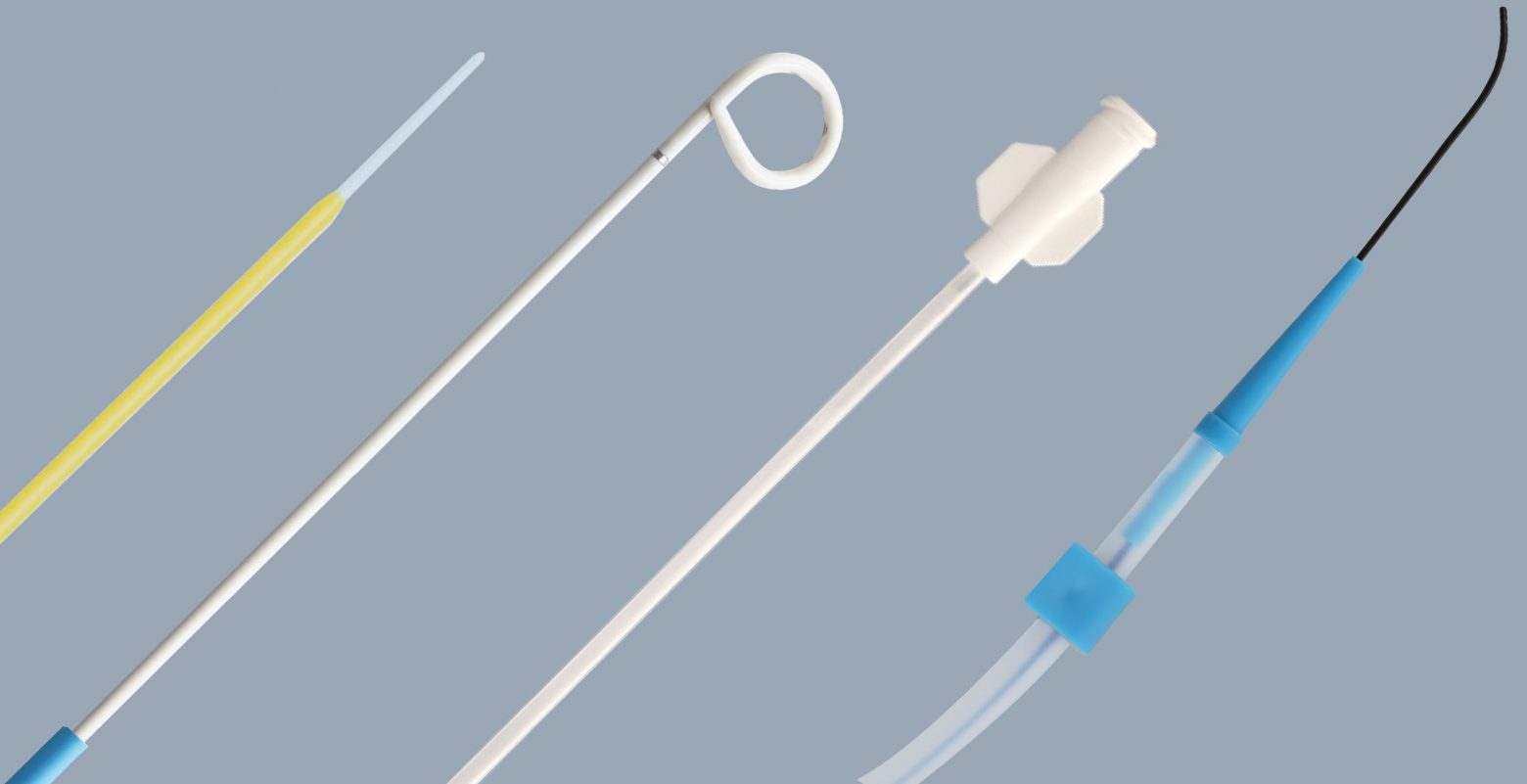


SUNGWON MEDICAL

The most important value for a human being:
Happiness based on health





The most important value for a human being : Happiness based on health

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Sungwon Medical Co., Ltd. is pursuing the vision of the 21st century to be a true global leader of medical devices making its customers happy throughout the world by means of its innovative products and services.

