



Medical catheter
manufacturer

Zhengzhou DIALL Medical Technology Co., Ltd.



DIALL

Company profile

COMPANY PROFILE

Zhengzhou DIALL Medical Technology Co., Ltd.

Zhengzhou DIALL Medical Technology Co,Ltd, set up in 2010, is a professional and comprehensive manufacture of high-tech, high precision polymeric medical devices. DIALL mainly developed interventional therapy drainage product series, and intravenous therapy product series. In accordance with CE, NMPA (CFDA), ISO 9001:2015 and ISO 13485:2016 standards and related regulations, DIALL invested and built a construction area 56000 m² , medical industrial park facility with over 200 million USD annual production capacity including advanced R&D Center, well-developed production lines and managing system, high level QC testing Labs.

Since the company was founded, DIALL adheres to the “Duty is All” enterprise spirit, insists on high quality product and service, and concentrate on creating excellent brand of medical products. DIALL has become a leading manufacture and supplier of medical device sets, OEM and ODM services, high precision medical components (SKD parts), high precision medical producing mould.

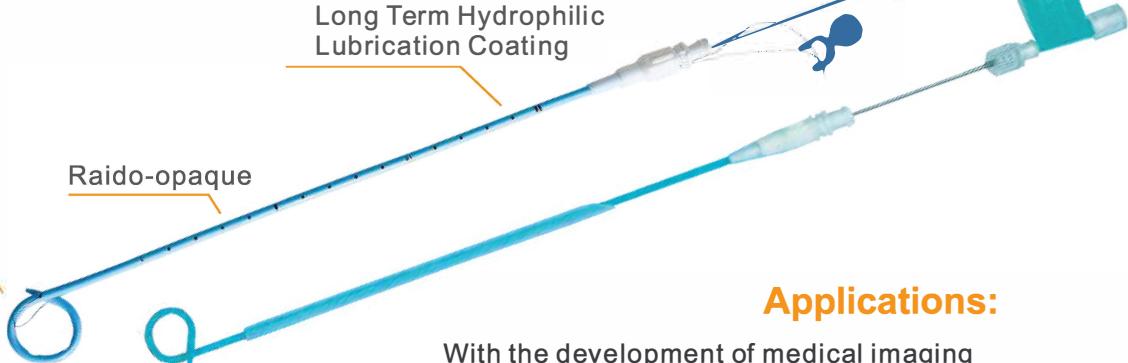
DIALL is an out-standing participant of Chinese government procurement and had spread our business out to Europe, South Asia, South East Asia, Middle East, Africa, and South America countries these years.





Pigtail Drainage Catheter (Locking and Non-locking available)

Or called PTCD Set(Percutaneous Transhepatic Cholangial Drainage),PCN set (percutaneous Nephrostomy)for short



Features:

1. Soft polyurethane for optimal kink resistance and perfect configuration memory.
2. The catheter material is radio-opaque, can be visualized by X-ray.
3. Length markings on the catheter help doctors to know how long is inserted.
4. Large oval drainage holes increase drainage capability.
5. With locking or non-locking pigtail. The safety string lock system provides strong fixation of the pigtail.
6. Hydrophilic coating for easy insertion.

Specification Sheet (Pigtail Drainage Catheter)

Size	Length
6Fr	
7Fr	
8Fr	
9Fr	
10Fr	
12Fr	
14Fr	
16Fr	
	20cm,25cm, 30cm,45cm Available

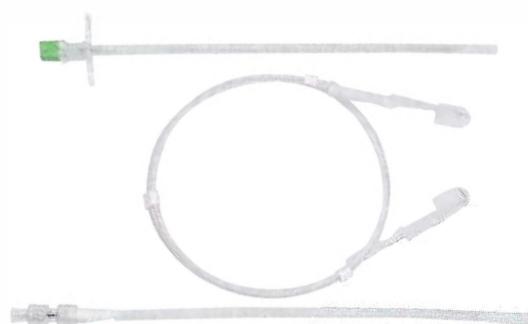
Applications:

With the development of medical imaging technology, medical devices for ultrasound-guided and X-ray-guided minimally invasive puncture interventional therapy are widely applied. DIAALL's multi-purpose pigtail drainage catheter can significantly reduce injuries, risks and cost raised by ordinary surgery.

It is widely applied in nephrostomy, abscess, and other multipurpose drainage, such as: urinomas, ascites, hematomas, seromas, bilomas, pleuracentesis, cholecystostomies, topical contrast imaging, locally medicine delivery and so on.

Relevant Clinical Departments :

Medical Ultrasound Department, Medical Imaging Department, Interventional Ultrasound Department, Interventional Department, Urology Department, Gynecology Department, Cancer Department, Emergency Department, Department of Surgery and so on.

