CAS Product Line

Carotid Stent System

Upcoming

The Zenith Carotid Stent is the first domestic carotid stent to enter the Innovation Green Channel.

- **The first single-layer microporous mixed weaving technology in China and abroad**
  The mesh area is only 1/30th of traditional cut stents.
- **Stronger radial support with lower chronic outward force**
  Effectively dilate blood vessels while reducing vascular endothelial irritation.
- **The entire series adopts a 5F delivery system**
  Stents can be delivered through 6F or larger catheters, suitable for multiple approaches via radial or transfemoral access.
- **Surface protective coating**
  Significantly reduces nickel ion release, enhancing corrosion resistance and biocompatibility, leading to greater patient benefits.

Embolic Protection System

NMPA 20233031304

Embolic protection device:

Product Code	Maximum Filter Diameter (mm)	Filter Length (mm)	Total Length (cm)	Recovery Catheter Tip Shape	Range of compatible blood vessels (mm)
601019030	3.0	15	190	Angled	1.5-2.5
601119030	3.0	15	190	Straight	1.5-2.5
601032030	3.0	15	320	Angled	1.5-2.5
601132030	3.0	15	320	Straight	1.5-2.5
601019050	5.0	20	190	Angled	2.5-4.5
601119050	5.0	20	190	Straight	2.5-4.5
601032050	5.0	20	320	Angled	2.5-4.5
601132050	5.0	20	320	Straight	2.5-4.5
601019070	7.0	20	190	Angled	4.5-6.5
601119070	7.0	20	190	Straight	4.5-6.5
601032070	7.0	20	320	Angled	4.5-6.5
601132070	7.0	20	320	Straight	4.5-6.5

- **Polymer coating with laser perforation process**
  Finer mesh for enhanced filtration efficiency.
- **Centrally symmetrical design**
  After opening, the filter umbrella exhibits markedly enhanced wall apposition and ensures safe retrieval without any risk of entanglement.
- **The guidewire diameter is 0.014"**
  The guidewire is compatible with all types of carotid balloon dilatation catheters and stents, offering precise guidance for their delivery.

Delivery catheter:

Distal ID	Distal OD	Length from Rx port to head end	Length
0.039"/1.0mm	0.047"/1.2mm	30cm	133cm

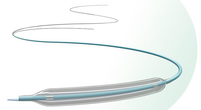
Recovery catheter:

Distal ID	Distal OD	Length of distal tube	Length
0.047"/1.2mm	0.059"/1.5mm	30cm	152cm

Carotid Artery Balloon Dilatation Catheter

NMPA 20253030129

Balloon Diameter /mm	Balloon Working Length /mm					
	20	25	30	35	40	45
2.00	√	√	√	√	√	√
2.25	√	√	√	√	√	√
2.50	√	√	√	√	√	√
2.75	√	√	√	√	√	√
3.00	√	√	√	√	√	√
3.25	√	√	√	√	√	√
3.50	√	√	√	√	√	√
3.75	√	√	√	√	√	√
4.00	√	√	√	√	√	√
4.50	√	√	√	√	√	√
5.00	√	√	√	√	√	√
5.50	√	√	√	√	√	√
6.00	√	√	√	√	√	√
6.50	√	√	√	√	√	√
7.00	√	√	√	√	√	√



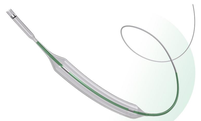
- **Rapid-exchange design**
  Simplifies operation and enhances procedural efficiency.
- **Semi-compliant balloon**
  Gradual dilation ensures safety and effectiveness.
- **Ultra-long hydrophilic coating**
  Reduces friction and assists in passing through curved blood vessels.
- **Hypotube push rod**
  Shaft with smooth transition ensures optimized flexibility and pushability.

Carotid Artery Balloon Dilatation Catheter

NMPA 20253030991

- **Rapid-exchange design**
  Simplifies operation and enhances procedural efficiency.
- **Distal retrieval sheath design**
  Enables retrieval of embolic protection devices without device exchange.
- **Muti-wing folding design**
  Facilitates smoother deflation and achieves a smaller crossing profile after rewrapping.
- **Higher rated burst pressure**
  Provides safer post-dilatation and enhances stent apposition.