Sungwon Medical Co., Ltd. keeps aggressively investing in R&D and new medical products for human beings. Sungwon Medical Co., Ltd. has already set a new mid-term and long-term vision, aiming to achieve a position as one of the top biotechnology and medical firms in the world by 2025.

As such, Sungwon Medical Co., Ltd. is embracing the philosophy of "Innovative minds" whereby only innovative and talented individuals can create an innovative company, and pursue two central strategies involving "fast innovation" and "stable growth". Furthermore, it seeks to secure three core capabilities - product leadership; market leadership; and people-centered leadership.



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Central Venous Catheter

Central Venous Catheterization Set

Interventional Access

Accu-Sheath Introducer System
Multi-Purpose Drainage Catheter II

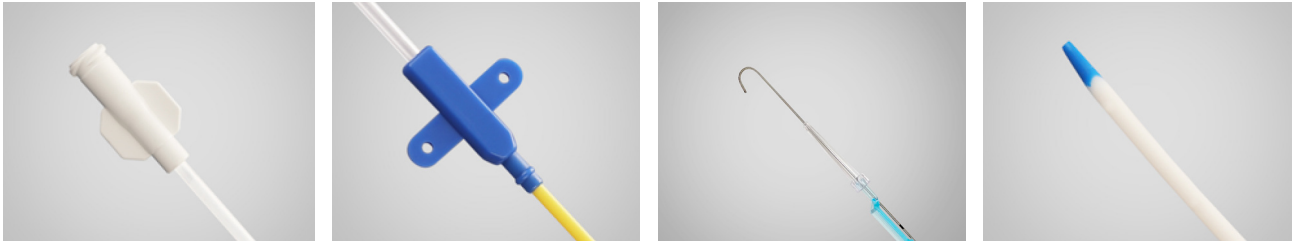
Guide Wire

Hydrophilic guide wire
Radiopaque coil tip Nitinol guide wire

OEM/ODM

Catheter tube extrusion
Components



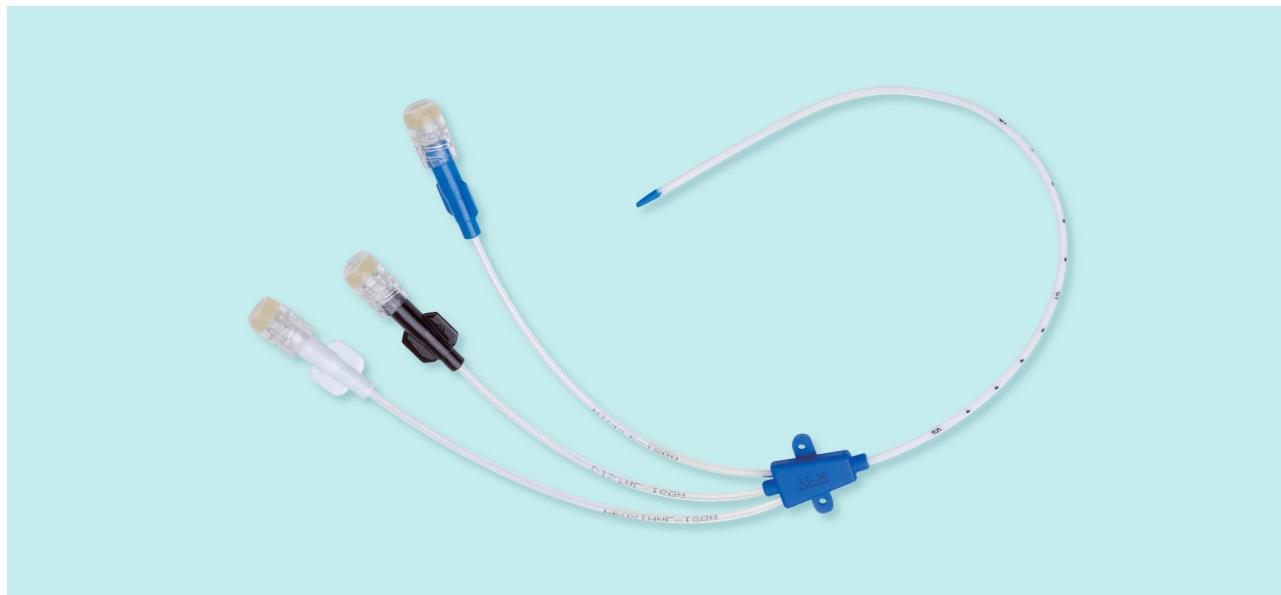
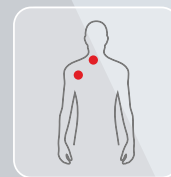