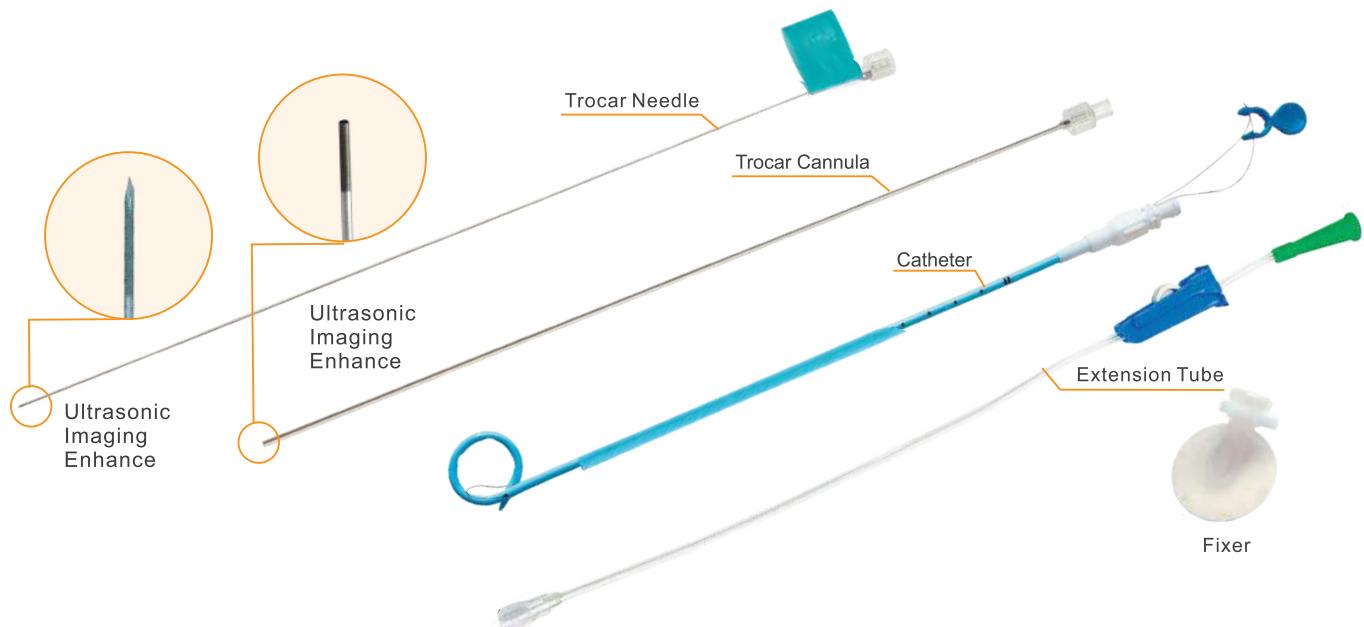
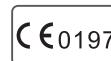




