



「FOCUS ON QUALITY  
RESPECT FOR LIFE」

Provide comprehensive medical solutions.





# Company Profile

Established in 1999, Baihe Medical is one of the leading medical device manufacturers in the South of China, specialized in medical disposables for use in anesthesia, blood purification, infusion and wound care.

With total 2000 employees and land occupation over 40,000 square meters, Baihe Medical's headquarter locates in Southern Medical Industrial park, Foshan City, Guangdong Province, 200 kilometers away from Hong Kong. Baihe Medical currently operates 6 manufacturing plants, meanwhile she has 4 wholly-owned subsidiary companies, including Biosun Medical, United Medical, Jiakang Medical and Dihua Precision Moulding.

The Quality Assurance System is certified and correspondent with ISO-13485, ISO 9001. More than 20 products are certified with CE mark. Central Venous Catheter and Hemodialysis Catheter can be marketed in USA. Baihe is the biggest manufacturer of two above mentioned products in terms of production capacity in China.

The company upholds “ Focusing on Quality, Respect for Life”, dedicating to becoming one of the leading suppliers of medical device.







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# Anesthetic Products



## Standard Kits include:

1. Central Venous Catheter
2. Guide-wire
3. Vessel Dilator
4. Clamp
5. Fastener: Catheter Clamp
6. Introducer Needle
7. Introducer Syringe
8. Injection Needle
9. Injection Cap

## Optional Compound Kits include:

1. Central Venous Catheter
- Standard Kit Accessories
2. 5ml Syringe
3. Surgical Gloves
4. Surgical Pledget
5. Surgery Sheet
6. Surgery Towel
7. Sterile Brush
8. Gauze Pad
9. Suture of Needle
10. Wound Dressing
11. Scalpel



# Central Venous Catheter



Movable clamp allows anchorage at puncture site regardless of depth of catheter, which minimizes trauma and irritation to the puncturing site. Depth marking assists in accurate placement of central venous catheter from the right or left subclavian or jugular vein. Soft tip reduces trauma to vessel, minimizing vessel erosion, hemothorax and cardiac tamponade. Single, double, triple and quad lumen is available for choice. Radiopacity facilitates confirmation of catheter placement. The multi-lumen version's tips are more radiopaque, which makes it easy to confirm the placement of fluoroscopic tip. Vessel dilator ensures "super soft" catheters to be easily placed percutaneously.

## Optional

## Alternative

## Compound-packaging Tray



Triangle Hub



Straight or Y-shaped Type Puncture Needle.



Nitinol or Stainless Steel Guide-wire with Flexible J-tip



Sharp Scalpel











ECG Cable



Various Accessories for Choice





## Order Information



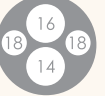
Product Code	Lumen	Catheter Size	Length (cm)	Dilator	Guidewire	Introducer Needle
FV-1221	Single	22Ga	5	4F×5cm	0.018"×50cm	Straight/Y Needle 20Ga 
FV-1222	Single	22Ga	8	4F×5cm	0.018"×50cm	
FV-1223	Single	22Ga	10	4F×5cm	0.018"×50cm	
FV-1224	Single	22Ga	13	4F×5cm	0.018"×50cm	
FV-122915	Single	22Ga	15	4F×5cm	0.018"×50cm	
FV-1225	Single	22Ga	16	4F×5cm	0.018"×50cm	
FV-1226	Single	22Ga	20	4F×5cm	0.018"×60cm	
FV-1228	Single	22Ga	30	4F×5cm	0.018"×70cm	
FV-1321	Single	20Ga	5	4F×5cm	0.021"×50cm	Straight/Y Needle 20Ga 
FV-1322	Single	20Ga	8	4F×5cm	0.021"×50cm	
FV-1323	Single	20Ga	10	4F×5cm	0.021"×50cm	
FV-1324	Single	20Ga	13	4F×5cm	0.021"×50cm	
FV-132915	Single	20Ga	15	4F×5cm	0.021"×50cm	
FV-1325	Single	20Ga	16	4F×5cm	0.021"×50cm	
FV-1326	Single	20Ga	20	4F×5cm	0.021"×60cm	
FV-1328	Single	20Ga	30	4F×5cm	0.021"×70cm	
FV-1421	Single	18Ga	5	5.5F×6cm	S 0.025"×50cm Y 0.021"×50cm	Straight/Y Needle 19Ga/20Ga 
FV-1422	Single	18Ga	8	5.5F×6cm	S 0.025"×50cm Y 0.021"×50cm	
FV-1423	Single	18Ga	10	5.5F×6cm	S 0.025"×50cm Y 0.021"×50cm	
FV-1424	Single	18Ga	13	5.5F×6cm	S 0.025"×50cm Y 0.021"×50cm	
FV-142915	Single	18Ga	15	5.5F×6cm	S 0.025"×50cm Y 0.021"×50cm	
FV-1425	Single	18Ga	16	5.5F×6cm	S 0.025"×50cm Y 0.021"×50cm	
FV-1426	Single	18Ga	20	5.5F×6cm	S 0.025"×60cm Y 0.021"×60cm	
FV-1428	Single	18Ga	30	5.5F×6cm	S 0.025"×70cm Y 0.021"×70cm	

Product Code	Lumen	Catheter Size	Length (cm)	Dilator	Guidewire	Introducer Needle
FV-1521	Single	16Ga	5	6F×10cm	0.032"×50cm	Straight/Y Needle 18Ga 
FV-1522	Single	16Ga	8	6F×10cm	0.032"×50cm	
FV-1523	Single	16Ga	10	6F×10cm	0.032"×50cm	
FV-1524	Single	16Ga	13	6F×10cm	0.032"×50cm	
FV-152915	Single	16Ga	15	6F×10cm	0.032"×50cm	
FV-1525	Single	16Ga	16	6F×10cm	0.032"×50cm	
FV-1526	Single	16Ga	20	6F×10cm	0.032"×60cm	
FV-1528	Single	16Ga	30	6F×10cm	0.032"×70cm	
FV-1624	Single	14Ga	13	8F×10cm	0.032"×50cm	Straight/Y Needle 18Ga 
FV-162915	Single	14Ga	15	8F×10cm	0.032"×50cm	
FV-1625	Single	14Ga	16	8F×10cm	0.032"×50cm	
FV-1626	Single	14Ga	20	8F×10cm	0.032"×60cm	
FV-1628	Single	14Ga	30	8F×10cm	0.032"×70cm	Straight/Y Needle 20Ga 
FV/FC-2421	Double	4Fr	5	5.5F×6cm	0.018"×50cm	
FV/FC-2422	Double	4Fr	8	5.5F×6cm	0.018"×50cm	
FV/FC-2423	Double	4Fr	10	5.5F×6cm	0.018"×50cm	
FV/FC-2424	Double	4Fr	13	5.5F×6cm	0.018"×50cm	
FV/FC-242915	Double	4Fr	15	5.5F×6cm	0.018"×50cm	
FV/FC-2425	Double	4Fr	16	5.5F×6cm	0.018"×50cm	
FV/FC-2426	Double	4Fr	20	5.5F×6cm	0.018"×60cm	
FV/FC-2428	Double	4Fr	30	5.5F×6cm	0.018"×70cm	
FV/FC-2521	Double	5Fr	5	6F×7cm	0.021"×50cm	Straight/Y Needle 20Ga 
FV/FC-2522	Double	5Fr	8	6F×7cm	0.021"×50cm	
FV/FC-2523	Double	5Fr	10	6F×7cm	0.021"×50cm	
FV/FC-2524	Double	5Fr	13	6F×7cm	0.021"×50cm	
FV/FC-252915	Double	5Fr	15	6F×7cm	0.021"×50cm	
FV/FC-2525	Double	5Fr	16	6F×7cm	0.021"×50cm	
FV/FC-2526	Double	5Fr	20	6F×7cm	0.021"×60cm	
FV/FC-2528	Double	5Fr	30	6F×7cm	0.021"×70cm	
FV/FC-2724	Double	7Fr	13	8F×10cm	0.035"×50cm	Straight/Y Needle 18Ga 
FV/FC-272915	Double	7Fr	15	8F×10cm	0.035"×50cm	
FV/FC-2725	Double	7Fr	16	8F×10cm	0.035"×50cm	
FV/FC-2726	Double	7Fr	20	8F×10cm	0.035"×60cm	
FV/FC-2728	Double	7Fr	30	8F×10cm	0.035"×70cm	



## Order Information

Product Code	Lumen	Catheter Size	Length (cm)	Dilator	Guidewire	Introducer Needle	
FV-2824	Double	8Fr	13	9F×10cm	0.035"×50cm	Straight/Y Needle 18Ga 	
FV-282915	Double	8Fr	15	9F×10cm	0.035"×50cm		
FV-2825	Double	8Fr	16	9F×10cm	0.035"×50cm		
FV-2826	Double	8Fr	20	9F×10cm	0.035"×60cm		
FV-2828	Double	8Fr	30	9F×10cm	0.035"×70cm		
FV-2921	Double	8.5Fr	5	9F×10cm	0.035"×50cm	Straight/Y Needle 18Ga 	
FV-2922	Double	8.5Fr	8	9F×10cm	0.035"×50cm		
FV-2923	Double	8.5Fr	10	9F×10cm	0.035"×50cm		
FV-2924	Double	8.5Fr	13	9F×10cm	0.035"×50cm		
FV-2925	Double	8.5Fr	16	9F×10cm	0.035"×50cm		
FV-2926	Double	8.5Fr	20	9F×10cm	0.035"×60cm		
FV-2927	Double	8.5Fr	25	9F×10cm	0.035"×60cm		
FV-2928	Double	8.5Fr	30	9F×10cm	0.035"×70cm		
FV/FC-3421	Triple	4.5Fr	5	6F×5cm/6F×7cm	0.021"×50cm		Straight/Y Needle 20Ga 
FV/FC-3422	Triple	4.5Fr	8	6F×5cm/6F×7cm	0.021"×50cm		
FV/FC-3423	Triple	4.5Fr	10	6F×5cm/6F×7cm	0.021"×50cm		
FV/FC-3424	Triple	4.5Fr	13	6F×5cm/6F×7cm	0.021"×50cm		
FV/FC-342915	Triple	4.5Fr	15	6F×5cm/6F×7cm	0.021"×50cm		
FV/FC-3425	Triple	4.5Fr	16	6F×5cm/6F×7cm	0.021"×50cm		
FV/FC-3426	Triple	4.5Fr	20	6F×5cm/6F×7cm	0.021"×60cm		
FV/FC-3428	Triple	4.5Fr	30	6F×5cm/6F×7cm	0.021"×70cm		
FV/FC-3521	Triple	5.5Fr	5	6.5F×10cm	0.021"×50cm	Straight/Y Needle 20Ga 	
FV/FC-3522	Triple	5.5Fr	8	6.5F×10cm	0.021"×50cm		
FV/FC-3523	Triple	5.5Fr	10	6.5F×10cm	0.021"×50cm		
FV/FC-3524	Triple	5.5Fr	13	6.5F×10cm	0.021"×50cm		
FV/FC-352915	Triple	5.5Fr	15	6.5F×10cm	0.021"×50cm		
FV/FC-3525	Triple	5.5Fr	16	6.5F×10cm	0.021"×50cm		
FV/FC-3526	Triple	5.5Fr	20	6.5F×10cm	0.021"×60cm		
FV/FC-3528	Triple	5.5Fr	30	6.5F×10cm	0.021"×70cm		

Product Code	Lumen	Catheter Size	Length (cm)	Dilator	Guidewire	Introducer Needle
FV/FC-3724	Triple	7Fr	13	8F×10cm	0.035"×50cm	Straight/Y Needle 18Ga 
FV/FC-372915	Triple	7Fr	15	8F×10cm	0.035"×50cm	
FV/FC-3725	Triple	7Fr	16	8F×10cm	0.035"×50cm	
FV/FC-3726	Triple	7Fr	20	8F×10cm	0.035"×60cm	
FV/FC-3728	Triple	7Fr	30	8F×10cm	0.035"×70cm	
FV/FC-3924	Triple	8.5Fr	13	9F×10cm	0.035"×50cm	Straight/Y Needle 18Ga 
FV/FC-392915	Triple	8.5Fr	15	9F×10cm	0.035"×50cm	
FV/FC-3925	Triple	8.5Fr	16	9F×10cm	0.035"×50cm	
FV/FC-3926	Triple	8.5Fr	20	9F×10cm	0.035"×60cm	
FV/FC-3928	Triple	8.5Fr	30	9F×10cm	0.035"×70cm	
FV-4921	Quad	8.5Fr	5	9F×10cm	0.035"×50cm	Straight/Y Needle 18Ga 
FV-4922	Quad	8.5Fr	8	9F×10cm	0.035"×50cm	
FV-4923	Quad	8.5Fr	10	9F×10cm	0.035"×50cm	
FV-4924	Quad	8.5Fr	13	9F×10cm	0.035"×50cm	
FV-492915	Quad	8.5Fr	15	9F×10cm	0.035"×50cm	
FV-4925	Quad	8.5Fr	16	9F×10cm	0.035"×50cm	
FV-4926	Quad	8.5Fr	20	9F×10cm	0.035"×60cm	
FV-4928	Quad	8.5Fr	30	9F×10cm	0.035"×70cm	

### Remarks:

1. The product codes in this chart are for CVC kits with straight introducer needle configuration.
2. CVC kits with Y-shaped introducer needle configuration are also available in adult types. The product code of CVC kit with Y-shaped introducer needle configuration is to add letter "Y" after the product code of CVC kit with straight introducer needle configuration, for example, "FC-2726Y". Before you order, please clarify which configuration you request, either straight or Y-shape introducer needle.
3. Pediatric types of CVC include single lumen 22Ga, 20Ga, 18Ga ; double lumen 4Fr, 5Fr ; triple lumen 4.5Fr and triple lumen 5.5Fr.
4. Adult types of CVC include single lumen 16Ga, 14Ga ; double lumen 7Fr, 8Fr, 8.5Fr ; triple lumen 7Fr, 8.5Fr and quad lumen 8.5Fr.
5. "FV" in the product code for single lumen CVC means with cylinder hub.
6. "FC" in the product code for double lumen, triple lumen, quad lumen CVC means with triangular hub. "FV" in the product code for double lumen, triple lumen, quad lumen CVC means with round hub.