Central Venous Catheter

- Central Venous Catheterization Set

Central Venous Catheterization Set

Intravascular Catheter



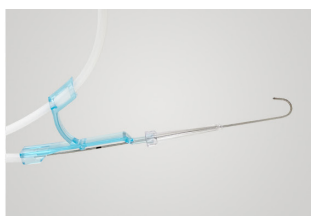
- Designed for safe and accurate treatment
- Continuous or intermittent drug infusions
- A short term use catheter

Description

SUNGWON Advancer enhances the safety of guidewire insertion and reduces the risk of contamination.

The durability of the CVC soft tip prevents catheter embolism.

Non-kinking polyurethane tube intensifies safety and the accuracy of drug infusions for critically ill patients.



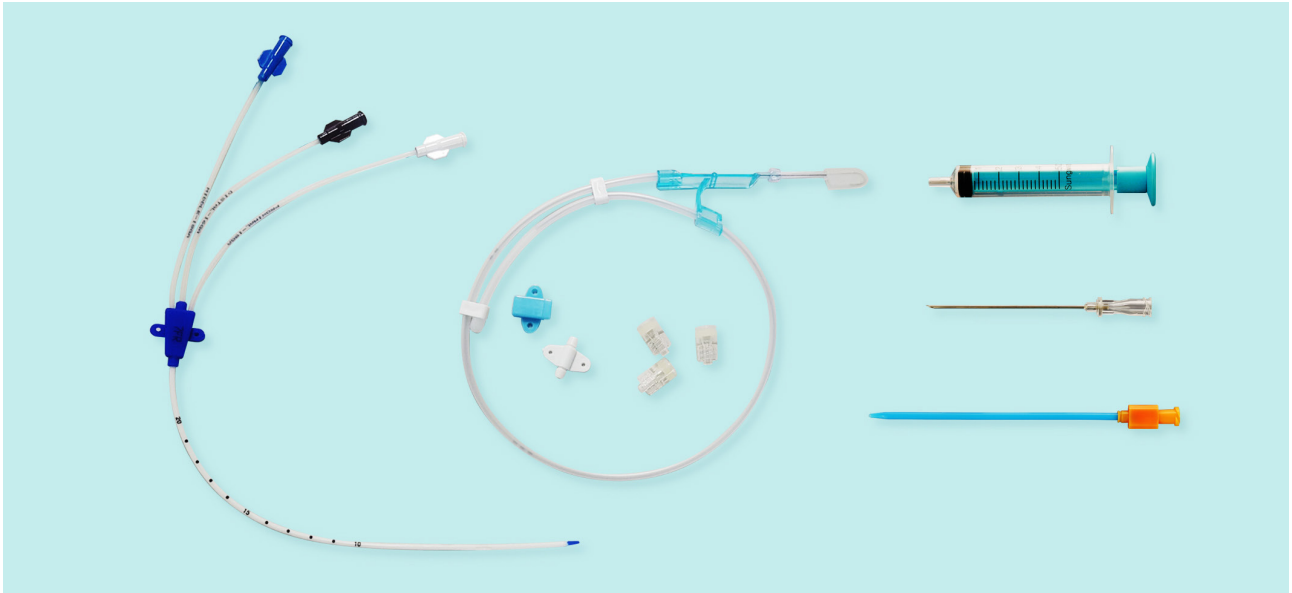
01 Central Venous Catheter

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Components



SINGLE

Model	Catheter Specification		Guidewire		Needle
	Size	Length (cm)	OD (inch)	Length (cm)	
SWL-1996-01C-02-20 Single	18Ga 5Fr	20	0.025"	60	20Ga × 2.5"
SWL-1996-01C-03-15 Single	16Ga 6Fr	15	0.035"		18Ga × 2.5"
SWL-1996-01C-03-20 Single		20			
SWL-1996-01C-04-20 Single	14Ga 7Fr	20	0.035"		18Ga × 2.5"