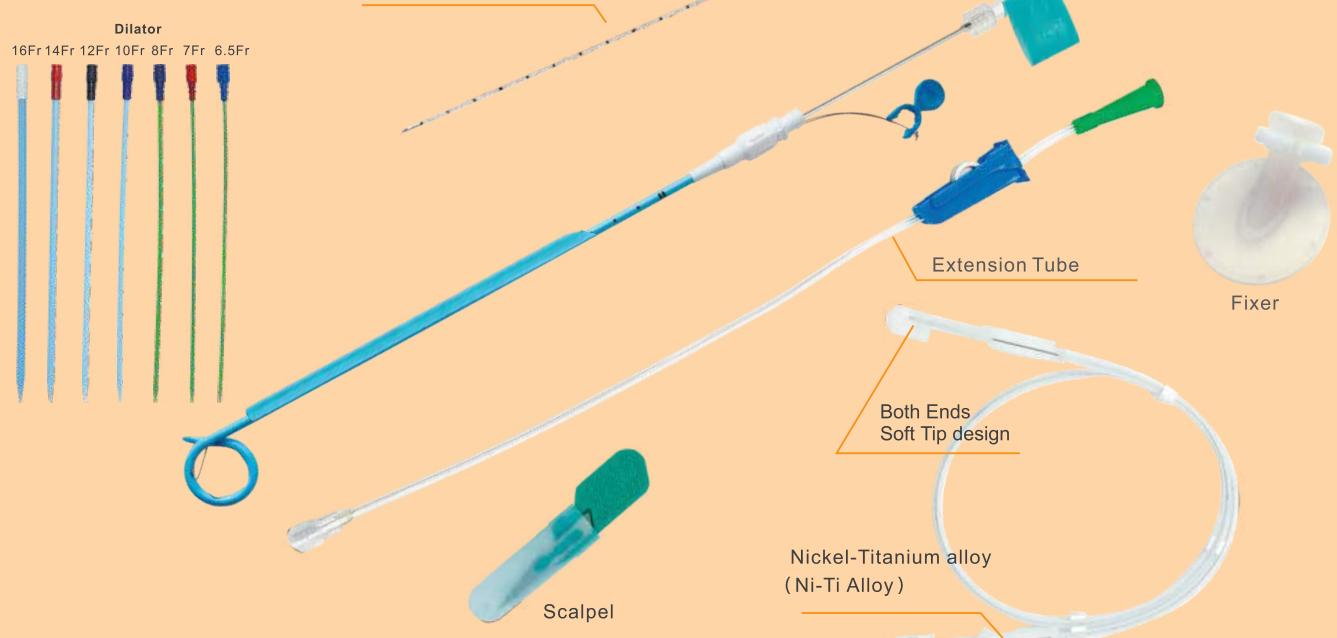
迪奥医学

Product Introduction

Direct Access (Single-Step set) Accessories

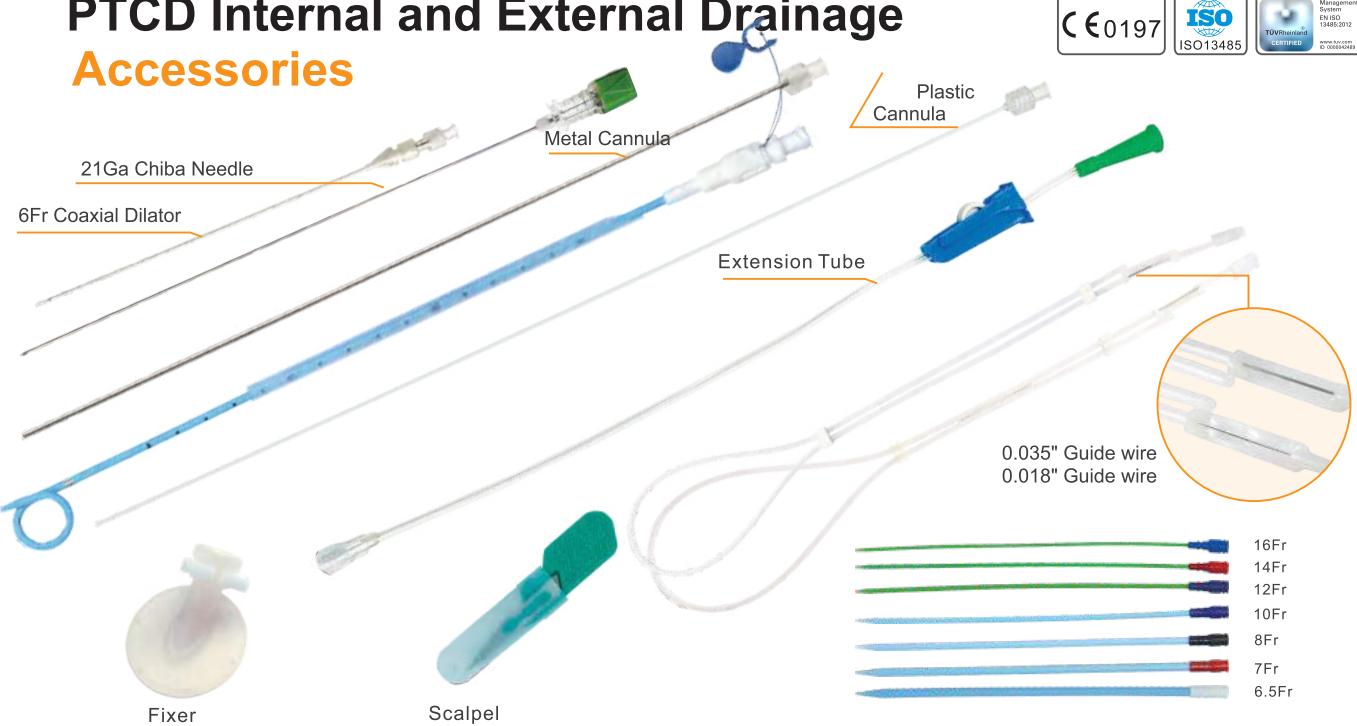


Seldinger Technique Set Accessories

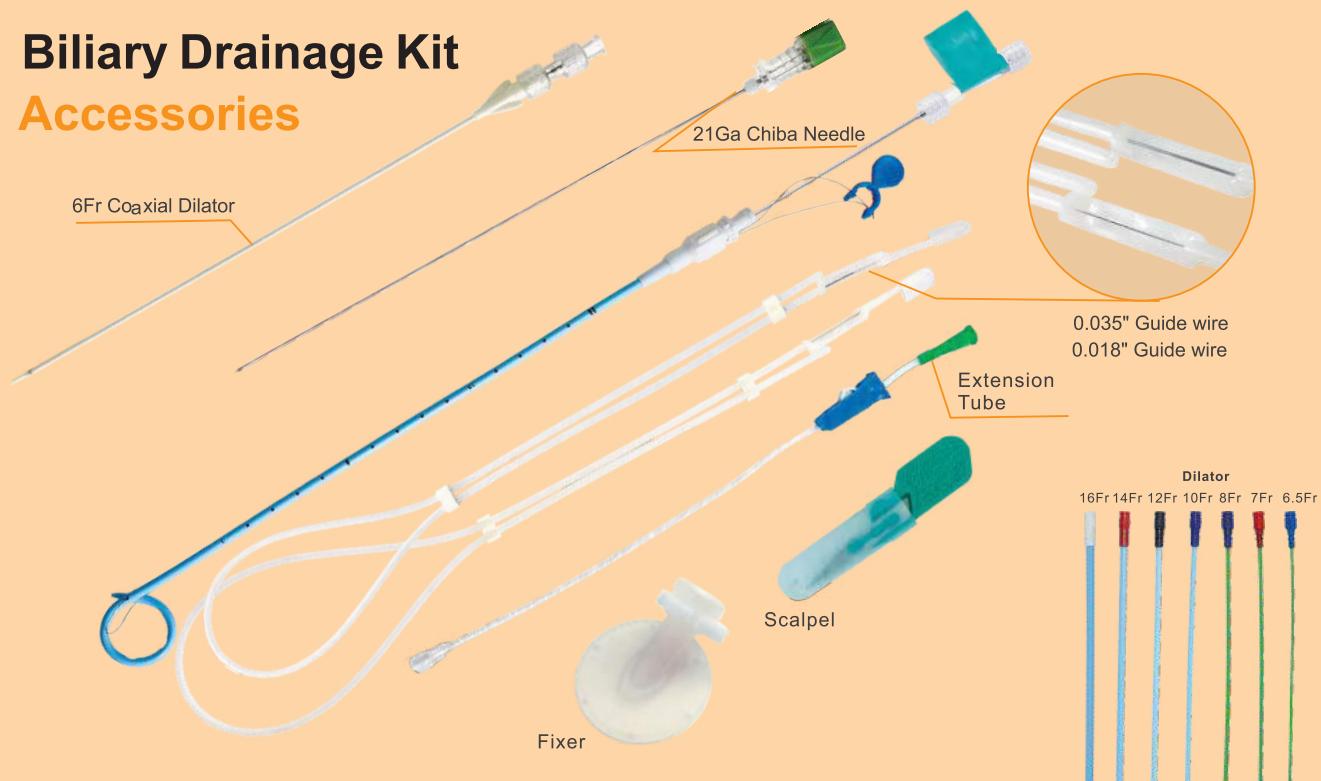


Optional: Three-way stopcock / Medical Pack for puncture surgery

PTCD Internal and External Drainage Accessories



Biliary Drainage Kit Accessories



Optional: Three-way stopcock / Medical Pack for puncture surgery

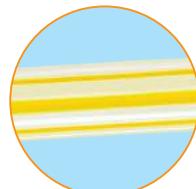
Disposable

Surgical Drainage Catheter



Multichannel Type

- 1.TPU material with good bio-compatibility,no stimulation to the tissue.
- 2.Inner and outer diameter ratio is large and tube wall is thin, make sure smooth drainage.
- 3.The radiopaque catheter is visible under X-Ray, convenient for clinical observation.



X-Ray



4 channels

Double Cannula Type (negative pressure flushable drainage catheter)

- 1.TPU material with good bio-compatibility,safety,no stimulation to the tissue.
- 2.Inner and outer diameter ratio is large make sure smooth drainage.



T Shape



- 1.TPU material with good bio-compatibility,no stimulation to the tissue.
2. Inner and outer diameter ratio is large and tube wall is thin,so that the drainage is smooth.
3. The radiopaque catheter is visible under X-Ray,convenient for clinical observation.



14Fr

Suitable for thyroid surgery



18Fr

Suitable for breast surgery and ovarian surgery



22Fr

The length is not equal,
Suitable for the clinical patient needs

Product Code of Surgical Drainage Catheter

Model	Size
Multichannel Type	10Fr-45cm,12Fr-45cm,15Fr-45cm,19Fr-45cm,24Fr-45cm 28Fr-45cm,15Fr-55cm,19Fr-55cm
Double Cannula Type	26Fr-30cm,26Fr-35cm
T Type	14Fr-36cm,22Fr-36cm

Relevant Clinical Departments:

General Surgery Department, Cardiology Department, Orthopaedics Department, Plastics Surgical Department and so on.