Balloon Diameter (mm)	Balloon Working Length (mm)					
	20	25	30	35	40	45
2.00	√	√	√	√	√	√
2.25	√	√	√	√	√	√
2.50	√	√	√	√	√	√
2.75	√	√	√	√	√	√
3.00	√	√	√	√	√	√
3.25	√	√	√	√	√	√
3.50	√	√	√	√	√	√
3.75	√	√	√	√	√	√
4.00	√	√	√	√	√	√
4.50	√	√	√	√	√	√
5.00	√	√	√	√	√	√
5.50	√	√	√	√	√	√
6.00	√	√	√	√	√	√
6.50	√	√	√	√	√	√
7.00	√	√	√	√	√	√



COMPANY INTRODUCTION

Suzhou Zenith Vascular Co., Ltd. is a pioneering enterprise established in 2018, dedicated to providing innovative solutions for vascular diseases. Our mission is to become the leading provider of vascular solutions through innovation that creates easier and more effective endovascular treatments. With a strong foundation in independent R&D, we partner with top clinical experts worldwide to develop high-quality vascular interventional products that meet diverse clinical needs. Our mature technology platforms and in-house manufacturing system ensure consistent quality and efficiency from concept to clinical use. By focusing on innovation, quality, and continuous improvement, Zenith has become a trusted provider of cutting-edge solutions—empowering physicians and improving patient outcomes globally.

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Neurological Interventional Product Solutions

[AIS / CAS / ICAS / Access product]

Developing Innovative Technologies

AIS Product Line

Aspiration Catheter

CE Mark & FDA Registration Coming Soon
NMPA 20223031222

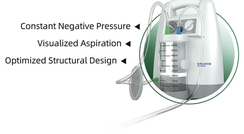
Product Code	OD	ID	Collocation Degree of Microwire (Max)	Length
B4555115	5F	0.055"	≤0.035"	115 cm
B4555125	5F	0.055"	≤0.035"	125 cm
B4555133	5F	0.055"	≤0.035"	133 cm
B4670105	6F	0.070"	≤0.035"	105 cm
B4670115	6F	0.070"	≤0.035"	115 cm
B4670125	6F	0.070"	≤0.035"	125 cm
B4670133	6F	0.070"	≤0.035"	133 cm

▶ **Larger Lumen With Thinner Walls for Stronger Aspiration**
Large 0.070" Lumen, capture large clots and greater clot burden;
More aspiration power and greater aspiration force help with rapid vessel recanalization.

▶ **Navigation and Trackability**
14 segment gradient mechanical structure with excellent passability and flexibility.

▶ **Double-Layer Stainless Steel Structure**
Soft, non-invasive tip, double-layer coil spring braiding,
stronger catheter support and bending resistance.

Zenith Aspiration Pump



Aspiration Catheter Plus

FDA 510(K) No. K252707
NMPA 20253031336

▶ **Material Upgrade: Next-Generation Nitinol Design**
- Innovative nitinol alloy with enhanced shape memory and superior anti-deformation performance
- Proprietary processing technology for more efficient torque transmission and greater stability

▶ **Structural Upgrade: Advanced Segmented Design**
- Upgraded to 15 segments for smoother transition of flexibility and improved deliverability
- The proximal support of the large-lumen sizes has been reinforced to long-sheath level, ensuring more stable aspiration

▶ **Application Upgrade: Full-Spectrum Thrombectomy Coverage**
- MeVO thrombectomy: 3F / 4F
- Large clot burden: 7F / 8F
- Standard thrombectomy: 5F / 6F

▶ **Technique Upgrade: Innovative Aspiration Techniques**
- EAT 088: Extra Large Aspiration Thrombectomy
- CDAT: Continuous Dural Aspiration Thrombectomy

Series	OD	ID	Working Length										
			90 cm	105 cm	115 cm	120 cm	125 cm	130 cm	135 cm	140 cm	145 cm	150 cm	155 cm
3F	0.050"	0.035"	/	/	/	/	/	/	/	230035140	230035145	230035150	230035155
4F	0.060"	0.045"	/	/	/	/	/	230045130	230045135	230045140	230045145	/	/
5F	0.070"	0.058"	/	/	230058115	230058120	230058125	230058130	230058135	/	/	/	/
6F	0.084"	0.072"	/	230072105	230072115	230072120	230072125	230072130	230072135	/	/	/	/
7F	0.094"	0.081"	230081090	230081105	230081115	230081120	230081125	/	/	/	/	/	/
8F	0.105"	0.088"	230088090	230088105	230088115	230088120	230088125	/	/	/	/	/	/

*Product availability may vary depending on regional regulatory approval. FDA-cleared configurations: 3F–6F.

Stent Retriever

CE MDR 808875 R000
NMPA 20233030062

▶ **International Pioneering 3D Spiral Thrombus Removal Design**
The adaptive **self-rotating** movement enables the stent to generate better thrombus entanglement ability with less support and force, improve thrombus grasping efficiency and effectiveness, and reduce the damage to the blood vessel.

▶ **Simple Model Selection**
3.5*30 mm/4.0*30 mm/6.0*40 mm, avoiding selection difficulties.

▶ **Device Compatibility**
3.5 compatible with 0.017" microcatheters, 4.0 & 6.0 compatible with 0.021" microcatheters.