## Antimicrobial Central Venous Catheter



### Mechanism

The tubing is made from polyurethane which mixed with silver-containing zirconium phosphate at nanometer level, when the catheter is placed into the body, Ag<sup>+</sup> will be released to inhibit bacteria growing.

### The benefits of anti microbial central venous catheter

1. The anti microbial central venous is effective to inhibit the growth of bacteria, it can reduce 80% of related infection of ordinary central venous catheter, 10%-20% mortality which was caused by the infection and 75% of bacteremia.
2. The anti microbial central venous catheter can be planted into the body longer than the ordinary catheter. It is non-toxic to human as the mechanism is different from the antibiotics. Thus, it is not easy to cause drug resistance of bacterial.

### The effect to the bacteria infection of burn wound

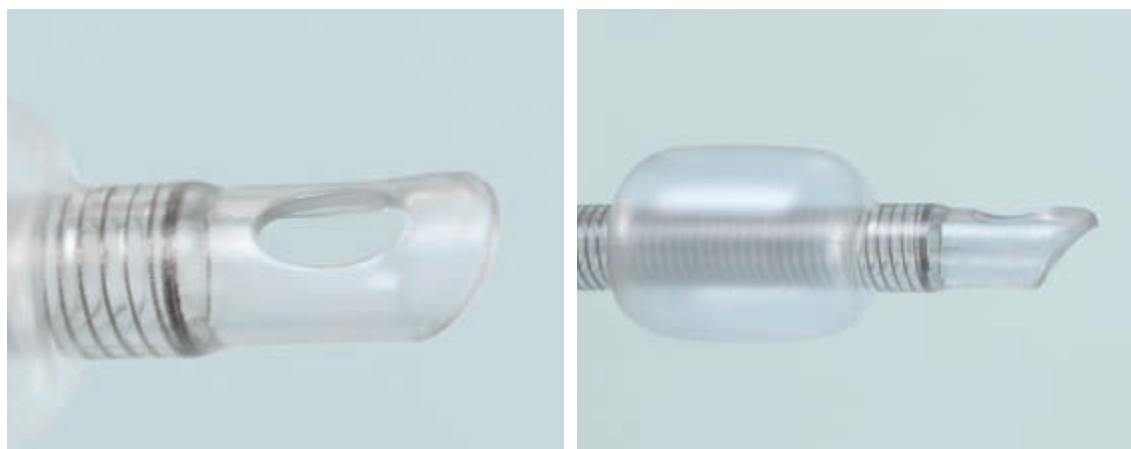
The chance of infection caused by ordinary central venous catheter is 4.5%, 80% of infection is caused by bacteria on the skin surface entering the blood through the catheter puncture site. The typical bacteria are the anti-thrombin staphylococcus, enterococcus and candida. The anti microbial central venous catheter is effective to inhibit bacteria growing, especially gram-positive bacteria, gram-negative bacteria and fungus. The form below indicates the anti-bacterial rate of typical bacteria.

### Anti-bacterial rate of 20mm Diameter Bacterial inhibited cycle.

Typical bacteria	Anti-bacterial rate
Staphylococcus aureus	99.98%
Escherichia coli	>99.98%
Candida	>99.98%



# Endotracheal Tube



## Characteristics:

1. The bevel of patient end is standard angle and is melted smoothly without burr.
2. The border of Murphy eye is smooth and without sharp angle.
3. The cuff is soft, long and wide. The feature of high volume and low pressure can reduce the trauma to mucosa.
4. The connection between cuff and main tube is smooth and without sharp angle, the chance of trauma to mucosa can be reduced during the insertion.
5. The tube is made from thermosensitive material, it will become soft after being inserted into the trachea without trauma to trachea. The hardness and elasticity of tube is moderate, thus, tube is uneasy to be bended.

## Order Information

Product Code	Size(mm)/Cuffed	Product Code	Size(mm)/Cuffed
ET-1111003	3.0	ET-1110001	2.0
ET-1111004	3.5	ET-1110002	2.5
ET-1111005	4.0	ET-1110003	3.0
ET-1111006	4.5	ET-1110004	3.5
ET-1111007	5.0	ET-1110005	4.0
ET-1111008	5.5	ET-1110006	4.5
ET-1111009	6.0	ET-1110007	5.0
ET-1111010	6.5	ET-1110008	5.5
ET-1111011	7.0	ET-1110009	6.0
ET-1111012	7.5	ET-1110010	6.5
ET-1111013	8.0	ET-1110011	7.0
ET-1111014	8.5	ET-1110012	7.5
ET-1111015	9.0	ET-1110013	8.0
ET-1111016	9.5	ET-1110014	8.5
ET-1111017	10.0	ET-1110015	9.0
ET-1111018	10.5	ET-1110016	9.5
ET-1111019	11.0	ET-1110017	10.0
ET-1211010	6.5(Oral)	ET-1110018	10.5
ET-1311008	5.5(Nasal)	ET-1110019	11.0

# Anesthetic Products



## Standard Kits include:

1. Drainage Catheter
2. Guide-wire
3. Vessel Dilator
4. Introducer Needle
5. Introducer Syringe
6. Injection Needle
7. Injection Cap
8. Connecting tube

## Optional Compound Kits include:

1. Drainage Catheter  
Standard Kit Accessories
2. 5ml Syringe
3. Surgical Gloves
4. Surgical Pledget
5. Surgery Sheet
6. Surgery Towel
7. Sterile Brush
8. Gauze Pad
9. Suture of Needle
10. Wound Dressing
11. Scalpel

# Drainage Catheter



## Catheter

Special PUR material with great biocompatibility avoids catheter adhere and block; the catheter is soft with small irritation and great crease resistance. It can soften in human body so the patients can feel more comfortable.

## Catheter Tube

The catheter tube is radiopaque under X-ray and graduation marked, so it is easy to master the depth of the catheter placement.

## Catheter Placement

The catheter placement operation is safer to reduce the chance of infection during minimally invasive surgery with guidewire use. The guidewire front end is naturally curved so it is not easy to injure splanchnocoele viscera.

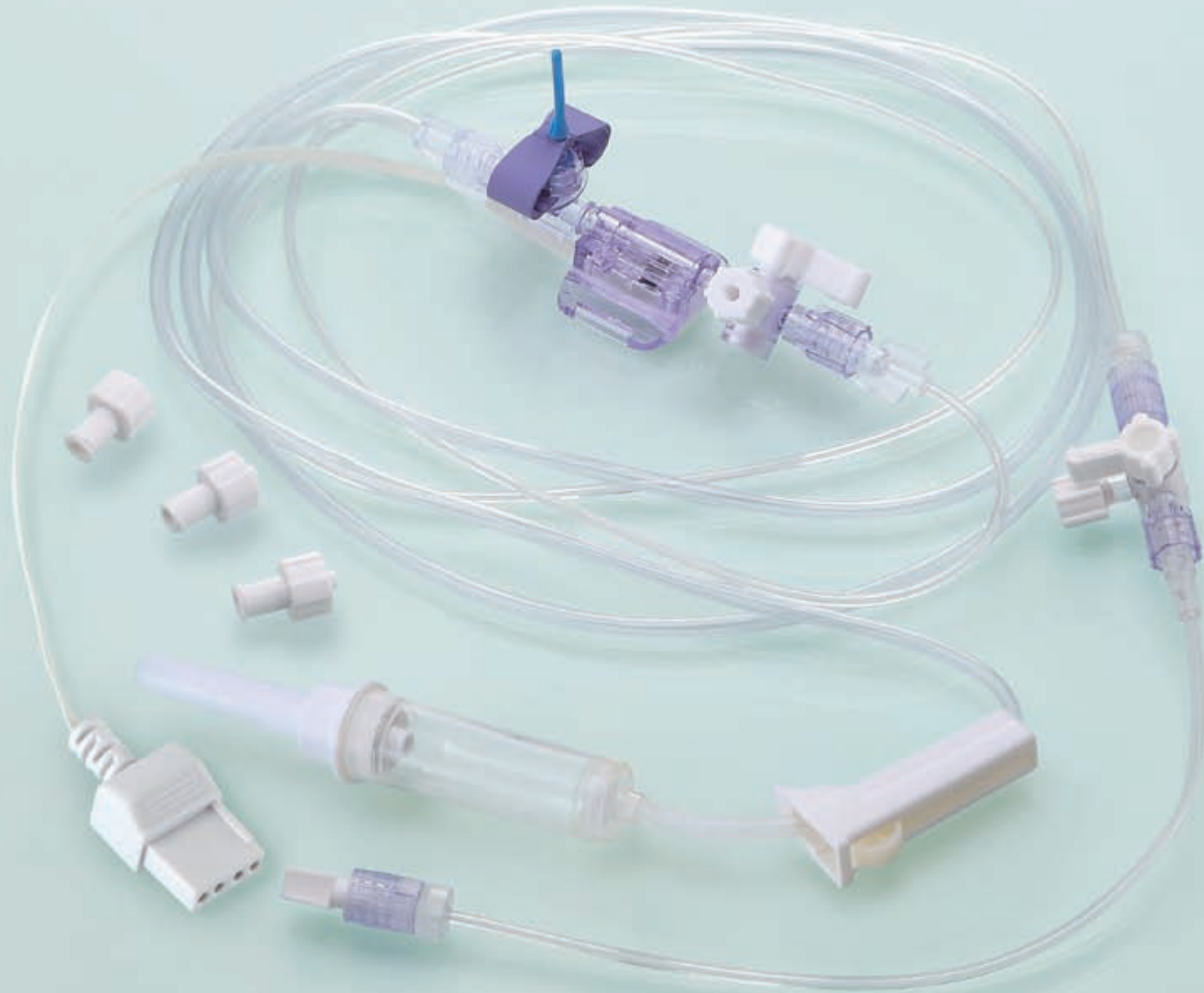
## Catheter Front End

The catheter front end has two different designs. 1. Straight design. 2. Pigtail twisted design with smooth built-in and outside and additional side hole on the low-lying side. This design can avoid catheter wall sucked and blocked, and it can increase drainage area.