DIAALL Needleless Connector



Flow rate: 200mL/min

Cavity Volume: 0.2mL

Residual Volume: 0.06mL

Small size, light weight. Weight: 1.84g.

3-7 days indwelling

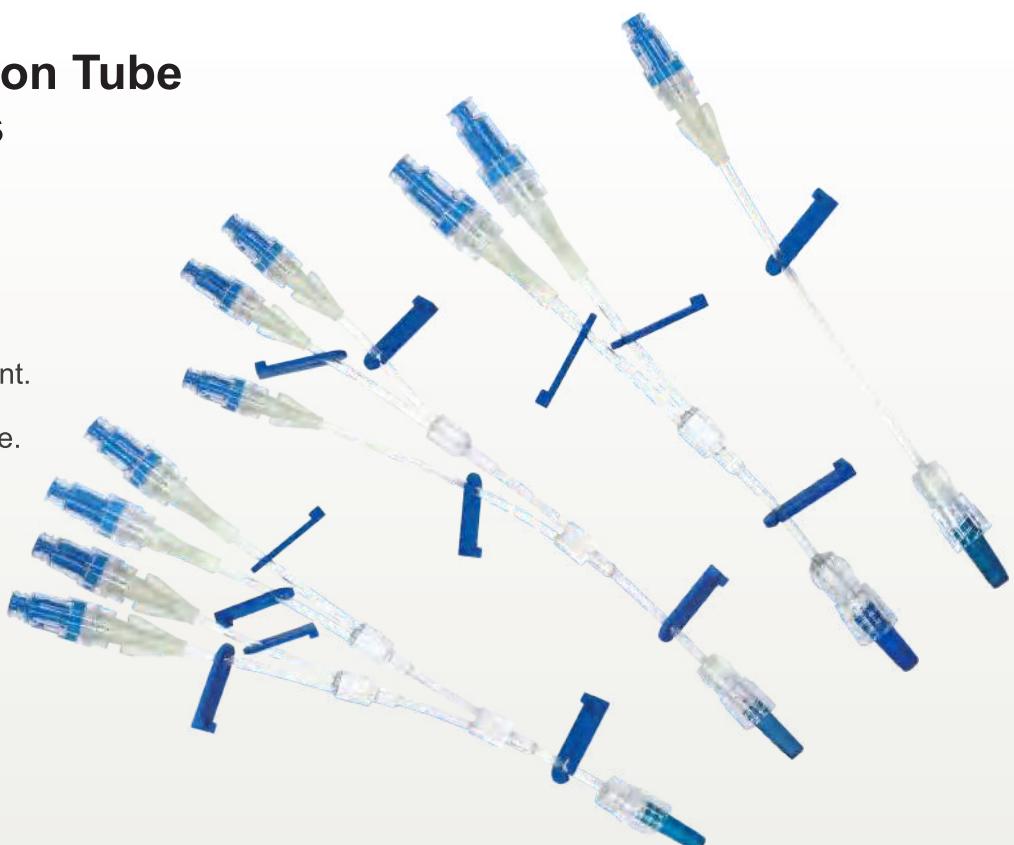
Advantage:

1. The connector is a flat surface without slots, easier to disinfect.
2. Tightly sealed, reducing bacterial infection.
3. Transparent liquid pathway convenient for observing the flush effect.
4. Positive pressure, anti-reflux technique, effectively reduces the possibility of blood reflux into the catheter.
5. Metal-free, protect patient and medical staff.

Infusion Extension Tube with Connectors

Advantages:

- ◆ Much safer and convenient.
- ◆ Reduce tube-blocking rate.
- ◆ Improve curative effect.
- ◆ Reduce costs.



Disposable Nasogastric Feeding Tubes



Radio-Opaque

The catheter body is made of imported polyurethane:

- ◆ Long-term indwelling.
- ◆ Good biocompatibility.
- ◆ Great temperature resistance
- ◆ High intensity.
- ◆ Large ratio of inner and outer diameters.
- ◆ Superb flexibility.



