

MicroApproach

# VASCULAR INTERVENTIONAL CATALOG

# 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 Germany TUV.

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.



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### Products Introduction

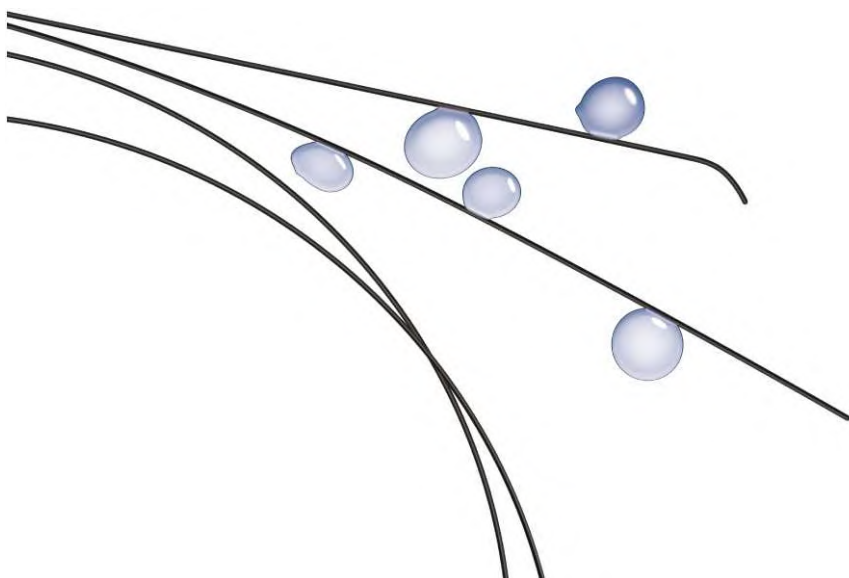
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# Hydrophilic Guidewire

国械注准20213030017



## Application

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.

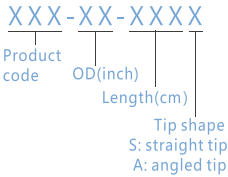
## Features

- 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)	Hardness Type
1	GWO - 14 - 150S	0.014	150	Straight
2	GWO - 14 - 150A		150	Angled
3	GWO - 18 - 120A		120	Angled
4	GWO - 18 - 150S	0.018	150	Straight
5	GWO - 18 - 150A		150	Angled
6	GWO - 18 - 180S		180	Straight
7	GWO - 18 - 180A		180	Angled
8	GWO - 18 - 220S		220	Straight
9	GWO - 18 - 220A		220	Angled
10	GWO - 18 - 260S		260	Straight
11	GWO - 18 - 260A		260	Angled
12	GWO - 21 - 120A	0.021	120	Angled
13	GWO - 21 - 150S		150	Straight
14	GWO - 21 - 150A		150	Angled
15	GWO - 21 - 180S		180	Straight
16	GWO - 21 - 180A		180	Angled
17	GWO - 21 - 220S		220	Straight
18	GWO - 21 - 220A	0.025	220	Angled
19	GWO - 21 - 260S		260	Straight
20	GWO - 21 - 260A		260	Angled
21	GWO - 25 - 120A		120	Angled
22	GWO - 25 - 150S		150	Straight
23	GWO - 25 - 150A		150	Angled
24	GWO - 25 - 180S	0.032	180	Straight
25	GWO - 25 - 180A		180	Angled
26	GWO - 25 - 220S		220	Straight
27	GWO - 25 - 220A		220	Angled
28	GWO - 25 - 260S		260	Straight
29	GWO - 25 - 260A		260	Angled
30	GWO - 32 - 120A	0.035	120	Angled
31	GWO - 32 - 150S		150	Straight
32	GWO - 32 - 150A		150	Angled
33	GWO - 32 - 180S		180	Straight
34	GWO - 32 - 180A		180	Angled
35	GWO - 32 - 220S		220	Straight
36	GWO - 32 - 220A	0.038	220	Angled
37	GWO - 32 - 260S		260	Straight
38	GWO - 32 - 260A		260	Angled
39	GWO - 35 - 050A		50	Angled
40	GWO - 35 - 080A		80	Angled
41	GWO - 35 - 120A		120	Angled
42	GWO - 35 - 150S	0.035	150	Straight
43	GWO - 35 - 150A		150	Angled
44	GWO - 35 - 180S		180	Straight
45	GWO - 35 - 180A		180	Angled
46	GWO - 35 - 220S		220	Straight
47	GWO - 35 - 220A		220	Angled
48	GWO - 35 - 260S	0.038	260	Straight
49	GWO - 35 - 260A		260	Angled
50	GWO - 38 - 050A		50	Angled
51	GWO - 38 - 080A		80	Angled
52	GWO - 38 - 120A		120	Angled
53	GWO - 38 - 150S		150	Straight
54	GWO - 38 - 150A	0.038	150	Angled
55	GWO - 38 - 180S		180	Straight
56	GWO - 38 - 180A		180	Angled
57	GWO - 38 - 220S		220	Straight
58	GWO - 38 - 220A		220	Angled
59	GWO - 38 - 260S		260	Straight
60	GWO - 38 - 260A		260	Angled

