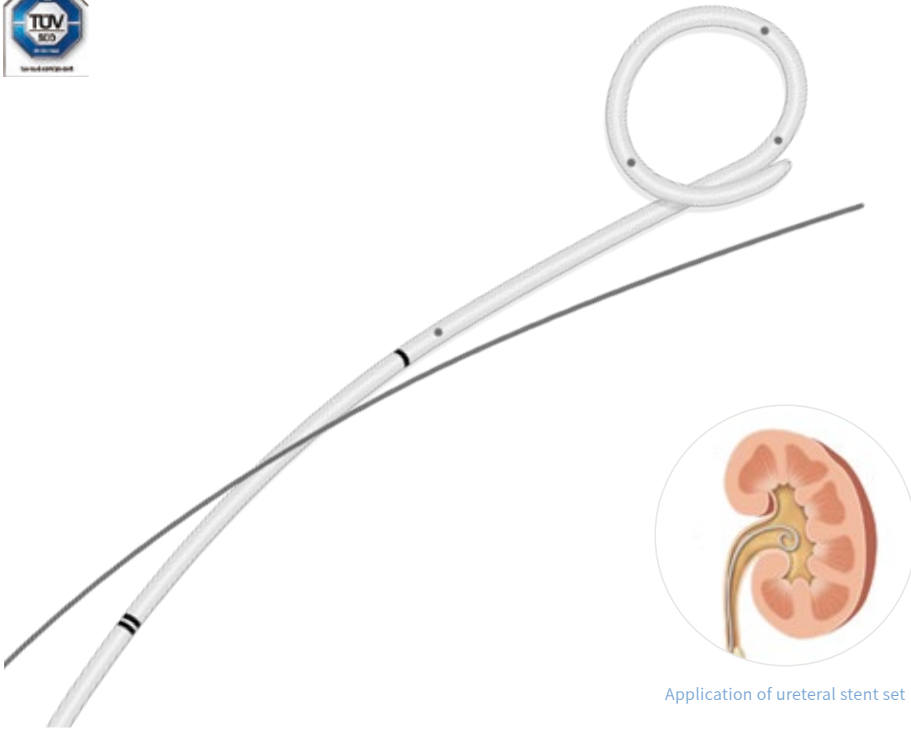
E.g. Model No. ZWO-28-050W represents zebra guidewire OD of 0.028 inch, 50cm in length, with PTFE tip.

- Commonly used models, recommend to stock up regularly.
- Less commonly used models, recommend to stock up moderately.

Note: 0.01 inch = 0.254 mm



Ureteral stent kit



Application of ureteral stent set

Adaptation

Used for temporary internal drainage from the ureteropelvic junction to the bladder. X-ray - proof polyurethane Ureteral Stent Sets have been employed to relieve obstruction in a variety of benign, malignant, and post-traumatic conditions. These stents may be placed using endoscopic, percutaneous, or open surgical techniques.

Product set include

Ureteral stent, pusher, hydrophilic guiderwire, stent clip (the guiderwire and clip are optional)

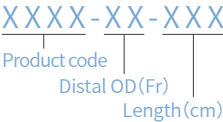
Features

- Variable length designed to accommodate various ureteral lengths.
- The Hydrophilic Coating increases the lubricity of stent.
- Biocompatible material designed for up to a 30-day indwelling time.

Ordering Information

Catalog number	Diameter (Fr)	Length (cm)	Guidewire OD (inch)	Guidewire length(cm)
US-4-220	4	22	0.025	120 / 150
US-4-240		24		
US-4-260		26		
US-4-280		28		
US-4.5-220	4.5	22	0.032	
US-4.5-240		24		
US-4.5-260		26		
US-4.5-280		28		
US-5-220	5	22	0.035	
US-5-240		24		
US-5-260		26		
US-5-280		28		
US-6-220	6	22	0.038	
US-6-240		24		
US-6-260		26		
US-6-280		28		
US-7-220	7	22	0.042	
US-7-240		24		
US-7-260		26		
US-7-280		28		
US-8-220	8	22	0.045	
US-8-240		24		
US-8-260		26		
US-8-280		28		

Models Naming Composition



E.g. Model No. US-4-280 represents ureteral stent OD of 4F, 28 cm in length.