The guide wire is made of stainless steel

- ◆ Tough and not easily bent

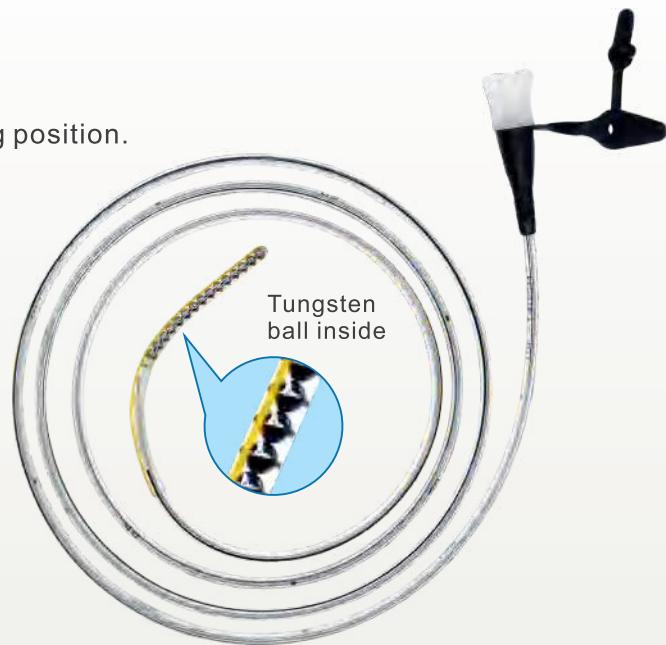
Tip Design

	Visible radio-opaque line and insertion length scale ensure easily checking the tip and tube position.		Convenient to place, lateral oval holes ensures easy infusion and prevents tube blockage.
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Gravity tip feeding tube(weighter 3g)

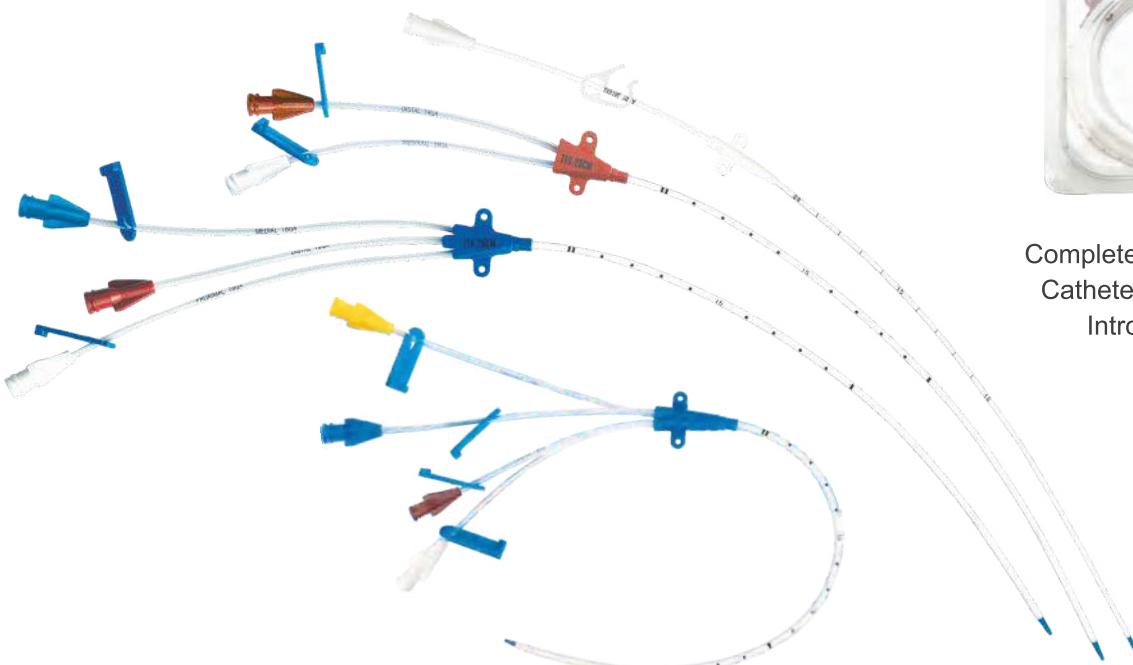
- ◆ Metal tungsten tip design
- ◆ Large proportion and easily inserting.
- ◆ Excellent visible radio opaque line,easily checking position.

Model	Size	Length	Remark
Radio-Opaque	6Fr	45-140cm	Opening Tip design
	8Fr		
	10Fr		
	12Fr		
	14Fr		
	16Fr		
Gravity Tip Design (Weighted 3g)	10F	140cm	Gravity Tip Design





Central Venous Catheter



OEM/ODM/SKD Parts



Complete insertion set containing Catheter, Dilator, Guidewire and Introducer Needle is packed by TYVEK paper, which ensures the safety of the package.



Single lumen Double lumen Triple lumen Quad lumen



Raulerson Introducer Syringe and Y-shaped Syringe optional in puncture.

Designed with one way valve, which can avoid hemorrhage and air embolism.



Introducer Needle

Professional design of intravenous Puncture Needle, which ensures perfect combination of needle sharpness and breakthrough.

Dilator

The surface of Dilator is smooth, with flexible texture, suitable hardness and small resistance, which reduce trauma to blood vessel.