Models Naming Composition



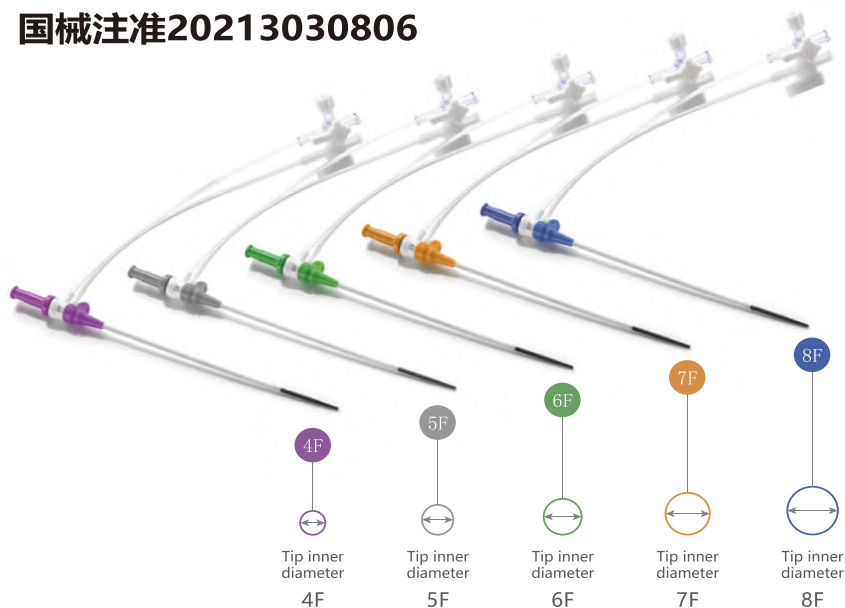
E.g. Model No.GWO-35-150A represents guidewire OD of 0.035 inch, 150cm in length, with angled tip.

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

Note: 0.01 inch = 0.254 mm

# Sheath Introducer

国械注准20213030806



## Application

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.

## 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.

## Product set include

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

# 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	
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

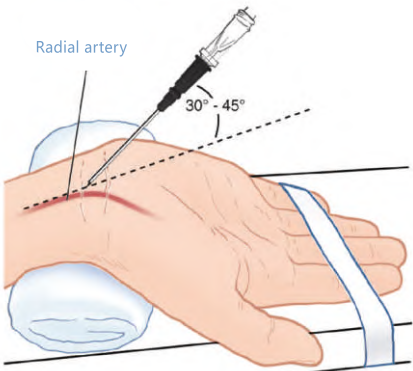
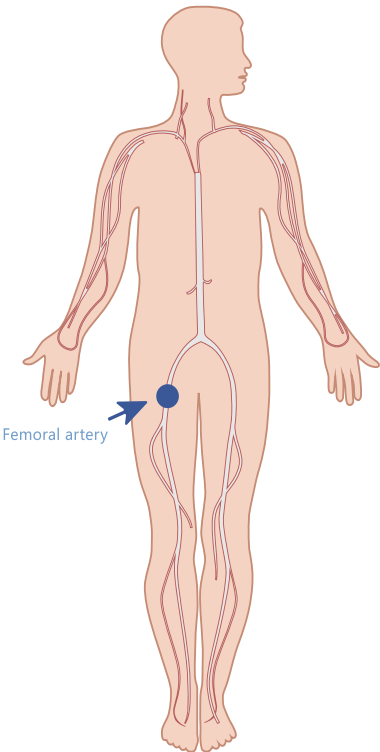
Per package consists of a introducer sheath, a dilator, a mini-guide wire, a needle(0.91\*78mm), and a 2.5 ml syringe.