## Order Information

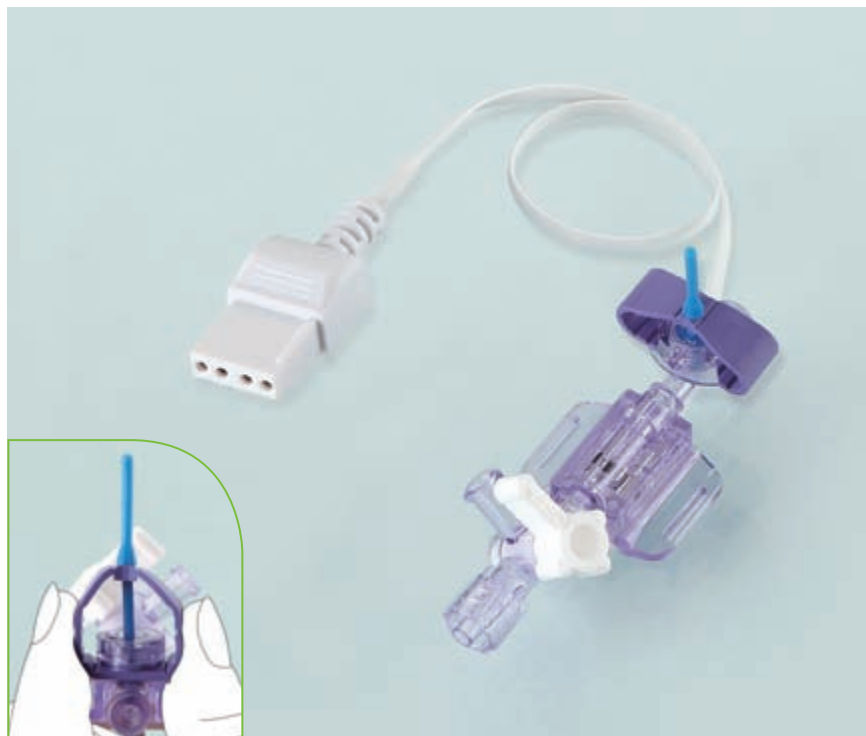
Product Code	Specification of Product	Dilator	Guidewire	Shape
FY-1616	Single Lumen 6Fr(14Ga)x 20cm	8Fr	.035 x 60 cm	Straight
FY-1616w	Single Lumen 6Fr(14Ga)x 20cm	8Fr	.035 x 60 cm	Curved
FY-1618	Single Lumen 6Fr(14Ga)x 20cm	8Fr	.035 x 70 cm	Straight
FY-1618w	Single Lumen 6Fr(14Ga)x 20cm	8Fr	.035 x 70 cm	Curved
FY-1816	Single Lumen 8Fr(12Ga)x 20cm	9Fr	.035 x 60 cm	Straight
FY-1816w	Single Lumen 8Fr(12Ga)x 20cm	9Fr	.035 x 60 cm	Curved
FY-1818	Single Lumen 8Fr(12Ga)x 20cm	9Fr	.035 x 70 cm	Straight
FY-1818w	Single Lumen 8Fr(12Ga)x 20cm	9Fr	.035 x 70 cm	Curved
FY-1016	Single Lumen 10Fr(11Ga)x 20cm	10Fr	.035 x 60 cm	Straight
FY-1016w	Single Lumen 10Fr(11Ga)x 20cm	10Fr	.035 x 60 cm	Curved
FY-1018	Single Lumen 10Fr(11Ga)x 20cm	10Fr	.035 x 70 cm	Straight
FY-1018w	Single Lumen 10Fr(11Ga)x 20cm	10Fr	.035 x 70 cm	Curved
FY-1216	Single Lumen 12Fr(10Ga)x 20cm	12Fr	.035 x 60 cm	Straight
FY-1216w	Single Lumen 12Fr(10Ga)x 20cm	12Fr	.035 x 60 cm	Curved
FY-1218	Single Lumen 12Fr(10Ga)x 20cm	12Fr	.035 x 70 cm	Straight
FY-1218w	Single Lumen 12Fr(10Ga)x 20cm	12Fr	.035 x 70 cm	Curved

# Anesthetic Products





## Pressure Transducer



### Strengths:

1. Sensitive chip, accurate data transfer
2. Match all kinds of cables

### Description:

Disposable Pressure Transducer and its accessories are consisted of medical grade high polymer material and possess advanced biological compatibility, its unique structure and configuration guarantee the product's safety and reliability.

### Application:

1. Central venous pressure and other various physiological pressure monitoring.
2. Blood sampling.
3. Neonatus pressure monitoring.

### Safety in Use:

1. Closed system design reduces the risk of infection of operators.
2. Accurate substantial design helps to avoid risk of leaking.
3. Needle free blood sample collecting system helps to avoid stabbing and cross infection.

### Convenient Operation:

1. Simple operation and accurate flow rate control.
2. Various Connectors for choice, can be used with different monitors.
3. Micro constant flow (2~5cc/25~35cc per hour) helps to guarantee the continuous flowing.



## Order Information

Product Code	Description
020-FT-A001	With U connector
021-FT-A001	With A connector
022-FT-A001	With D connector
023-FT-A001	With E connector
024-FT-A001	With M connector
025-FT-A001	With B connector

# Arterial Catheter



Straight or Y-shaped Type Puncture Needle.



Nitinol or Stainless Steel Guide-wire

## Application

1. Monitor invasive arterial blood pressure
2. Collect blood sample
3. Infusion drug and solution

## Characteristics

1. The tube is made of polyurethane with good biocompatibility and it is convenient for catheter placement due to stiff catheter.
2. Standard Seldinger Technique
3. Catheter and guidewire are protected by sheath
4. Nitinol or stainless steel guidewire is available
5. Straight or Y-Shaped introducer needle configuration is available

## Specification

Number of lumen	Catheter diameter	Catheter length
Single	18Ga	5-50cm
Single	20Ga	
single	22Ga	

# PICC



## Characteristics

1. The connector is round and smooth with PASV valve.
  - A) Valve opens inward for sampling under negative pressure.
  - B) Valve opens outward for infusion under positive pressure.
  - C) Valve remains closed to prevent air embolism, blood reflux and clot under normal pressure.
2. The catheter is made from premium silicone, which has excellent biocompatibility.
3. Adjustable length of catheter.
4. Detectable under X ray, the end tip enhances radiopacity.
5. The stylet of catheter ensures placement more convenient and smooth.
6. Variety of kit configuration, nitinol guide wire and positive pressure needless connector is available for choice.

# Blood Purification Products



## Standard Kits include:

1. Hemodialysis Catheter
2. Vessel Dilator
3. Introducer Needle
4. Syringe
5. Guide-wire
6. Adhesive Wound Dressings
7. Heparin Caps
8. Scalpel
9. Needle with Suture

## Optional Compound Kits include:

1. Hemodialysis Catheter Standard Kit Accessories
2. 5ml Syringe
3. Surgical Gloves
4. Surgical Pledget
5. Surgery Sheet
6. Surgery Towel
7. Sterile Brush
8. Gauze Pad



# Hemodialysis Catheter



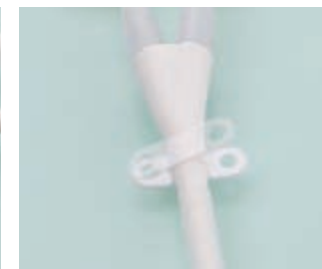
**Soft Tip**  
Tapered tip facilitates ease of insertion without use of peel-away sheath. Reduces vessel trauma during insertion.



**Side Holes**  
2.5cm far from end hole reduces recirculation and wall-suction. Minimizes risk of clot formation.



**Radiopaque**  
Radiopaque, facilitates quick visualization under X-Ray.



**Rotatable Suture Wing**  
Facilitates skin inspection. Avoid blood vessel wall-suction. Minimizes risk of exit infections. No tube-kinking occurred.



**Silicone Extension Tube**  
Increases patient comfort, will not crimp over time, able to visualize fluids.



**Multi-lumen available**  
Single, double, triple lumen.



**Compound-packaging Tray**  
Various Accessories for choice.



**Made from PU (medical grade)**  
Better flexibility and anti-kinking performance.

**Pre-curved Type**  
More comfortable on patients.

## Order Information



Product Code	Lumen	Catheter Size	Catheter Length(cm)	Dilator	Guidewire	Shape of Extension Tube
FH-1721	Single Lumen	7Fr	5	8F×10cm	0.035"×50cm	Straight
FH-1721W						Curved
FH-1722	Single Lumen	7Fr	8	8F×10cm	0.035"×50cm	Straight
FH-1722W						Curved
FH-1723	Single Lumen	7Fr	10	8F×10cm	0.035"×50cm	Straight
FH-1723W						Curved
FH-1724	Single Lumen	7Fr	13	8F×10cm	0.035"×50cm	Straight
FH-1724W						Curved
FH-1725	Single Lumen	7Fr	16	8F×10cm	0.035"×50cm	Straight
FH-1725W						Curved
FH-1726	Single Lumen	7Fr	20	8F×10cm	0.035"×60cm	Straight
FH-1726W						Curved
FH-1821	Single Lumen	8Fr	5	9F×10cm	0.038"×50cm	Straight
FH-1821W						Curved
FH-1822	Single Lumen	8Fr	8	9F×10cm	0.038"×50cm	Straight
FH-1822W						Curved
FH-1823	Single Lumen	8Fr	10	9F×10cm	0.038"×50cm	Straight
FH-1823W						Curved
FH-1824	Single Lumen	8Fr	13	9F×10cm	0.038"×50cm	Straight
FH-1824W						Curved
FH-1825	Single Lumen	8Fr	16	9F×10cm	0.038"×50cm	Straight
FH-1825W						Curved
FH-1826	Single Lumen	8Fr	20	9F×10cm	0.038"×60cm	Straight
FH-1826W						Curved
FR/FH-2622	Double Lumen	6.5Fr	8	7F×10cm	0.021"×50cm	Straight
FR/FH-2622W						Curved
FR/FH-2623	Double Lumen	6.5Fr	10	7F×10cm	0.021"×50cm	Straight
FR/FH-2623W						Curved
FR/FH-2624	Double Lumen	6.5Fr	13	7F×10cm	0.021"×50cm	Straight
FR/FH-2624W						Curved
FR/FH-2625	Double Lumen	6.5Fr	16	7F×10cm	0.021"×50cm	Straight
FR/FH-2625W						Curved
FR/FH-2626	Double Lumen	6.5Fr	20	7F×10cm	0.021"×60cm	Straight
FR/FH-2626W						Curved

# Order Information

Product Code	Lumen	Catheter Size	Catheter Length(cm)	Dilator	Guidewire	Shape of Extension Tube
FR/FH-2921	Double	8.5Fr	5	9F×10cm	0.025"×50cm	Straight
FR/FH-2921W	Lumen					Curved
FR/FH-2922	Double	8.5Fr	8	9F×10cm	0.025"×50cm	Straight
FR/FH-2922W	Lumen					Curved
FR/FH-2923	Double	8.5Fr	10	9F×10cm	0.025"×50cm	Straight
FR/FH-2923W	Lumen					Curved
FR/FH-2924	Double	8.5Fr	13	9F×10cm	0.025"×50cm	Straight
FR/FH-2924W	Lumen					Curved
FR/FH-2925	Double	8.5Fr	16	9F×10cm	0.025"×50cm	Straight
FR/FH-2925W	Lumen					Curved
FR/FH-2926	Double	8.5Fr	20	9F×10cm	0.025"×60cm	Straight
FR/FH-2926W	Lumen					Curved
FR/FH-2323	Double	10F	10	9F×10cm	0.038"×50cm	Straight
FR/FH-2323W	Lumen			10F×15cm		Curved
FR/FH-2324	Double	10F	13	9F×10cm	0.038"×50cm	Straight
FR/FH-2324W	Lumen			10F×15cm		Curved
FR/FH-232915	Double	10F	15	9F×10cm	0.038"×50cm	Straight
FR/FH232915W	Lumen			10F×15cm		Curved
FR/FH-2325	Double	10F	16	9F×10cm	0.038"×50cm	Straight
FR/FH-2325W	Lumen			10F×15cm		Curved
FR/FH-2326	Double	10F	20	9F×10cm	0.038"×60cm	Straight
FR/FH-2326W	Lumen			10F×15cm		Curved
FR/FH-2124	Double	11.5Fr	13	12F×15cm	0.038"×50cm	Straight
FR/FH-2124W	Lumen			10F×15cm		Curved
FR/FH-2125	Double	11.5Fr	16	12F×15cm	0.038"×50cm	Straight
FR/FH-2125W	Lumen			10F×15cm		Curved
FR/FH-2126	Double	11.5Fr	20	12F×15cm	0.038"×60cm	Straight
FR/FH-2126W	Lumen			10F×15cm		Curved
FR/FH-2127	Double	11.5Fr	25	12F×15cm	0.038"×60cm	Straight
FR/FH-2127W	Lumen			10F×15cm		Curved

Product Code	Lumen	Catheter Size	Catheter Length(cm)	Dilator	Guidewire	Shape of Extension Tube
FR/FH-2224	Double	12Fr	13	12F×15cm	0.038"×50cm	Straight
FR/FH-2224W	Lumen			10F×15cm		Curved
FR/FH-2225	Double	12Fr	16	12F×15cm	0.038"×50cm	Straight
FR/FH-2225W	Lumen			10F×15cm		Curved
FR/FH-2226	Double	12Fr	20	12F×15cm	0.038"×60cm	Straight
FR/FH-2226W	Lumen			10F×15cm		Curved
FR/FH-2524	Double	14Fr	13	14F×15cm	0.038"×50cm	Straight
FR/FH-2524W	Lumen			12F×15cm		Curved
FR/FH-2525	Double	14Fr	16	14F×15cm	0.038"×60cm	Straight
FR/FH-2525W	Lumen			12F×15cm		Curved
FR/FH-2526	Double	14Fr	20	14F×15cm	0.038"×70cm	Straight
FR/FH-2526W	Lumen			12F×15cm		Curved
FR/FH-3224	Triple	12Fr	13	12F×15cm	0.038"×50cm	Straight
FR/FH-3224W	Lumen			10F×15cm		Curved
FR/FH-3225	Triple	12Fr	16	12F×15cm	0.038"×50cm	Straight
FR/FH-3225W	Lumen			10F×15cm		Curved
FR/FH-3226	Triple	12Fr	20	12F×15cm	0.038"×60cm	Straight
FR/FH-3226W	Lumen			10F×15cm		Curved

### Remarks:

1. The product codes in this chart are for HC kits with straight introducer needle configuration.
2. HC kits with Y-shaped introducer needle configuration are also available upon discussion. The product code of HC kit with Y-shaped introducer needle configuration is different from the product code of HC kit with straight introducer needle configuration. Before you order, please clarify which configuration you request, either straight or Y-shaped introducer needle.
3. Pediatric types of HC include double lumen 6.5Fr and 8.5Fr.
4. Adult types of HC include single lumen 7Fr, 8Fr ; double lumen 10Fr, 11.5Fr, 12Fr, 14Fr and triple lumen 12Fr.
5. "FR" in the product code means with soft tip.
6. "FH" in the product code means without soft tip (i. e. with relatively harder tip).
7. Pre-curved catheter is available for adult type in double lumen 11.5Fr, 12Fr, 14Fr.