Lumen	Size	Length
Single Lumen	14G	5-30cm
	16G	
	18G	
	20G	
	22G	
Double Lumen	8.5Fr	5-30cm
	7Fr	
	5Fr	
	4Fr	
Triple Lumen	7Fr	5-30cm
	5.5Fr	
	4.5Fr	
	Quad Lumen	
Quad Lumen	8.5Fr	

Hemodialysis Catheter

OEM/ODM/SKD Parts



Curved extension tube is easy for nursing and makes patient comfortable.



Hub

Silicon covering can avoid hub being curved.



Material

Special design for femoral venous puncture, more than 20cm catheter length and made of anti-distorted material.



Rhombic Opening

Rhombic opening offers enough flow rate and avoids catheter being blocked.

Lumen	Size	Length
Double Lumen	6.5Fr	8-30cm
	8.5Fr	
	11.5Fr	
	12Fr	
	14Fr	
Triple Lumen	12Fr	

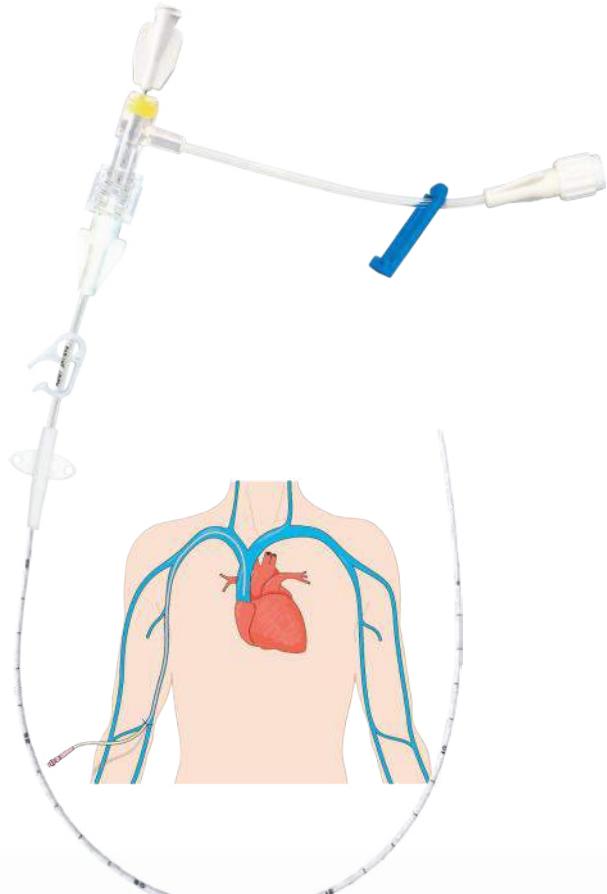


Peripherally Inserted Central Catheter

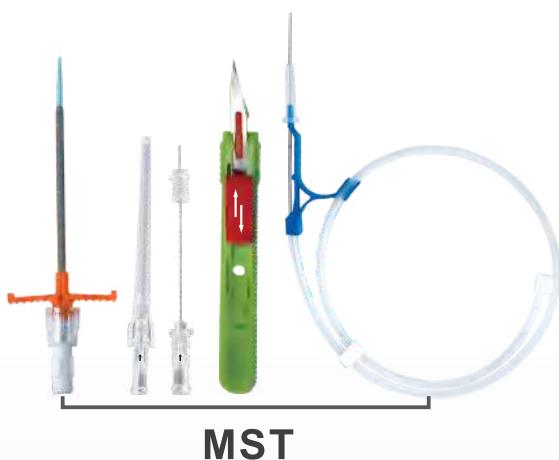
PU Material,high strength,soft,flexible catheter

OEM/ODM/SKD Parts

- ◆ Long-term indwelling.
- ◆ Perfect compact & smooth tube surface.
- ◆ MST puncture component.
- ◆ Seamless design : prevents bacteria, avoids air bubbles.
- ◆ No-valve, high-flow front tip.
- ◆ Single or dual chamber options available.

**Remark:**

- [1] Safe PICC placement reduces complications.
- [2] Consider maximum aseptic precautions when placing PICC.



Product Name	OD and Length	Remark	Product Code
PICC-Tip Open	Single Lumen 4Fr-65cm	Without valve, Seldinger Technique Set	12-1391
	Double Lumen 5Fr-55cm	Without valve, Seldinger Technique Set	12-2471
PICC-Tip Tri-way Valve	4Fr-55cm Single Lumen	Tip Tri-valve, Seldinger Technique Set	12-1372
	Single Lumen 4Fr-60cm	Tip Tri-valve, Seldinger Technique Set	12-1382
	Single Lumen 4Fr-60cm	Tip Tri-valve, Seldinger Technique Set	12-1383
PICC-End Tri-way Valve	Single Lumen 4Fr-55cm	Tip Tri-valve, Seldinger Technique Set	12-1371