## Models Naming Composition

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

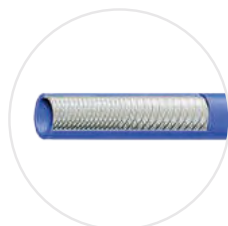
E.g. Model No. CS-0415 represents introducer type of CS, OD of 4F, 15 cm in length.

Note: 1F = 0.33 mm





# Angiographic Catheter



**国械注准20213030823**

## Application











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
Hunter head tube (HH)		SM512-5-100	5	1.03	100
		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

# Guiding Catheter

国械注准:20213030983



Large lumen



3-layer tapered tip structure

## Application

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

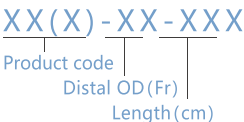
## Features

- 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

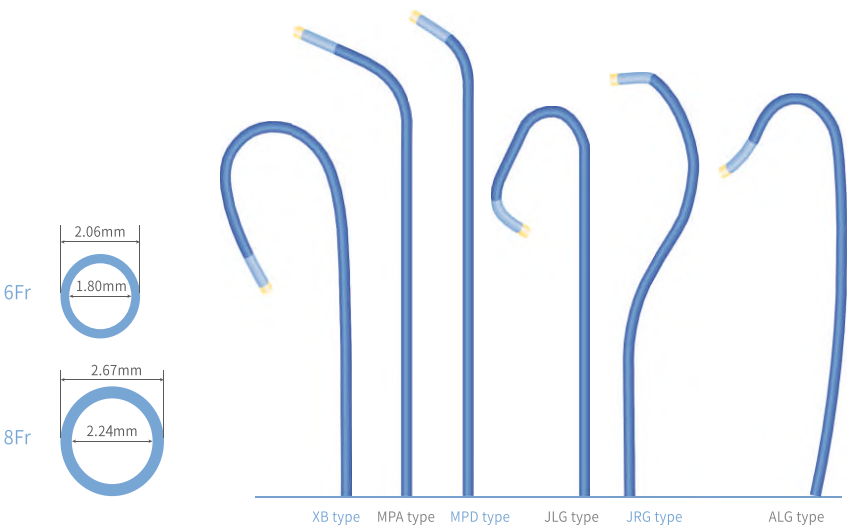
Terminal configuration	Models	OD Fr	ID mm	length cm
Multifunctional tube (XB)	XB3.0-6-100	6	1.80	100
	XB3.5-6-100	6	1.80	100
	XB4.0-6-100	6	1.80	100
	XB4.5-6-100	6	1.80	100
Multipurpose tube MP	MPA1-8-90	8	2.16	90
	MPD-6-100	6	1.80	100

## 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



# Coronary Angiography Catheter

## Ordering Information

Tip options	Shapes	Models	O.D. (Fr)	Length (cm)	Side hole
JL		JL35-5-100	5	100	-
		JL35-6-100	6	100	-
		JL40-5-100	5	100	-
		JL40-6-100	6	100	-
		JL45-5-100	5	100	-
		JL45-6-100	6	100	-
		JL50-5-100	5	100	-
AL		JL50-6-100	6	100	-
		AL1-5-100	5	100	-
		AL1-6-100	6	100	-
		AL2-5-100	5	100	-
		AL2-6-100	6	100	-
JR		AL3-5-100	5	100	-
		AL3-6-100	6	100	-
		JR35-5-100	5	100	-
		JR35-6-100	6	100	-
		JR40-5-100	5	100	-
		JR40-6-100	6	100	-
		JR45-5-100	5	100	-
AR		JR45-6-100	6	100	-
		JR50-5-100	5	100	-
		JR50-6-100	6	100	-
		AR1-5-100	5	100	-
		AR1-6-100	6	100	-
		AR2-5-100	5	100	-
TIG		AR2-6-100	6	100	-
		AR3-5-100	5	100	-
		AR3-6-100	6	100	-
		MITSUDO35-5-100	5	100	9
		MITSUDO35-6-100	6	100	9
		MITSUDO40-5-100	5	100	9
		MITSUDO40-6-100	6	100	9
		MITSUDO45-5-100	5	100	9
		MITSUDO45-6-100	6	100	9

Models Naming  
Composition






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

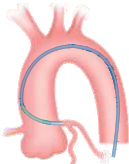
E.g. Model No.  
SH210-4.2-80  
represents catheter type  
of Sheperd210, OD of  
4F, 80 cm in length.