## Long Term Hemodialysis Catheter



### Characteristics:

1. The Catheter is made from premium silicone, which has excellent biocompatibility.
2. The dacron cuff can protect immigration of catheter and reduce the chance of CRBI (Catheter Related Bloodstream Infections ).
3. The silicone material makes catheter more floppy,hence it can minimize the trauma to the vein and reduce the incident of clot.

### Standard Kits include:

1. Silicone Catheter
2. Vessel Dilator
3. Valved Peelable Introducer
4. Introducer Needle
5. Guide-wire
6. Tunneler (Tocar)
7. Adhesive Wound Dressings
8. Herparin Caps
9. Gauze Sponges
10. Scalpel
11. Syringe
12. Needle with Suture

## Order Information

Number of Lumen	Catheter Diameter	Effective Length of Catheter
Double Lumen	15Fr	13/19/23/28/31/33/35/50cm

Other specifications are negotiable.



## Blood Line



### Application

Establish an extracorporeal circulation channel for blood dialysis therapy.

### Features and benefits

All tubes are made from medical grade, and all components are manufactured in original.

1. Pump Tube: With high elasticity and medical grade PVC, the shape of tube remains the same after continuous pressing of 10 hours.
2. Drip Chamber: several sizes of drip chamber available.
3. Dialysis Connector: Extra large designed dialyzer connector is easy to operate.
4. Clamp: clamp is made of hard plastic and designed larger and thicker to guarantee sufficient stop.
5. Infusion Set: It is convenient to install and uninstall, which ensure precision infusion and safe priming.
6. Drainage Bag: closed priming to meet the requirements of quality control, single way drainage bag and double way drainage bag available.
7. Customized Designed: Different sizes of pump tube and drip Chamber to meet the requirements of customers.

## Specifications

CODE	PUMP SEGMENT (IDxODxLength)mm	Chamber OD mm	DESCRIPTIONS
FB-A101V01	6.4x9.75x420	22	B.Braun(HD-SECURA)
FB-A001V05-B1	7.9x12.1x420	22	Gambro (except AK95), Fresenius (Venous Chamber 22mm) Nikkiso, Baxter, Nipro, Toray, JMS. B. Braun. Bellco.
FB-A001V02-B2	7.9x12.1x420	30	Fresenius (Venous Chamber 22mm)
FB-A001V05-B3	7.9x12.1x420	20	Gambro AK95, Baxter, Nikkiso, Nipro, Toray, JMS, B. Braun, Bellco.

## A.V.Fistula Needle



### Features

1. Fine polishing process on blade to puncture easily and smoothly.
2. Siliconised needle reduces pain and blood coagulation.
3. Back eye and ultra thin-walled ensures a high blood flow rate.
4. Rotatable wing and fixed wing are available.

CODE (Single pack)	CODE (Twin pack)	Diameter	Wing	Needle length(mm)	Tube length(mm)
FN-1512S	FN-1512D	15G	Fixed	25mm ± 2.0mm	300mm ± 2.0mm
FN-1612S	FN-1612D	16G	Fixed	25mm ± 2.0mm	300mm ± 2.0mm
FN-1712S	FN-1712D	17G	Fixed	25mm ± 2.0mm	300mm ± 2.0mm
FN-1522S	FN-1522D	15G	Fixed	32mm ± 2.0mm	300mm ± 2.0mm
FN-1622S	FN-1622D	16G	Fixed	32mm ± 2.0mm	300mm ± 2.0mm
FN-1722S	FN-1722D	17G	Rotatable	32mm ± 2.0mm	300mm ± 2.0mm
FN-1512ZS	FN-1512ZD	15G	Rotatable	25mm ± 2.0mm	300mm ± 2.0mm
FN-1612ZS	FN-1612ZD	16G	Rotatable	25mm ± 2.0mm	300mm ± 2.0mm
FN-1712ZS	FN-1712ZD	17G	Rotatable	25mm ± 2.0mm	300mm ± 2.0mm
FN-1522ZS	FN-1522ZD	15G	Rotatable	32mm ± 2.0mm	300mm ± 2.0mm
FN-1622ZS	FN-1622ZD	16G	Rotatable	32mm ± 2.0mm	300mm ± 2.0mm
FN-1722ZS	FN-1722ZD	17G	Rotatable	32mm ± 2.0mm	300mm ± 2.0mm

## Safety Fistula Needle



### Features and benefits

1. The needle will be isolated completely from outside, which can protect medical workers and medical waste cleaners from getting injured and avoid blood-transmitted diseases.
2. Simple structure, easy operation, good market acceptance, can replace sharps containers.

### Operation

Anesthesia, ICU, emergency



- After treatment, pull out the needle, open the buckle and remove the needle to completely wrap the needle in the needle bed.



- Closed buckle, the needle is fixed to the needle bed.

## Low Flux Hemodialyser



### Features

1. High capability of toxic clearance.
2. Excellent biocompatibility.
3. Higher performance of small and medium size removal.
4. Lower loss of Albumin.

### In Vitro performance data / technical data

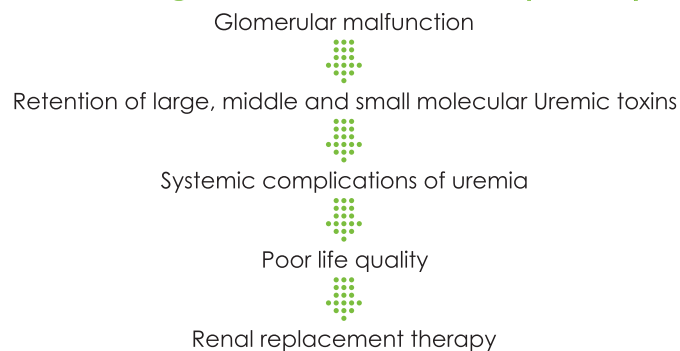
	A40	A60	A80	A200
Ultrafiltration Coeff.(mL/h x mmHg)	22	25	28	30
Clearance $Q_B = 200\text{mL/min}$				
Urea	190	192	194	196
Creatinine	181	184	187	190
Phosphate	175	180	185	189
Vitamin B12	110	118	126	133
Clearance $Q_B = 300\text{mL/min}$				
Urea	252	260	267	275
Creatinine	233	245	257	270
Phosphate	214	225	235	245
Vitamin B12	120	136	150	165
Clearance $Q_B = 400\text{mL/min}$				
Urea	279	290	300	312
Creatinine	261	275	288	300
Phosphate	244	257	270	283
Vitamin B12	125	142	158	173

**Remarks:** In Vitro performance:  $Q_b = 500\text{mL/min}$ ,  $Q_f = 10\text{mL/min}$ ,  $T = 37^\circ\text{C}$  (EN1283, ISO8637)  
 Ultrafiltration coefficients: Bovine plasma,  $TP = 60\text{g/L} \pm 5\text{g/L}$ ,  $TMP = 10\text{mm Hg}$ ,

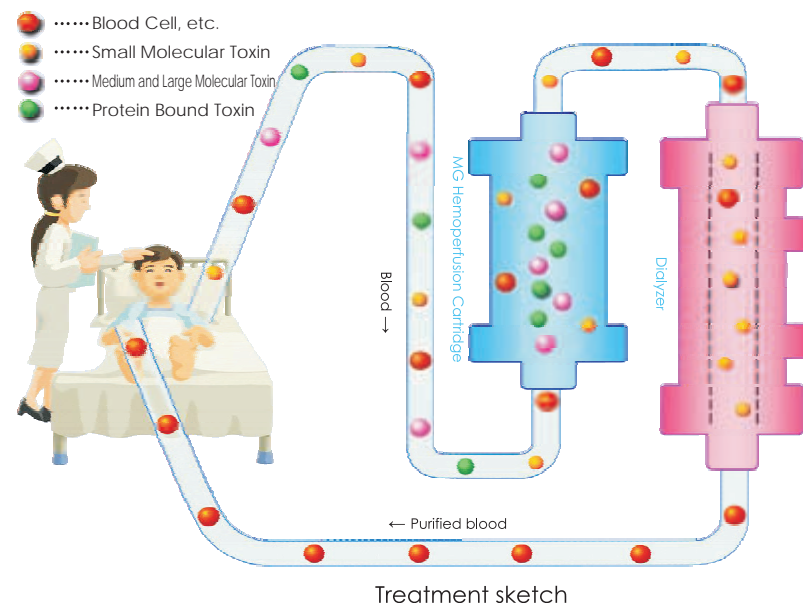
Effective Surface( $\text{m}^2$ )	1.4	1.6	1.8	2.0
Blood flow range(ml/min)	200—400	200—400	200—400	200-400
Wall thickness/lumen( $\mu\text{m}$ )	40/200	40/200	40/200	40/200
Priming volume(mL)	78	86	99	108
Membrane material	Polyethersulfone or polysulfone			
Maximum TMP(mm Hg)	500	500	500	500
Housing material	polycarbonate			
Potting compound	Polyurethane			
Cover material	polycarbonate			
O-ring	Silicone Rubber			
Caps	Polypropylene			
Sterilisation method	Gamma			
Form of treatment	HD			
Units per box	24			
Product code	A-40	A-60	A-80	A-200

# Hemoperfusion Cartridge

## End Stage Renal Disease (ESRD)

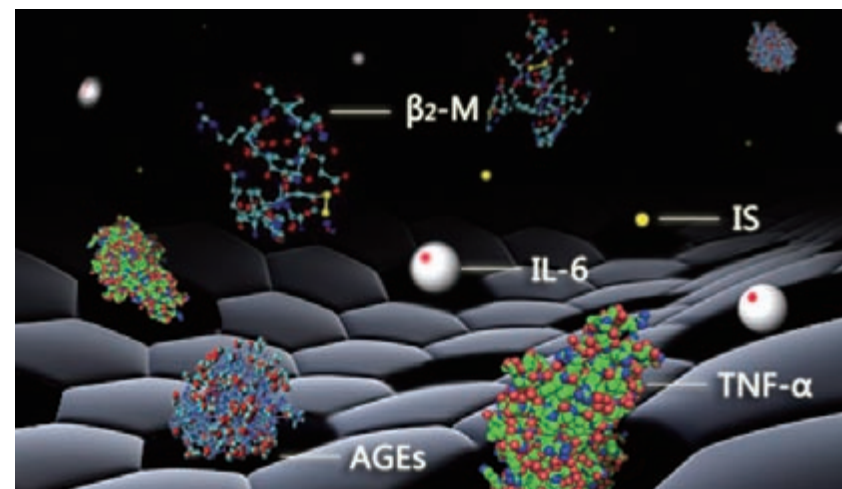


The combined hemodialysis/ hemoperfusion procedure (HD+HP) makes advantage of each other for blood purification, in this way, metabolic products and uremic toxins produced by renal failure patient could be thoroughly removed and the water, as well as electrolyte could be regulated to balance. Eventually, internal environment remains balance and patient's life quality is improved.