▶ **Full Length Visibility**

Product Code	Stent Diameter	Stent Working Length	Stent Total Length	Total Length	Push Wire Diameter
301003530	3.5 mm	30 mm	38 mm	189 cm	0.39 mm
301004030	4.0 mm	30 mm	38 mm	189 cm	0.39 mm
301006040	6.0 mm	40 mm	50 mm	190 cm	0.39 mm

Access Product Line

FlexArc™ Long Sheath

CE Mark & FDA Registration Coming Soon
NMPA 20223031221

▶ 6F 0.089" ultra large inner cavity easily compatible with multiple catheter systems.

▶ Strengthening the hardness of the catheter body for stronger support.

▶ 5F 0.071" can support radial approach.

▶ Available in a wide range of models, with a total of 24 available.

Series	ID	OD	Working Length	Distal Soft Section	Tip Shape
5F	0.071"	6F	95/105/115/125 cm	12 cm	
6F	0.089"	8F	80/90/100/105 cm	5 cm	

FlexArc™ Distal Access Long Sheath

FDA 510(K) No. K253359
NMPA 20243031800

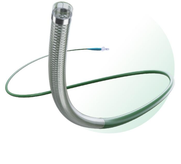
▶ **Large Lumen for Transfemoral Access**
Smoother delivery for multiple devices.

▶ **Small OD for Transradial Access**
Less vessel irritation for transradial access.

▶ **Compatible with Innovative Procedures**
More specifications with ID 5-8F to provide access support.

Series	ID	OD	Working Length	Tip Shape
5F	0.072"	2.20 mm	70/80/90/100/105 cm	
5.5F	0.082"	2.47 mm	70/80/90/100/105 cm	
6F	0.090"	2.70 mm	70/80/90/100/105 cm	
7F	0.100"	2.94 mm	70/80/90/100/105 cm	
8F	0.111"	3.24 mm	80/90/100/105 cm	

Note: The product specifications can be identified using the format: Code prefix + Inner diameter + Length.
For example, 213090070 refers to a 6F, 70 cm long sheath; MP indicates a 45° angled tip.



*Product availability may vary depending on regional approval. FDA-cleared configurations: 6F.

FlexArc™ Navigation Microcatheter

CE Mark & FDA Registration Coming Soon
NMPA 20223031398

▶ Assist the distal access catheter/aspiration catheter in smoothly passing through tortuous/branching blood vessels.

▶ Adapt to 5F/6F intermediate catheter, aspiration catheter, and other catheters with an inner diameter of 0.055"/0.070".

Serial Number	Product Code	ID	Bulb Max OD	Compatible Catheter	Compatible Catheter Minimum Inner Diameter	Compatible Guidewire Diameter
1	220517155	0.43 mm/0.017"	1.27 mm/0.050"	5F	0.055"	0.014"
2	220621155	0.53 mm/0.021"	1.65 mm/0.065"	6F	0.070"	0.014"

FlexArc™ Distal Access Catheters

CE Mark & FDA Registration Coming Soon
NMPA 20203030818/20223031393

▶ **Navigation and Trackability**
Soft, non-invasive tip, double-layer coil spring braiding, stronger catheter support and bending resistance.

▶ **14 Segment Gradient Mechanical Structure**
Excellent passability and flexibility.

▶ **Large 0.070" Lumen**
Capture large clots and greater clot burden.

Serial Number	Product Code	OD	ID	Maximum Guidewire Compatible	Working Length
Distal Access Catheter 1.0 [NMPA 20203030818]	B3555115	5F	0.055"	<0.035"	115 cm
	B3555125	5F	0.055"	<0.035"	125 cm
	B3555133	5F	0.055"	<0.035"	133 cm
	B1670105	6F	0.070"	<0.035"	105 cm
	B1670115	6F	0.070"	<0.035"	115 cm
	B1670125	6F	0.070"	<0.035"	125 cm
	B1670133	6F	0.070"	<0.035"	133 cm
	B1781090	7F	0.081"	<0.035"	90 cm
	B1781105	7F	0.081"	<0.035"	105 cm
	B1781115	7F	0.081"	<0.035"	115 cm
	B1781120	7F	0.081"	<0.035"	120 cm
	B1781125	7F	0.081"	<0.035"	125 cm
	B1888090	8F	0.088"	<0.035"	90 cm
	B1888105	8F	0.088"	<0.035"	105 cm
	B1888115	8F	0.088"	<0.035"	115 cm
	B1888120	8F	0.088"	<0.035"	120 cm
	B1888125	8F	0.088"	<0.035"	125 cm
Distal Access Catheter 2.0 [NMPA 20223031393]	B3555115	5F	0.055"	<0.035"	115 cm
	B3555120	5F	0.055"	<0.035"	120 cm
	B3555125	5F	0.055"	<0.035"	125 cm
	B3555130	5F	0.055"	<0.035"	130 cm
	B3555133	5F	0.055"	<0.035"	133 cm
	B3670105	6F	0.070"	<0.035"	105 cm
	B3670110	6F	0.070"	<0.035"	110 cm
	B3670115	6F	0.070"	<0.035"	115 cm
	B3670120	6F	0.070"	<0.035"	120 cm
	B3670125	6F	0.070"	<0.035"	125 cm
	B3670130	6F	0.070"	<0.035"	130 cm
	B3670133	6F	0.070"	<0.035"	133 cm