Note: 1F = 0.33 mm

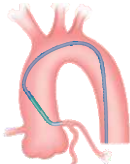
# Coronary Guiding Catheter

## Ordering Information

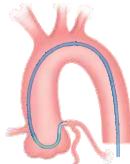
Tip options	Shapes	Models	O.D. (Fr)
XB		XB3.0-6-100	6
		XB3.5-6-100	6
		XB4.0-6-100	6
		XB4.5-6-100	6
JLG		JLG30-6-100	6
		JLG35-6-100	6
		JLG40-6-100	6
		JLG45-6-100	6
ALG		ALG1-6-100	6
		ALG2-6-100	6
		ALG3-6-100	6
JRG		JRG30-6-100	6
		JRG35-6-100	6
		JRG40-6-100	6
		JRG45-6-100	6
MPA		MPA1-8-90	8



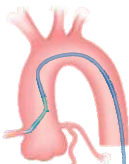
XB



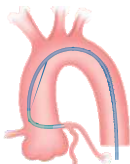
JLG



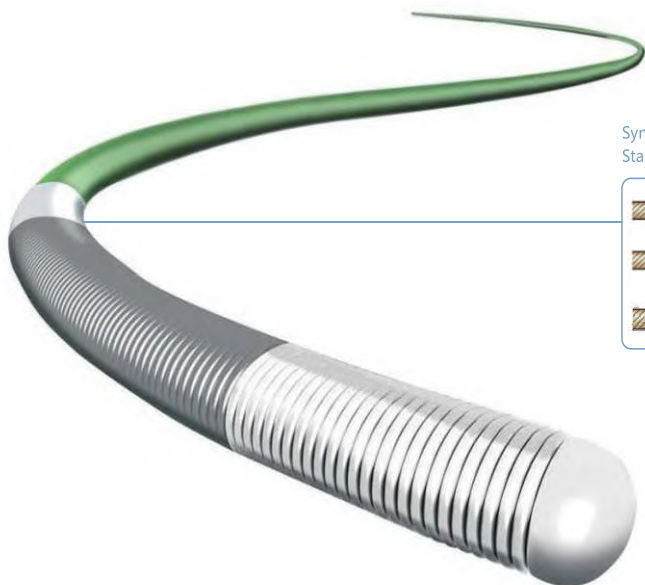
ALG



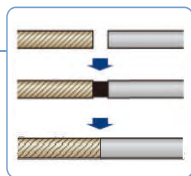
JRG



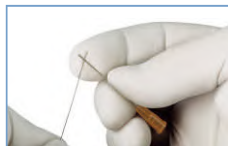
MPA



Synthesis Technology of  
Stainless Steel Nitinol



## Silcord™ PTCA guidewire



Tip shapeable

### Microapproach



### Other brands



## Product feature

- The core-to-tip structure improves excellent torque control
- Precise transmission of mechanics by the fusion technology of composite metal materials
- Tip can be shaped easily, no deformation after using different times
- Terrific touch feeling

# Ordering Information

Product name	Model NO.	OD (in/mm)	Length (cm)	Tip load
Silcord P	GGW-14180NP-S	0.014	180	soft
	GGW-14180NP-XS			ultra soft
Silcord A	GGW-14180NA-S			soft
	GGW-14180NA-XS			ultra soft

## Silcord <sup>TM</sup>P

- Soft tip, flexible joystick
- Suitable for common lesions, bifurcation lesions and complex lesions
- 1:1 torque transfer
- Ultra hydrophilic coating



GGW-14180NP-S

Tip load: soft  
 Length of mark: 3cm  
 Distal Nitinol + Proximal Stainless Steel  
 Japanese hydrophilic coating  
 Push rod with PTFE coating

GGW-14180NP-XS

Tip load: ultra soft  
 Length of mark: 3cm  
 Distal Nitinol + Proximal Stainless Steel  
 Japanese hydrophilic coating  
 Push rod with PTFE coating

## Silcord <sup>TM</sup>A

- Soft tip, flexible joystick
- Suitable for common lesions, extremely tortuous lesions and complex lesions
- 1:1 torque transfer
- Ultra hydrophilic coating



GGW-14180NA-S

Tip load: soft  
 Length of mark: 3cm  
 Distal Nitinol + Proximal Stainless Steel  
 Japanese hydrophilic coating  
 Push rod with PTFE coating

GGW-14180NA-XS

Tip load: ultra soft  
 Length of mark: 3cm  
 Distal Nitinol + Proximal Stainless Steel  
 Japanese hydrophilic coating  
 Push rod with PTFE coating





3cm Gold coil to  
amplify visualization

## DrainPro™ Micro Guidewire

### Application

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.