## Some Toxins of Uremia and Relevant Complications

Medium and Large Molecular Toxins		Protein Bound Toxins	
β2 Micoglobulin	Amyloidosis and Carpal Tunnel Syndrome	Advanced Glycation End Products	Amyloidosis and Atherosclerosis
Renin, Angiotensin	Intractable Hypertension	Indoxyl Sulfate	Glomerulosclerosis
Parathyroid Hormone	Renal Osteopathy, Ectopic Calcification	Glomerular Sclerosis	Cardiovascular Complications
Oxidation Protein Products	Atherosclerosis	Leptin	Malnutrition
Interleukin 1,6	Micro Inflammatory	Cresol, Paracresol	Hepatotoxicity
TNF-α Tumor Necrosis Factor TNF-α		Hippuric Acid	Insulin Resistance, Abnormal Glucose Tolerance

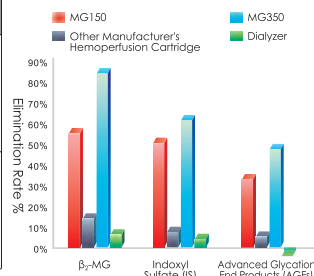


Adsorption Sketch of MG Series Hemoperfusion Cartridge

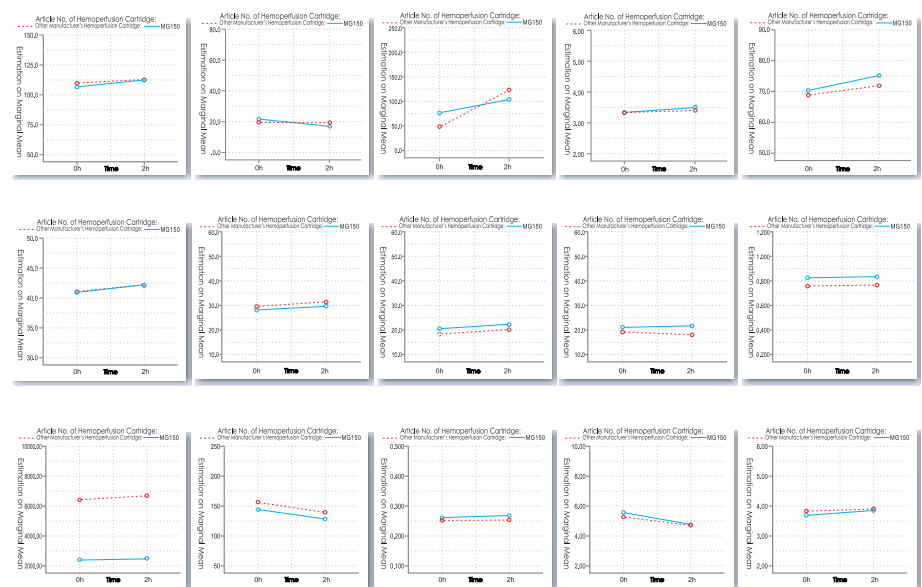


# Hemoperfusion Cartridge Effectiveness Evaluation

Manufacturer	Elimination Rate of $\beta_2$ -MG	Reduction Rate of IS	Reduction Rate of AGEs
Biosun's MG 150 Hemoperfusion Cartridge + Dialyzer	Dialyzer F=284.299 P<0.001 95%CI=35.9~45.5%	51.7%	F=117.247 P<0.001 95%CI=90.9~131.8%
Other Manufacturer's Hemoperfusion Cartridge + Dialyzer	Dialyzer	-	F=4.807 P<0.031 95%CI=20.8~423.1%
Biosun's MG350+Dialyzer	Dialyzer F=214.00 P<0.001 95%CI=66.4~87.8%	62.3%	F=150.032 P<0.001 95%CI=48.3~67.5%
Dialyzer	Dialyzer	4.4%	F=36.012 P<0.001 95%CI=50.7~102.6%



## Safety Evaluation

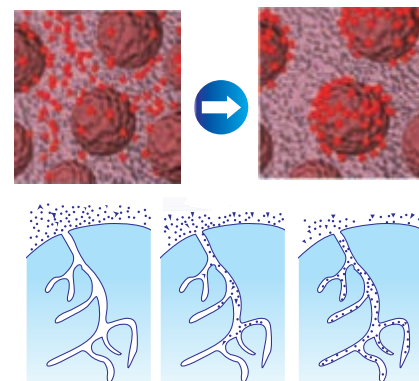


Specification	Indication
MG-150	ESRD, Acute Renal Failure
MG-250	
MG-350	
	Poisoned

## Poisoned

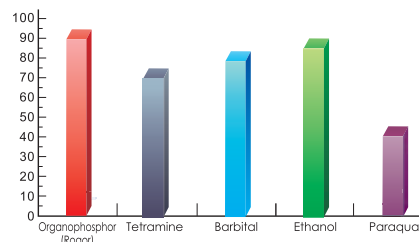
Hemoperfusion is to eliminate the endogenous and exogenous pathogenic substances so as to purify the blood by circulating the blood through the absorbed device extracorporeally. It can absorb effectively the fat-soluble medium and large molecular medicine and poison, and medicine and poison with high protein binding rate.

## Absorption Mechanism

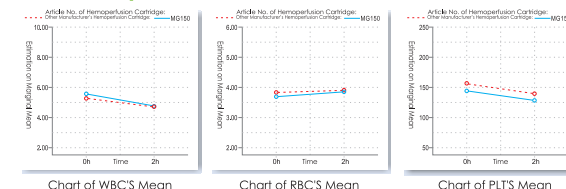


Category	Medicine or Poison
Drug Poisoning	Sedative, Hypnagogue (Barbital, Sedative and Hypnagogue other than Barbital)
	Antianxiotic (Diazepam, etc.)
	Antipsychotic Drug (Perphenazine, Chlorpromazine, etc.)
	Antineoplastic Drug (Fluorouracil)
	Antipyretic Analgesics (Paracetamol)
Pesticide Poisoning	Rogor, Paraquat, Dichlorvos
Alcohol Poisoning	Methanol, Ethanol, Isopropanol, Glycerol
Plant Poisoning	Toadstool, Aconitine, Mushroom, etc.
Living beings Poisoning	Fish Gull Bladder, Globefish, Snake Venom, Bee Venom, Scorpion Venom
Rodenticide	Tetramine, Fluoroacetamide
Heavy Metal Poisoning	Arsenic, Copper, Lead, Hydrargyrum, etc.

## Effectiveness Evaluation



## Safety Evaluation



## Best Time of Blood Purification Therapy

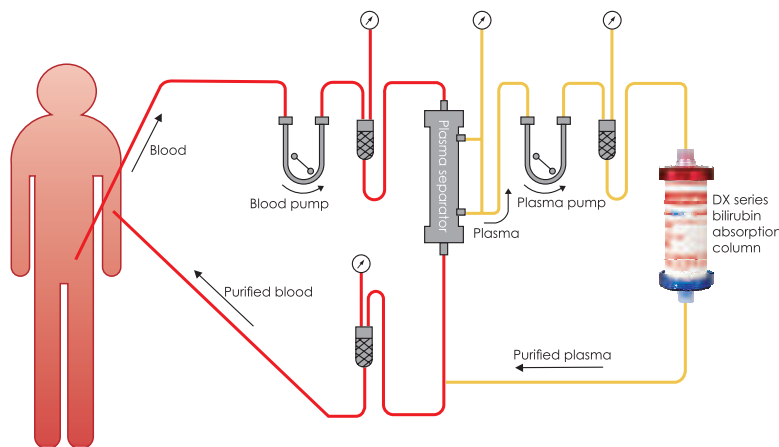
After poisoned, the time to start therapy will affect the treatment result, The principle is that once blood purification is needed, start treatment sooner the better. When acute renal failure resulting from poisoning, or acute drug poisoning on original renal failure occur, hemoperfusion and hemodialysis can be applied together. This can not only eliminate the water and uremia toxins, correct the disorder of electrolyte, acid and alkali, but also eliminate special poisons.

# Highly Specific Bilirubin Adsorption Column

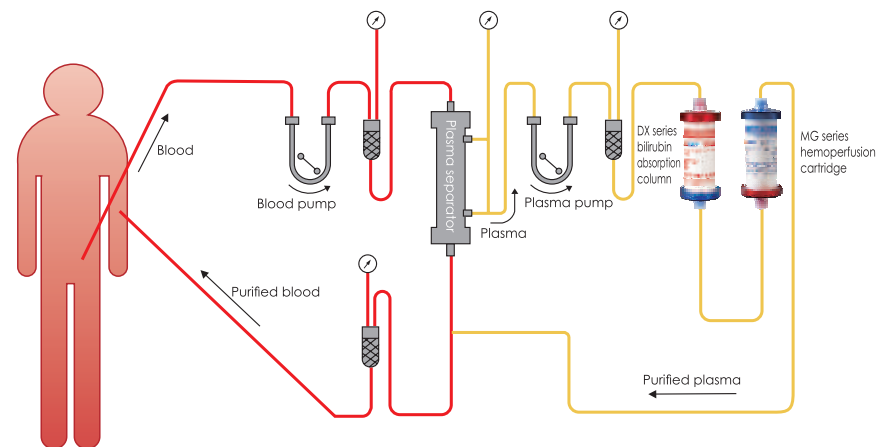
## Treatment Sketch



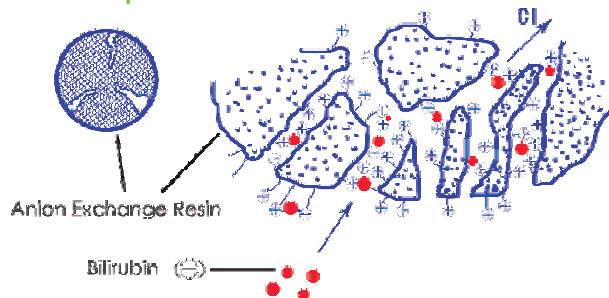
**Plasma Bilirubin Absorption:** After separated, the plasma is purified by passing through DX Series bilirubin adsorption column and subsequently return back to human body.



**Double Plasma Molecule Adsorption System (DPMAS):** After separated, the plasma successively passes through DX Series bilirubin adsorption column and MG hemoperfusion cartridge and subsequently return back to human body.



## Absorption Mechanism

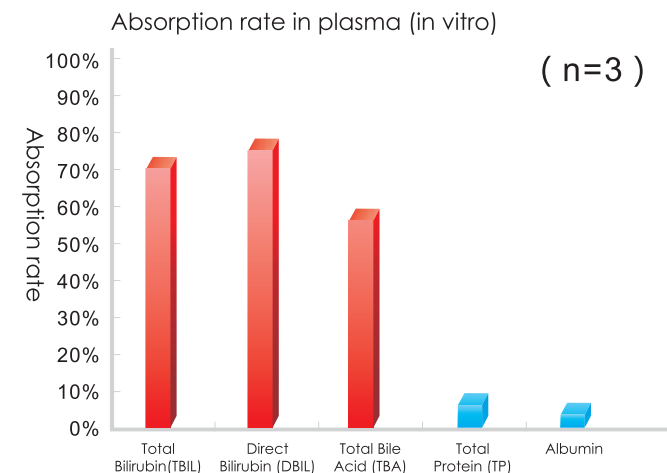


The function of bilirubin adsorption is decided by electrostatic interaction between the negative charge of the carboxyl group of bilirubin and the positive charge of quaternary ammonium salt of the anion exchange resin.