Tail End Tri-Way Valve PICC Catheter

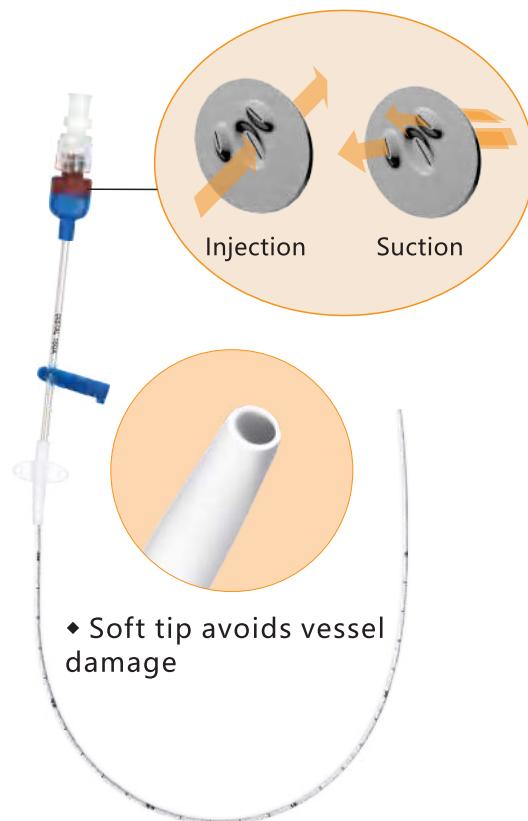
OEM/ODM/SKD Parts

◆ **Tri-valve tail:**

reduce blood return and block.

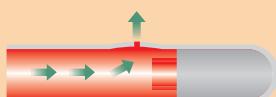
◆ **Seamless integrated tail-end design:**

prevents bacteria, avoids air bubbles.

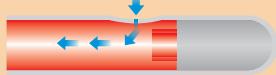


Peripherally Inserted Central Catheter Kit

Tip Tri-way Valve



◆ **Positive Pressure (injection),**
valve opens outward for infusion



◆ **Negative Pressure (suction),**
valve opens inward for blood draw



◆ **Balance Pressure,**
the valves are closed and there is neither
blood reflux nor air entering





Midline Catheter

- ◆ Various specifications for clinical options.
- ◆ PICC's same accessories create a maximum sterile environment.
- ◆ Tip open, without valve, high flow rate.

[1] Use the safest available insertion technique to reduce the risk for insertion-related complications.[INS26-31(V)]

[2] Consider the use of maximal sterile barrier precautions with midline catheter insertion.[INS24-26(V)]



OEM/ODM/SKD Parts

Infant Set

- Imported PU material protects infant blood vessels. ◆
- MST set enhances puncture success, reduces pain to infants. ◆
- Integrated end minimizes bacterial risk, prevents air bubbles. ◆
- Unique joint protects the delicate skin of infants. ◆

Product Name	OD and Length	Remark	Product Code
Infant Set	Single Lumen 1.9Fr-25cm	Without valve, direct access Set	12-1132
	Single Lumen 1.9Fr-30cm	Without valve, Seldinger Technique Set	12-1141
Midline Catheter	Single Lumen 3Fr-30cm	Without valve, Seldinger Technique Set	12-1242
	Single Lumen 4Fr-30cm	End Tri-valve, Seldinger Technique Set	12-1341
	Single Lumen 4Fr-30cm	Without valve, Seldinger Technique Set	12-1342

Accessories

Peel-able Sheath Introducer

Typical application

Widely adopted in Blood Vessel, Invasive Devices Set, and Minimally Invasive Surgical Kit, such as PICC set, CVC set, Hemodialysis Catheter Set, Balloon or Stent placing surgery kit, some percutaneous puncture devices set.

Advantage:

1. Locking cap; anti-slid wings;
2. Perfect stiffness and flexibility;
3. Smooth surface, high precision slot;
4. Consistent peel force, smooth transition

Size:

4Fr~20Fr available;
2cm~20cm available;
with piercing needle and internal dilator



Introducer Y-shaped Syringe

Designed with one way valve, which can avoid hemorrhage and air embolism.



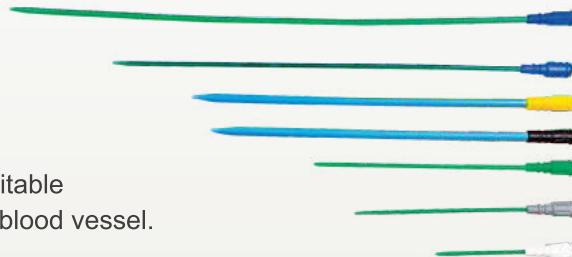
Introducer Needle

Professional design of intravenous Puncture Needle, which ensures perfect combination of needle sharpness and breakthrough.



Dilator

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