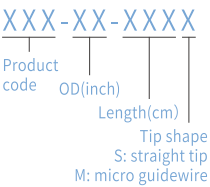
### Features

- 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

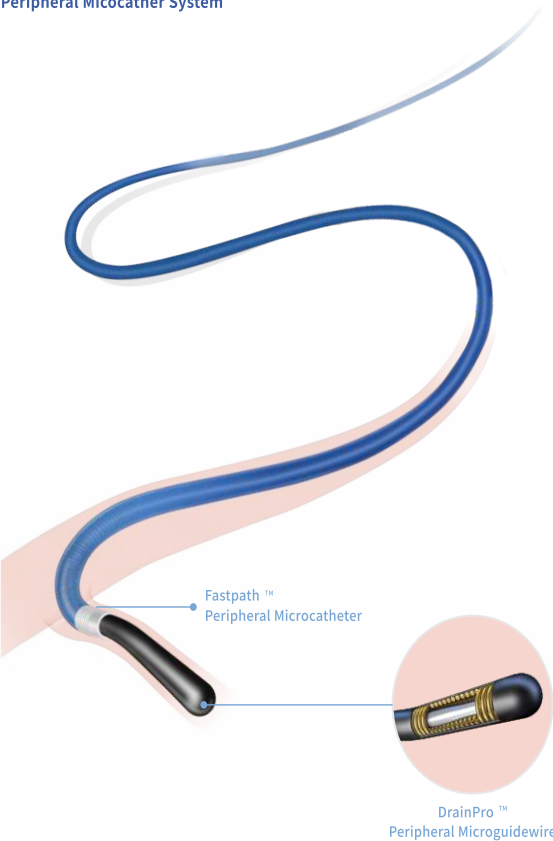
Catalog number	Diameter (in)	Length (cm)	Tip	Mark length (cm)
GWO-14-150SM	0.014"	150	Straight	3
GWO-14-200SM		190	Straight	3
GWO-14-300SM		300	Straight	3
GWO-18-150SM	0.018"	150	Straight	3
GWO-18-200SM		190	Straight	3
GWO-18-300SM		300	Straight	3

### Models Naming Composition



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

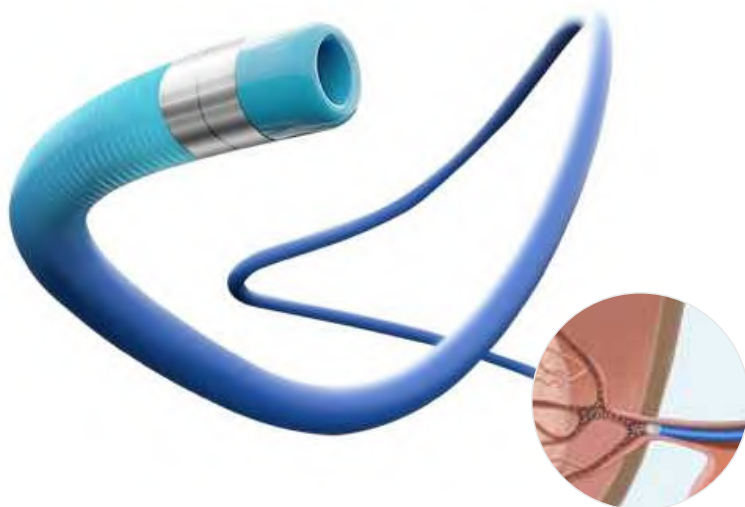
### Peripheral Micocather System



- 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



**国械注准20213030279**

Delivery of diagnostic and  
treatment devices or substances

### Application

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

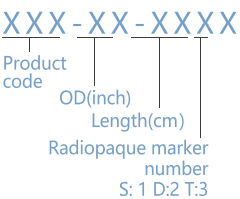
### Features

- Thinner and smoother tube tech to ensure swimmingly delivery of guidewires 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