## Indication for Use

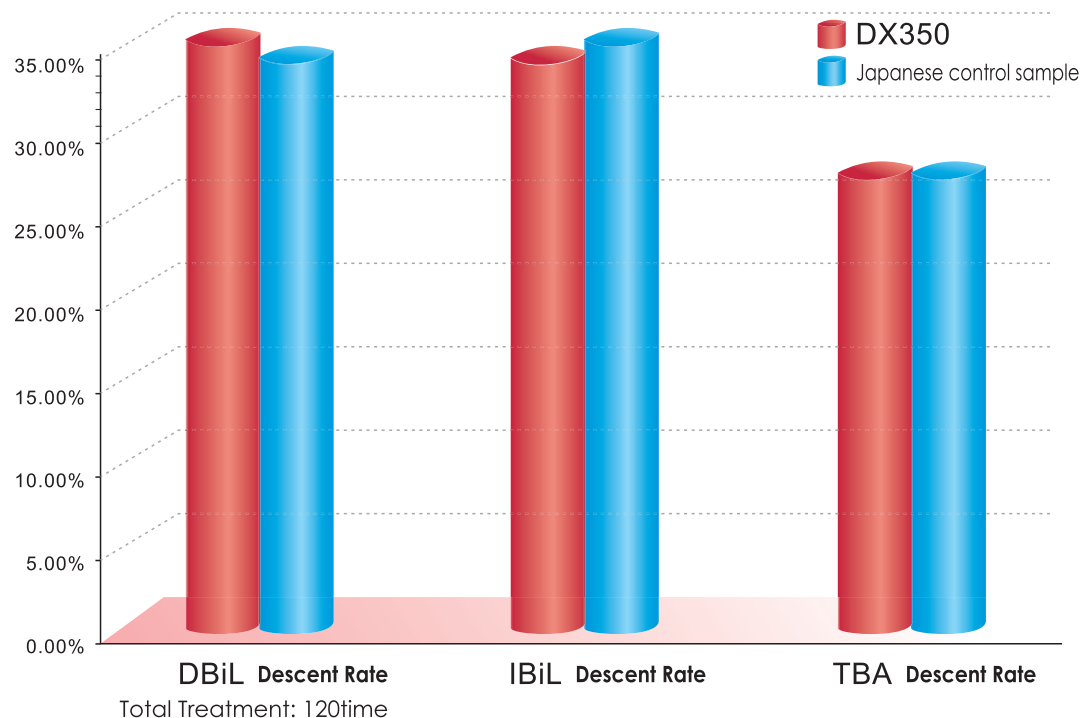
DX Series bilirubin adsorption column is designed for treatment of fulminant hepatitis, post-operative liver failure, primary biliary cirrhosis, hyperbilirubinemia and Bile acid syndrome. the adsorption of bilirubin and bile acid from plasma and is an effective and safe approach for hemopurification of the patients who have hepatopathy such as fulminant hepatitis, post-surgery hepatic failure, primary biliary cirrhosis and hyperbilirubinemia.

## Vitro Test Result



**Vitro Test Condition:**  
 Absorption column: one pass (1/350) Sample: plasma 2.4L (Equivalent volume) Flow rate: 20mL/min (Equivalent rate)

## Highly Specific Bilirubin Absorption Column Clinical Study of Plasma Bilirubin Absorption

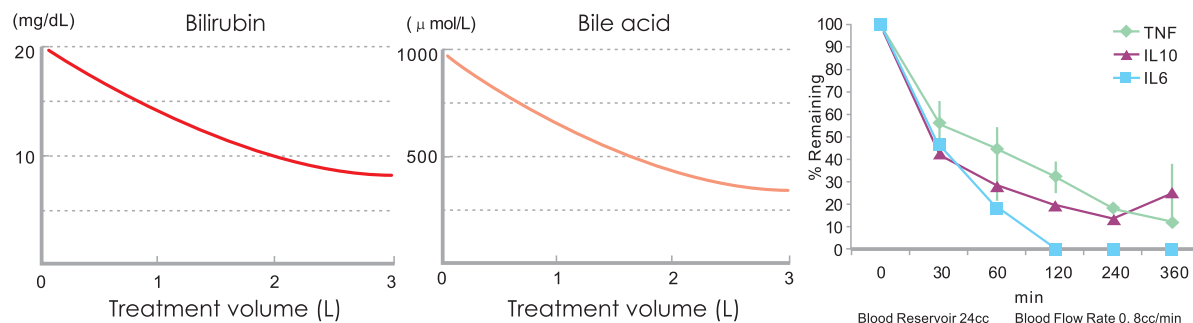


Result of clinical studies in Shanghai Changzheng Hospital, Foshan Affiliated Hospital of Sun Yat-sen University and Guangzhou Eighth People's Hospital: There was a significant decline for every indicator after absorption treatment.

Conclusion: DX350 is not inferior to Japanese control sample, it has good capability of clearing bilirubin and bile acid, the patients liver function is improved after treatment and the clinical symptom is relieved at different level, it's effective after integrated clinical evaluation. Simultaneously, it has excellent biocompatibility.

## Double Plasma Molecular Absorption System (DPMAS) Clinical Study

The change of bilirubin concentration before and after Plasma absorption



Result of Clinical Study: Bilirubin level declined significantly after DPMAS treatment, there was also statistical significance in terms of inflammatory mediators clearance.

The combined treatment of bilirubin absorption column and MG Series Hemoperfusion cartridge, Double Plasma Molecular Absorption enable to specifically clear bilirubin, meanwhile is capable of eliminating inflammatory mediators, relieving the inflammatory symptom, immunoreaction, and improving prognosis.

# Infusion Products

## Needle Free Connector



1. Swab the top of the ABLE® Needle Free Connector with an alcohol pad for at least three seconds or per your facility's protocol.



2. Insert the syringe or connect I.V. tubing directly to the ABLE® Needle Free Connector and turn clockwise.



3. Turn the syringe or I.V. set counterclockwise to remove. Replace the ABLE® Needle Free Connector according to your facility's protocol.

### Features:

1. Transparent housing material: Polycarbonate or Copolyester.
2. Metal-free & MRI-compatible.
3. Latex-free.
4. ISO 10993 compliant.
5. Multiple insertion at least 100 times/day.
6. Priming Volume: 0.09ml.
7. Perfect flowing rate: 350 ml/min under one meter water pressure, tested by Baihe Technical Team.
8. Produced under by GMP: Baihe Medical is an ISO9001, ISO13485 registered manufacturing facility.



# Infusion Products

## Y-port Valves



Material: Polycarbonate or Copolyester

## Q-site



## Tube End Valves



Material: Polycarbonate or Copolyester  
Size: ID 2.0mm, 2.5mm, 2.7mm, 2.8mm, 3.7mm, 4.1mm

# Positive Pressure Needle Free Connector

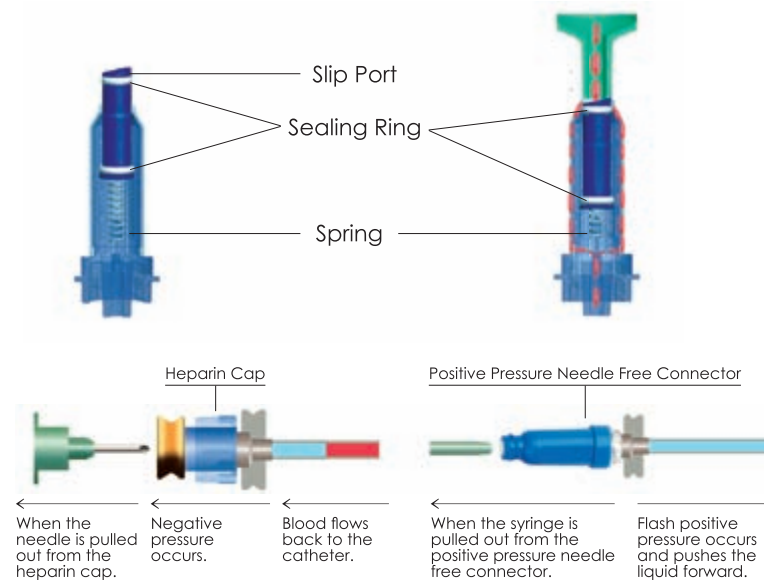


## Features:

1. Patent design of positive pressure avoids back flow of blood during removal of syringe. This will help to prevent blood clot at the catheter tip inside the blood vessel.
2. The housing is impregnated with PC Ag+ which helps to lower infection.
3. Protruding design of the stalk at the injection port follows infection control protocol.
4. High quality spring ensures multiple insertion at the injection site without leaking.
5. Two sealing rings at the upper and lower end of the stalk keeps the connector out air, fluid and outside substance.
6. The straight flow of fluid path creates less turbulence and complies with proper transfusion protocol.
7. The holding capacity of remaining fluid is less than 0.06ml.

## Before use

## In use



Product code	Specification
FL-NF01-005	Positive Pressure Needle Free Connector

## Neutral Needle Free Connector



Needle free technology Plus Neutral fluid displacement designed helps reduce reflux-related occlusions, low measured displacement and blood reflux.

### Features

1. Self-opening split septum results in full connectivity.
2. Flat and smooth surface promotes easy and complete swabbing.
3. Straight fluid path ensures large volume (Flow rate 160ml/min).
4. Clear housing provides good observation.

### Design and Operation Principle:

Connected with syringe, valve and leading mandril was pressed and the path opened, liquid pass the groove through the leading mandril, disconnected the syringe, the leading mandril springback and seal the valve path, the liquid stuck no flowing back.



TECHNICAL DATA	
Residual Volume	0.08ml
Flow Rate at Gravity	160ml/minute
Back Flow	0.003ml
Size	Width:1.2cm; Length:2.6cm
PSI	100
Sterilization	EO
Latex Free	Yes
DEHP Free	Yes

COMPATIBILITY	
Alcohol	Yes
Lipids	Yes
Chlorhexidine	Yes
Chemotherapy	Yes
Blood	Yes
MRI	Yes

## Extension Tubes with Injection Site Adapters



## Infusion Set with Needleless Adapters

This device is designed to meet the needs of general I.V. Therapy, Anaesthesia Cardiovascular, ICU&CCU, Recovery&Oncology.

Safe for infusion IV medication including most high risk anti-neoplastics, or aspirating blood without risk of hemolysis.

Product Code	Catheter Diameter
FL-TF01-107	One-Way Extension Tube with One Normal Needle Free Connector
FL-TF01-105	One-Way Extension Tube with One Positive Pressure Needle Free Connector
FL-TF02-207	Two-Way Extension Tube with Two Normal Needle Free Connectors
FL-TF02-205	Two-Way Extension Tube with Two Positive Pressure Needle Free Connectors
FL-TF03-307	Three-Way Extension Tube with Three Normal Needle Free Connectors
FL-TF03-305	Three-Way Extension Tube with Three Positive Pressure Needle Free Connectors
FL-TF04-407	Four-Way Extension Tube with Four Normal Needle Free Connectors
FL-TF04-405	Four-Way Extension Tube with Four Positive Pressure Needle Free Connectors





# I.V.Cannula



Y-Shape



Normal



Positive



Safe & positive



Anti-kink



Auto-positive



Minimum specification 26Ga

## Application:

For all types of patients with peripheral venous infusion and blood samples collected. Especially for the following groups: Newborns, infants, young children, puberty men, pregnant women, lactating women, chemotherapy patients, patients with lipid or alcohol therapy.

## Departments

Applicable to general departments, the product does not contain DEHP especially for pediatrics.

## Features

1. New generation of bio-materials polyurethane does not contain DEHP which has been approved by the China Food and Drug Administration;
2. Radiopacity;
3. Imported stainless steel needle with small puncture force to reduce the pain of patients;
4. Complete specifications with 26G / 24G / 22G / 20G / 18G;
5. Automatic positive pressure, fluid can be filled instantaneously as it separates from syringe and infusion device, positive pressure sealing effect occurred.

Dark green 18G	Pink 20G	Navy blue 22G
Yellow 24G	Purple 26G	

## Three Way Stopcock



### Advantages:

1. Clarity appearance for easy to observe exhaust and increase security of infuse.
2. Easiness for use and rotatable arrow indicate the flow direction.
3. Not produce vortex and reduce thrombus.
4. Excellent pressure resistance and solution compatibility.
5. CE certified.

### Packing Information:

1. 2000 PCS/ Carton
2. Carton size: 46x54x72CM

Specification	Product Code
FS-3002	Blue color Three-way Stopcock
FS-3001	Red color Three-way Stopcock

## Extension Tubes



Extension Tube with Stopcock



Screw Extension Tube



Mini-Quantity Infusion Extension Tube (OD:2.0mm)



T-Extension Tube

# Nasogastric Feeding Tube



## Composition:

Disposable nasogastric feeding tube is composed of a long tube and guide wire, the long tube comprises the connecting part and tubing with lateral eyes and the guide wire comprises connector and guide wire.

## Intended use:

Apply to carry and deliver nutrition and medicine to the stomach.