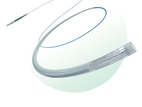
FlexArc™ Microcatheter

FDA 510(K) No. K243534
NMPA 20223030593

▶ **15 cm Soft Section at the Head End, 80 cm Ultra Long Hydrophilic Coating**
10 level gradient weaving structure ensures proximal support while also providing distal passability and flexibility.

▶ **1 mm Tip**
ensure safe operation inside blood vessels while better selecting blood vessels.

▶ **Larger Lumen with Thinner Walls & PTFE Lining**
Smoother instrument delivery.



ID	Distal OD	Proximal OD	Length
0.017"/0.43 mm	2.0F/0.66 mm	2.4F/0.81 mm	150/155 cm
0.021"/0.53 mm	2.4F/0.81 mm	2.7F/0.91 mm	150/155 cm
0.027"/0.69 mm	2.8F/0.93 mm	2.8F/0.93 mm	150/155 cm

Note: The product specifications can be identified using the format: Code prefix + Inner diameter + Length.
For example, 200017150 refers to a 0.017", 150 cm microcatheter.

FlexArc™ Microguide Wire

CE Mark & FDA Registration Coming Soon
NMPA 20223030448

▶ Hybrid nitinol/stainless steel construction offers a soft, atraumatic tip while maximizing push/pull control and torque response.
▶ Extremely high torque intensity for faster and safer intraoperative handling.
▶ Excellent tip shapeability and shape retention design promotes controlled steerability.
▶ 300 cm in length with 3 cm of clear visibility at the head end.

Product Code	Distal Diameter	Proximal Diameter	Visualization Length	Length
201012200	0.012"	0.014"	30 cm	200 cm
201012300	0.012"	0.014"	30 cm	300 cm
201014200	0.014"	0.014"	30 cm	200 cm
201014300	0.014"	0.014"	30 cm	300 cm

FlexArc™ Micro Guidewire

FDA 510(K) No. K252317
JSMPA 20242031656

▶ **Innovative Braided Structure**
Enables 1:1 torque transmission and prevents fracture.

▶ **Micro-Point Contact**
Enhances pushability and deliverability.

▶ **Specialized Tip Processing**
Superior tip shaping and shape retention ability.

Product Code	Distal OD	Proximal OD	Visualization Length	Working Length
202012210	0.012 inch	0.013 inch	85 mm	210 cm
202012220	0.012 inch	0.013 inch	85 mm	220 cm
202012310	0.012 inch	0.013 inch	85 mm	310 cm
202012320	0.012 inch	0.013 inch	85 mm	320 cm
202013210	0.013 inch	0.013 inch	85 mm	210 cm
202013220	0.013 inch	0.013 inch	85 mm	220 cm
202013310	0.013 inch	0.013 inch	85 mm	310 cm
202013320	0.013 inch	0.013 inch	85 mm	320 cm
202016220	0.016 inch	0.016 inch	85 mm	220 cm
202016320	0.016 inch	0.016 inch	85 mm	320 cm
202018110	0.018 inch	0.018 inch	30 mm	110 cm
202018150	0.018 inch	0.018 inch	30 mm	150 cm
202018200	0.018 inch	0.018 inch	30 mm	200 cm
202018300	0.018 inch	0.018 inch	30 mm	300 cm

ICAS Product Line

Intracranial Balloon Dilatation Catheter

CE Mark & FDA Registration Coming Soon
NMPA 20233030479

▶ **Larger Lumen with Thinner Walls & PTFE Lining**
Gradual dilatation ensures safety and effectiveness.

▶ **Rapid Exchange Design**
Easy and effective for achieving dilation.

▶ **250 mm Ultra Long Hydrophilic Coating**
Reduces friction and assists in passing through curved blood vessels.

▶ **Hypotube Push Rod**
Better clinical experience.

Balloon Length /mm	Balloon diameter/mm									
	1.50	2.00	2.25	2.50	2.75	3.00	3.25	3.50	4.00	4.50
6	✓	✓	✓	✓						
9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25						✓	✓	✓	✓	✓