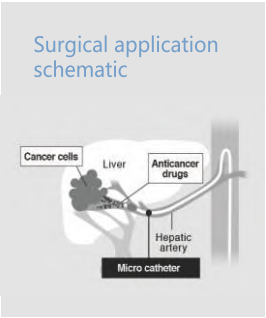
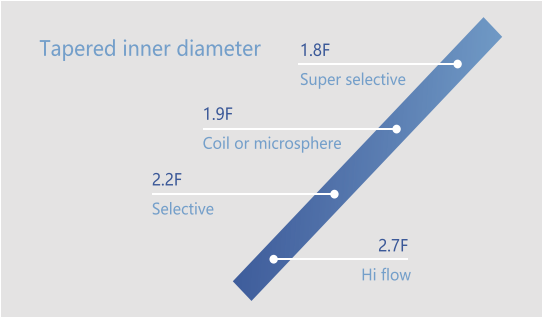
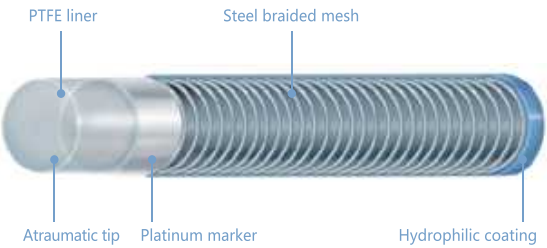
## Models Naming Composition



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

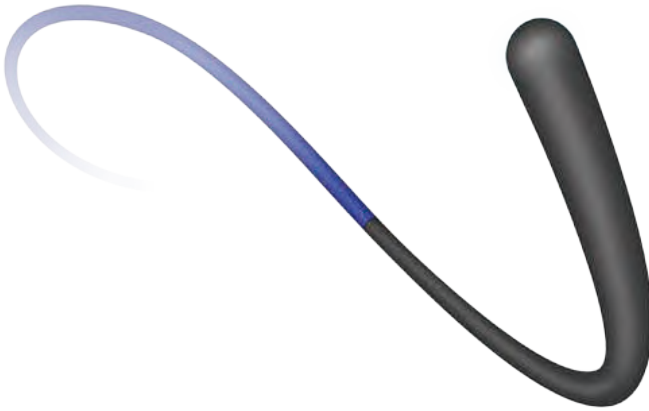
Note: 1F = 0.33 mm

Compatible max guidewire OD : 0.014inch(0.35mm)



# Peripheral Control Guidewire

国械注准:20223031193



## Application

Intended for use in peripheral interventional procedures, to facilitate the introduction and placement of diagnostic or treatment catheters.

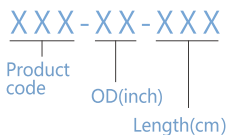
## Features

- Shapeable tip
- Improved the resolution of radiograph with Tungsten content.
- PTFE coating on shaft to reduce friction;
- Atraumatic tip with VEMA hydrophilic coating provides flexibility and minimizes trauma.

# Ordering Information

Model	Diameter (inch)	Length (cm)
GWP-14-200	0.014"	200
GWP-14-300	0.014"	300
GWP-18-110	0.018"	110
GWP-18-200	0.018"	200
GWP-18-300	0.018"	300

## Models Naming Composition



E.g: Model GWP-18-200 represents the diameter size is 0.018 inch, length is 200cm.



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

# Neuro Guidewire

国械注准20223031060



## Application

Micro guidewire is clinically suitable for use in the neurovascular system, and the guide wire can be used with a diagnostic or therapeutic, in order to place it at the selected lesion site.

## Features

- It has good pushability and maneuverability because of proximal stainless steel + distal NiTi memory alloy.
- Can meet a variety of clinical needs because of soft and ultra-soft tip hardness
- The special process design of the tip can achieve a high balance between easy shaping and shaping retention.
- The good combination of support and pushability is conducive to the best selection of the micro guidewire and guiding catheter in the tortuous
- Proximal PTFE coating + distal hydrophilic coating to reduce push resistance.



## Ordering Information

Model No.	OD (in)	Length (cm)	Tip load
GWN-14200-S	0.014"	200	Soft
GWN-14200-XS	0.014"	200	Ultra Soft

### Models Naming Composition

XXX-XXXXX-X

Product code

OD&Length

Tip load-soft and ultra soft

E.g. Model GWN-14200-S represents neuro guidewire of 0.014" OD, 200cm in length with soft tip.

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



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