1. PU-made  
Excellent Biocompatibility  
Acid-resistance

2. Radio-opaque

3. Lateral eye for large flow

4. Prevent food regurgitation

5. Guide wire for easy insertion

## Silicone Foley Catheter



### Features:

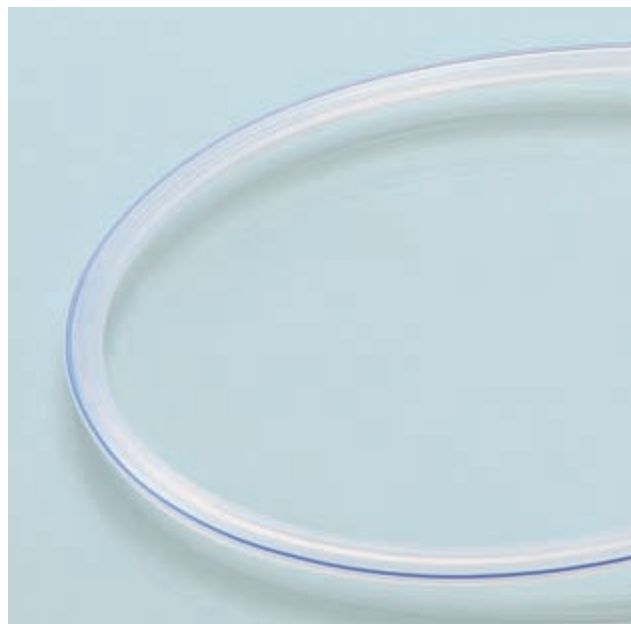
1. It is made from medical grade and imported silicone material.
2. The silicone foley catheter has a larger inner lumen for better drainage than the same size one made from latex or PVC.
3. No urate crystal and irritation occurs during intubation, thus catheter-associated urethral infection can be avoided.
4. Silicone foley catheter is widely accepted because of better biocompatibility and indwelling period can be 30 days, which can reduce trauma to urethra caused by repeated intubation.



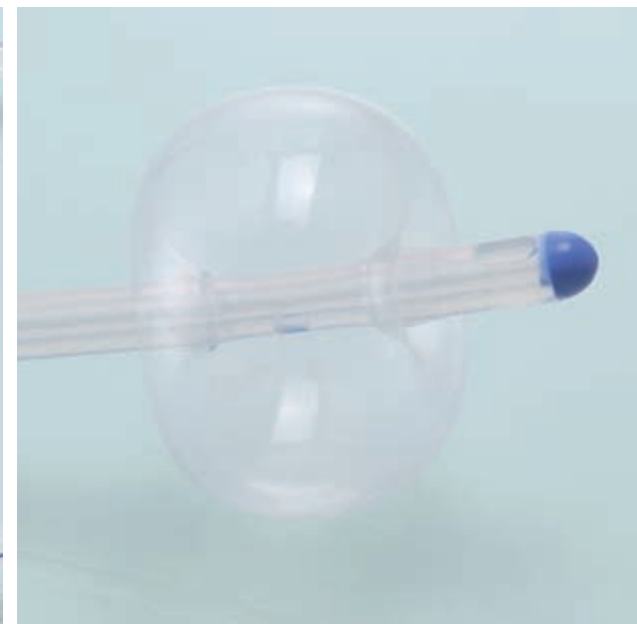
## Features:



Atraumatic, soft and round tip with two lateral eyes for enhancing patient comfort.



Radio opaque line throughout the length for X-ray visualization.



It can avoid leakage of urine and tube dislodging.

Product Code	Description	Size(Fr)	Length(cm)	Balloon capacity(cc)	Color code
FX-010631	1 way	6	31	/	/
FX-010831	1 way	8	31	/	/
FX-011041	1 way	10	41	/	/
FX-011241	1 way	12	41	/	/
FX-011441	1 way	14	41	/	/
FX-011641	1 way	16	41	/	/
FX-011841	1 way	18	41	/	/
FX-020631	2 way	6	31	1.5-3mL	Green
FX-020831	2 way	8	31	3-5mL	Blue
FX-021031	2 way	10	31	3-5mL	Black
FX-021240	2 way	12	40	5-15mL	White
FX-021440	2 way	14	40	5-15mL	Green

Product Code	Description	Size(Fr)	Length(cm)	Balloon capacity(cc)	Color code
FX-021640	2 way	16	40	5-30mL	Orange
FX-021840	2 way	18	40	5-30mL	Red
FX-022040	2 way	20	40	5-30mL	Yellow
FX-022240	2 way	22	40	5-30mL	Violet
FX-022440	2 way	24	40	5-30mL	Blue
FX-022640	2 way	26	40	5-30mL	Pink
FX-031640	3 way	16	40	5-30mL	Orange
FX-031840	3 way	18	40	5-30mL	Red
FX-032040	3 way	20	40	5-30mL	Yellow
FX-032240	3 way	22	40	5-30mL	Violet
FX-032440	3 way	24	40	5-30mL	Blue
FX-032640	3 way	26	40	5-30mL	Pink

# Wound Care Products



## Alginate Wound Dressing

Alginate Wound Dressing is an advanced wound dressing manufactured from sodium alginate extracted from natural seaweeds. When in contact with a wound, calcium in the dressing is exchanged with sodium from wound fluid turning the dressing into a gel. This maintains a moist wound healing environment which is good for the recovery of exuding wounds and helps with the debridement of sloughing wounds. The gel forming property of an alginate dressing protects against bacterial invasion, a property which makes alginate an ideal wound dressing for faster tissue regeneration and healing in exuding wounds. The release of calcium ions can also accelerate the blood coagulation process thereby further aiding healing leading to shorter treatment times.

### Product Characteristics

**High Absorbency:** absorbs large amounts of wound exudate then forms a gel to protect the wounds and encourage dressing, on average, up to 50ml of exudate can be produced by a wound over 24 hours period. An alginate wound dressing has the capacity to absorb up to 10-20 times of its weight avoiding contamination and maceration of healthy surrounding skin.

**Wet Strength:** most alginate wound dressing can be easily removed in one piece without leaving any foreign substance or causing pain or secondary injury.

**Low infection Rates:** Moisture and acidic environment are conducive to neutrophils' activities, further enhancing the potential for reducing the viability of bacteria in the wound area.

**Gel-forming Property:** After absorption of exudates, the exchange of calcium in the dressing and sodium from wound fluid forms a stable gel that can maintain a moist wound healing environment promoting the re-generation and new growth of skin, speeding up wound healing.

**Haemostasis Function:** the release of calcium ions can trigger the formation of prothrombin activator which serves as an important ingredient in accelerating the haemostasis process.

**Pain Reducing:** owing to the protection of gels, peripheral nerves within the wound bed are less likely to be stimulated by external processes so there is potential for pain reduction.

**Cost Reducing:** The change frequency of advanced wound dressings can be significantly therefore cost savings can be achieved in the long run even though the unit cost of an advanced wound dressing is higher than traditional materials. Alginate is easy to use, has good air permeability and biocompatibility, and can be degraded and absorbed by human tissue. It is less pain and skin sensitivity compared to traditional materials.

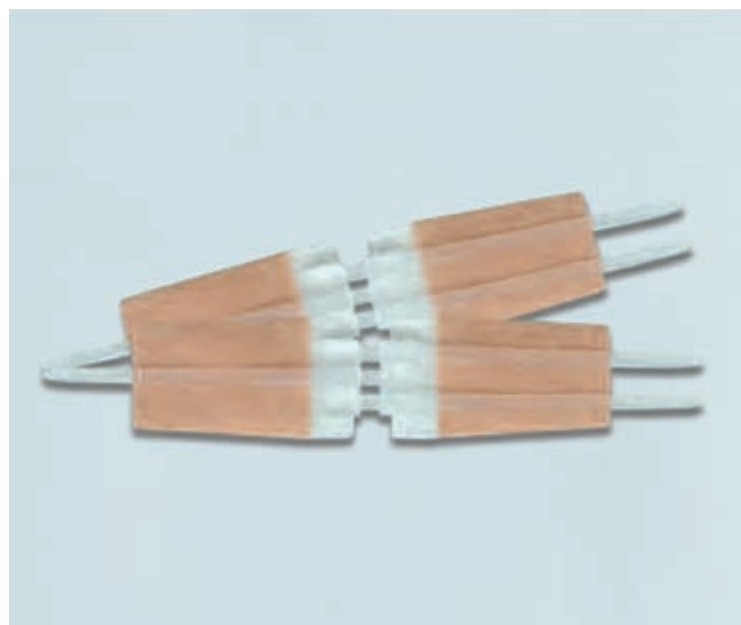
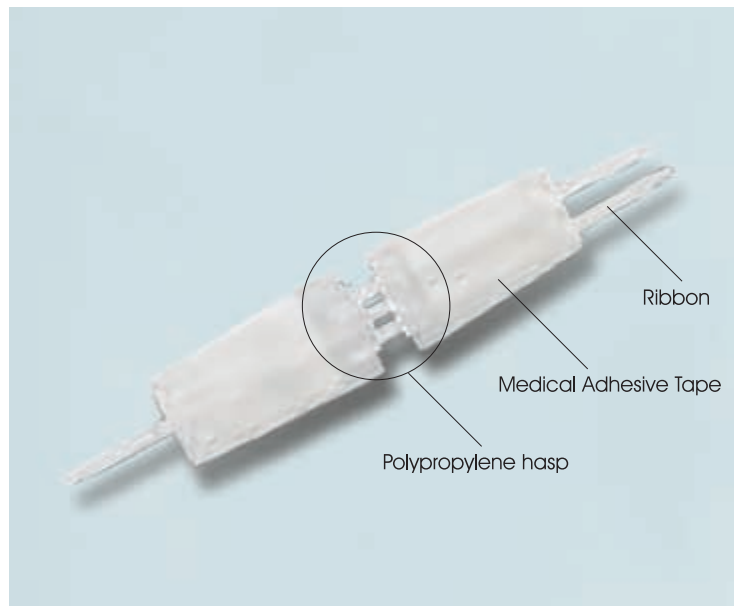
Product range

Alginate Flat: 5cm x 5cm, 10cm x 10 cm, 10cm x 20cm, 15cm x 15 cm

Alginate Ribbon or rope: 2g x 30cm, 2.5g x 30cm, 5 g x 30cm

Non-standard sizes can be provided according to requirements of customers.

# Wound Closure Device



## Product Description

Wound closure device consists of a pair of polypropylene hasps with two adhesive panels. The adhesive panels are porous nonwovens coated with a pressure-sensitive hypoallergenic adhesive.

It is a novel device for the quick and easy closure of most acute wounds, for example lacerated and surgical wounds.

The device is designed to allow for a non-invasive closure of a wound and to encourage a tight closure of the wound for an early and successful healing. The non-invasive technique reduces tissue trauma and improves patient comfort, and possibly causes less scarring after healing.

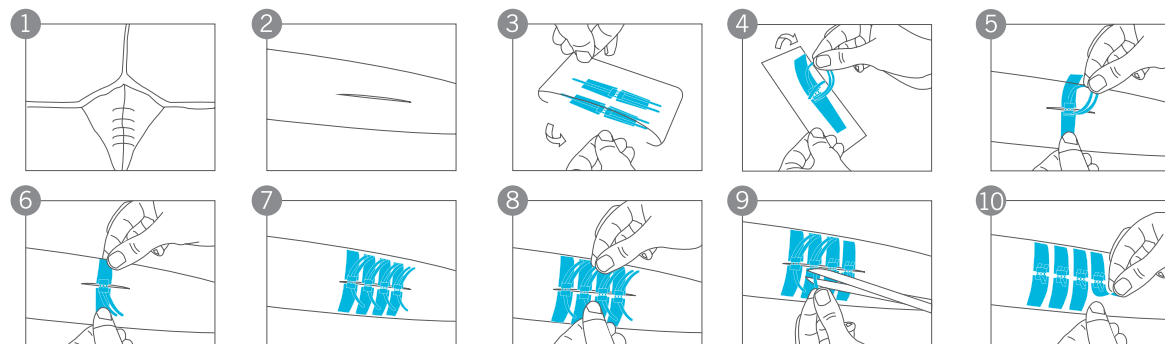
## Features

Wound closure device is indicated for the closure of acute wounds such as lacerations and surgical incisions. It may also be used in conjunction with subcutaneous suture operations.