- Commonly used models, recommend to stock up regularly.
- Less commonly used models, recommend to stock up moderately.

Note: 0.01 inch = 0.254 mm
1F = 0.33 mm



Pancreaticobiliary Zebra Guidewire



Application of Panticobiliary Zebra Guidewire

Adaptation

Indicated for use in selective cannulation of the biliary ducts including the common bile duct, pancreatic duct, cystic duct, and right and left hepatic ducts. The endoscopic guidewire is designed to be used during endoscopic pancreaticobiliary procedures for catheter introduction, exchanges of catheters, cannulas, and to aid in the placement of diagnostic and therapeutic devices.

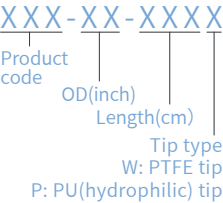
Features

- Hydrophilic coated tip or PTFE tip to choose from. Sturdy core provides great kind-resistance and maneuverability.
- **Hydrophilic tip:** The hydrophilic soft atraumatic tip in seamless design provides flexibility and minimizes trauma. Enhanced visualization for accurate positioning.
- **PTFE tip:** The zebra pattern tip is easier to recognize the guidewire movement under fluoroscopy, reduce radiation exposure during device exchange process.

Ordering Information

Catalog number	Diameter (inch)	Length (cm)
ZWB-25-150W	0.025	150
ZWB-25-260W		260
ZWB-25-450W		450
ZWB-28-150W	0.028	150
ZWB-28-260W		260
ZWB-28-450W		450
ZWB-32-150W	0.032	150
ZWB-32-260W		260
ZWB-32-450W		450
ZWB-35-150W	0.035	150
ZWB-35-260W		260
ZWB-35-450W		450
ZWB-38-150W	0.038	150
ZWB-38-260W		260
ZWB-38-450W		450
ZWB-25-150P	0.025	150
ZWB-25-260P		260
ZWB-25-450P		450
ZWB-28-150P	0.028	150
ZWB-28-260P		260
ZWB-28-450P		450
ZWB-32-150P	0.032	150
ZWB-32-260P		260
ZWB-32-450P		450
ZWB-35-150P	0.035	150
ZWB-35-260P		260
ZWB-35-450P		450
ZWB-38-150P	0.038	150
ZWB-38-260P		260
ZWB-38-450P		450

Models Naming Composition



E.g. Model No.
ZWB-28-050W represents
zebra guidewire OD of
0.028 inch, 50cm in
length, with PTFE tip.

- Commonly used models, recommend to stock up regularly.
- Less commonly used models, recommend to stock up moderately.

Note: 0.01 inch = 0.254 mm

ENTERPRISE PROFILE



Japan R&D Center

Shenzhen MicroApproach Medical Technology CO., LTD. Founded in 2015, it has gathered senior R&D engineers from Japan and China in the intervention industry. With the continuous suggestions and optimization of clinicians, started from the channel products, Microapproach has created a peripheral product line platform company.

The company has a production base of 4500 square meters in Pingshan, Shenzhen, of which the area of GMP is more than 1000 square meters. R&D center located in Tokyo, Japan. The company has obtained the ISO13485 international quality system certification for medical devices issued by German TUV. At present.

The company focus on high standards of product quality and technology. The highly automated production line with high-precision is popular among customers world-widely. Meanwhile it welcomes OEM/ODM cooperation home and abroad.

The company has already established a sound medical device quality management system, and built a world-class production line which will provide all kinds of high quality and efficient solutions for customers all over the world.