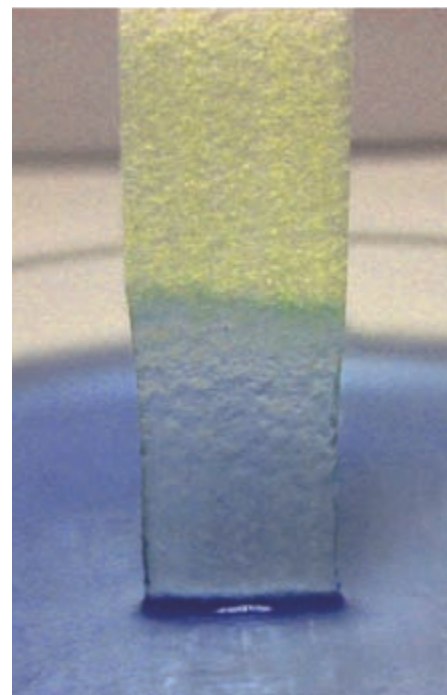
- Patented technology
- Non-invasive closure, no sutures, less scar
- Quick to apply
- Easy to use

## Application:

1. For patients with deep wounds, subcutaneous suture operation can be performed according to local clinical practice. [See Figure 1.](#)
2. Clean and dry the skin around the wound, making the wound edges as neat as possible. [See Figure 2.](#)
3. Take the wound closure device out of the package, peel the hasp off the liner by lifting it from the ribbon ends. [See Figure 3 and 4.](#)
4. Position the device so that the two adhesive panels sit on the two sides of the wound. [See Figure 5.](#)
5. Press the adhesive panel with your finger gently along the direction of the ribbons so that the adhesive panel adheres firmly on the skin. [See Figure 6.](#)
6. Apply the next hasp in the same way so that the gap between the hasps is about 2mm. [See Figure 7.](#)
7. Use both hands to hold the ribbons of the hasp and to tighten the hasp gently until the hasps are locked to close the wound. [See Figure 8.](#)
8. Cut off all long ends from the ribbons. [See Figure 9.](#)
9. Apply a PU film dressing or another secondary dressing to protect the hasp and wound. [See Figure 10.](#)
10. The secondary dressing can be removed for observation. A new secondary dressing must be applied after observation.
11. When the wound is healed, remove the hasp by lifting either the side of the adhesive panel and peel from the wound gently. Care must be taken to avoid damaging of the newly healed wound.



# Chitosan



## Chitosan

Chitosan wound dressing consists of 100% chitosan fibres. Chitosan is a naturally-occurring starch (polymer) derived from the shells of crustaceans. It is a soft, highly absorbent dressing which gel when in contact with wound exudates and provide moist environment for optimum healing.

Chitosan wound dressing has the absorbency and gelling characteristics similar to carboxymethyl cellulose but with additional benefits of being haemostatic and bacteriostatic are important to wound healing process.

## Indications:

Chitosan wound dressing can be used in the management of moderate to heavily exuding chronic and acute wounds, and may be used to control minor bleeding in superficial wounds.

- Pressure ulcers
- Venous leg ulcers
- Diabetic foot ulcers
- Cavity wounds
- Donor sites and graft sites
- Surgical wounds (e.g. postoperative wounds left to heal by secondary intention)
- Skin abrasions and lacerations
- Superficial and partial-thickness burns
- Exudate absorption in oncology wounds (e.g. fungating cutaneous tumours, cutaneous metastases and Kaposi's sarcomas).

## Features and Benefits

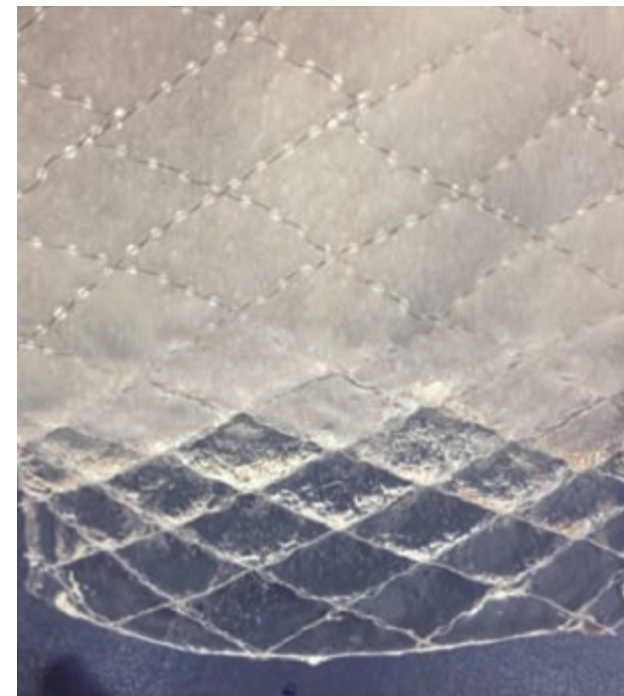
- Absorbency
- Haemostatic
- Bacteriostatic
- CE Marked

## Order Information

Specification cm	Pack Qty
5x5	10 pcs / carton
10x10	10 pcs / carton
10x12.5	10 pcs / carton
10x20	10 pcs / carton
15x15	10 pcs / carton
15x25	10 pcs / carton
2.5x30	10 pcs / carton
2.5x45	10 pcs / carton
20x30	10 pcs / carton



## Carboxymethyl Cellulose(CMC)



### CMC Wound dressing

CMC wound dressing is a soft nonwoven pad or ribbon dressing made from 100% carboxymethyl cellulose (CMC) fibers, CMC fibrous wound dressing is proven technology for absorbent wound dressing.

CMC wound dressing forms clear gel when in contact with aqueous solution. The gelling allows the dressing to lock the moisture within the dressing providing the moist environment for optimum healing.

### Re-enforced CMC dressing

Re-enforced CMC wound dressing enhances the integrity especially the wet strength of the CMC wound dressing. This allows an integral removal of the dressing and makes the dressing more suitable for the application in the management of cavity wounds.

### Features and Benefits

- Coherent gelling
- Highly absorbent
- Lock bacteria
- Maintains moisture balance in the wound bed
- Easy conformity to minimizes "dead space" where bacteria can grow
- Excellent wet strength enables removal in one piece
- CE Marked

### Indications:

- Chronic wounds: leg ulcers, pressure sores, diabetic ulcers.
- Acute wounds: donor sites, abrasions, lacerations, post-surgical wounds and first-and second-degree burns

## Order Information

Specification cm	Pack Qty
5x5	10 pcs / carton
10x10	10 pcs / carton
10x12.5	10 pcs / carton
10x20	10 pcs / carton
15x15	10 pcs / carton
15x25	10 pcs / carton
2.5x30	10 pcs / carton
2.5x45	10 pcs / carton
20x30	10 pcs / carton

## Nitinol Guide Wire



Flexible



Kink Resistance

### Features:

1. Shape memory alloy core material, excellent resilience, kink resistance.
2. Breaking force of ABLE® guidewire tip:  $\geq 40\sim 50\text{N}$ , while ISO 11070:1999 Standard:  $\geq 10\text{N}$ .
3. Include and exceed the main features of stainless steel guide wire.

Sizes: 0.018", 0.021", 0.025", 0.028", 0.032", 0.035", 0.038"

Length: 50cm - 150cm

"J" Tip end and straight soft tip end for choice.

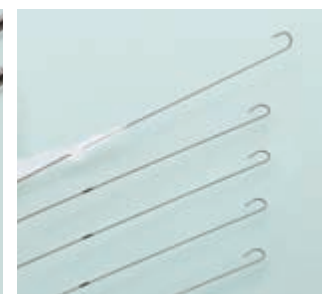
## Stainless Steel Guide Wire



Smooth Solder Joint



Calibration Details



Complete Specifications

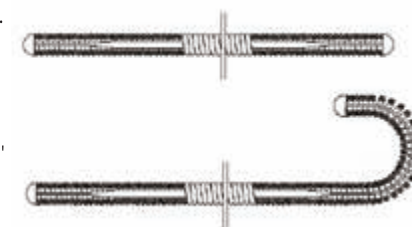
### Features:

1. Smooth hemisphere heads, reduce the vascular wall damage.
2. Appropriate taper, perfect combination of tip.
3. Excellent brace force supported by the SS304 core.
4. Clear scale indication for better observation.

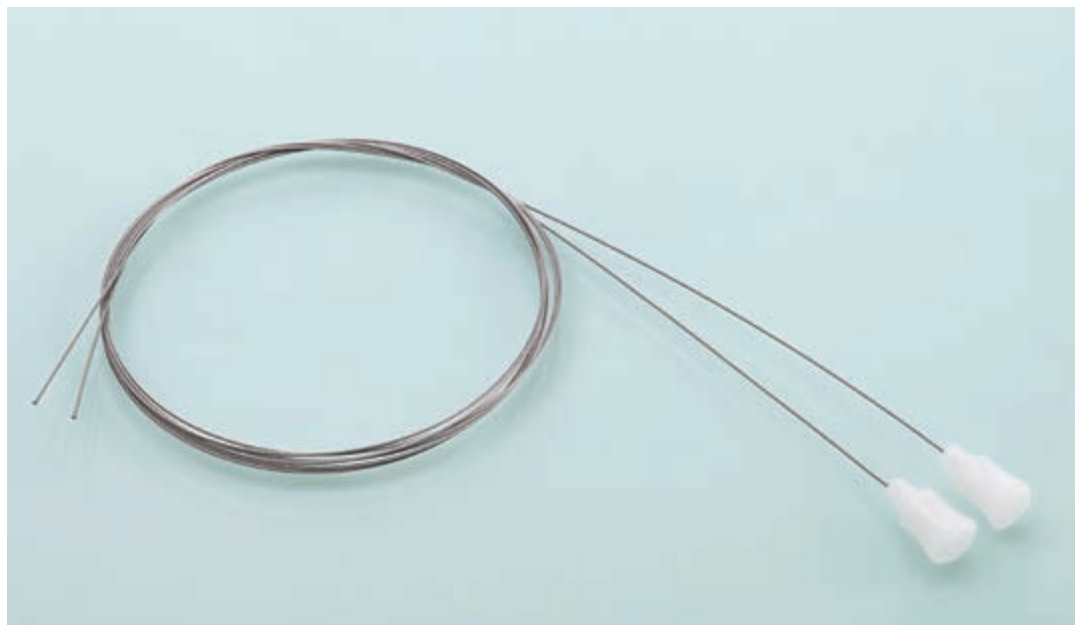
Sizes: 0.018", 0.021", 0.025", 0.028", 0.032", 0.035", 0.038"

Length: 50cm - 150cm

"J" Tip end and straight Soft tip end for choice.



## Guide Wire for Nasogastric Feeding Tube



Smooth Solder Joint



Guide Wire Connector

### Advantages:

1. Superior torque control, easier tube placement;
2. Decrease the risk of tube blocking;
3. Smooth surface, less traumatic on the mucosa and blood vessel;
4. Convenient operation and nursing.

Sizes: 0.7mm; 1.0mm    Length: 30cm-300cm

## PTFE Guide Wire

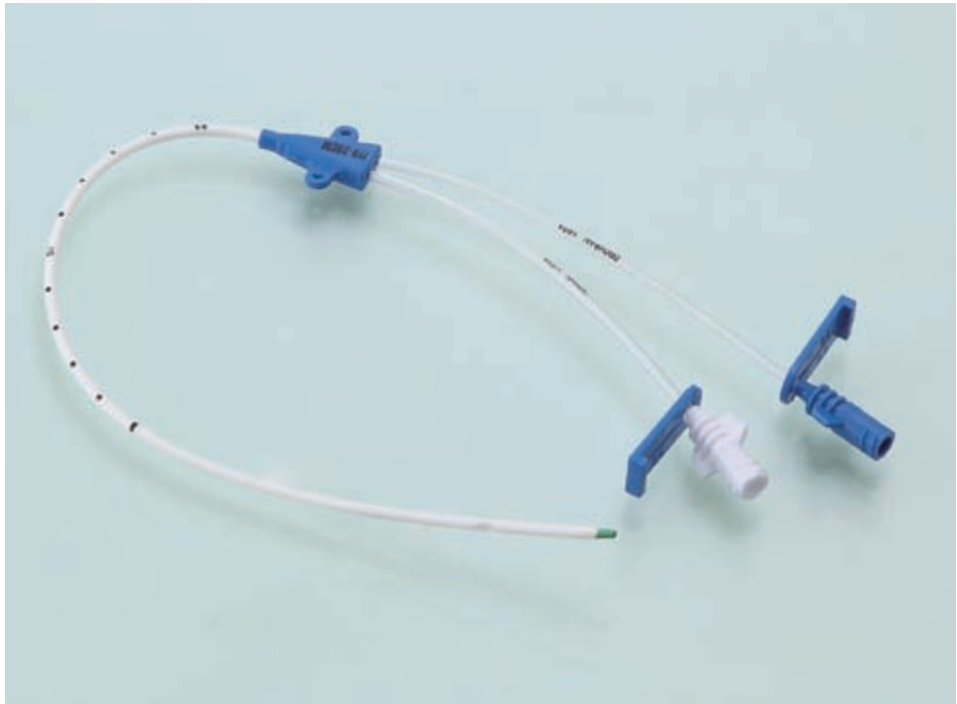


### Advantages:

1. PTFE coating;
2. Excellent device compatibility;
3. Excellent biocompatibility;
4. Have the antithrombotic capability;
5. Both floppy ends attain good pliancy;
6. Tip shape retention design, good resilience.

# Individual Catheter

Individual Catheters and Components are available for customized design.



# Heparin Cap

# Guide Wire Advancer



Introducer Needle



Dilator



Introducer Syringe



Scalpel



Fixation with Wings



Slide Clamp







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