DOUBLE

Model	Catheter Specification		Guidewire		Needle
	Size	Length (cm)	OD (inch)	Length (cm)	
SWL-1996-02C-02-10 Double	5Fr	10	0.021"	45	20Ga × 2.5"
SWL-1996-02C-03-15 Double	7Fr	15	0.032"	60	18Ga × 2.5"
SWL-1996-02C-03-20 Double		20	0.035"		

TRIPLE

Model	Catheter Specification		Guidewire		Needle
	Size	Length (cm)	OD (inch)	Length (cm)	
SWL-1996-03C-03-15 Triple	7Fr	15	0.032"	60	18Ga × 2.5"
SWL-1996-03C-03-20 Triple		20	0.035"		

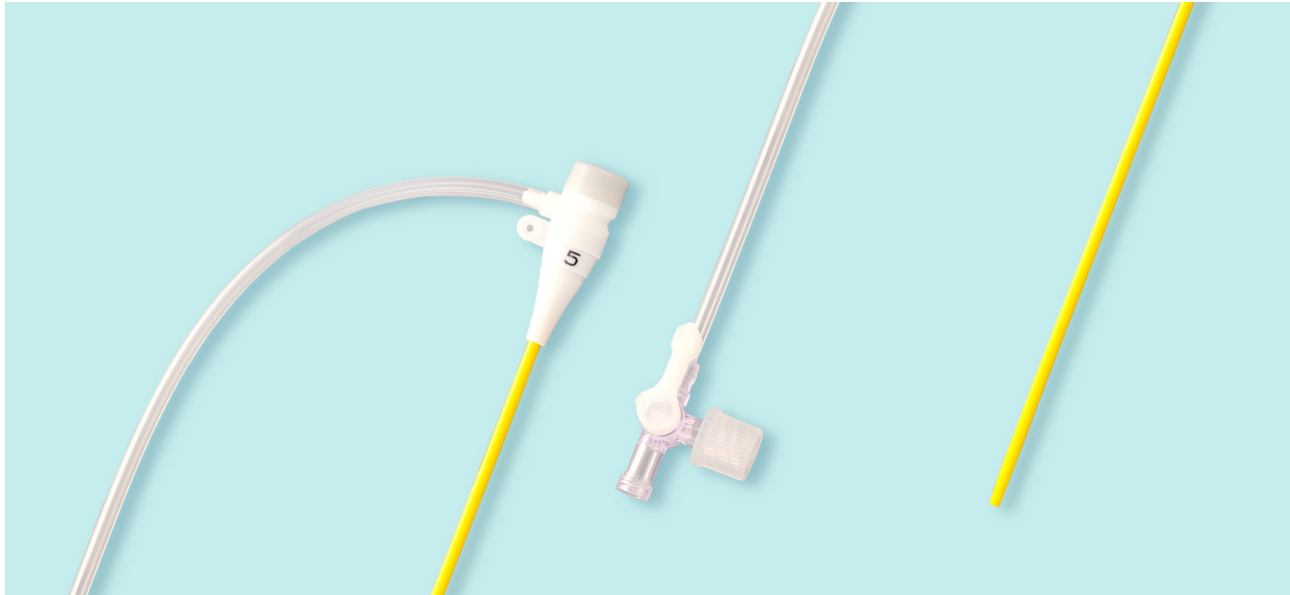
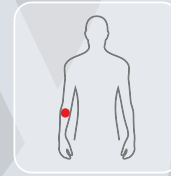


Interventional Access

- Accu-Sheath Introducer System
- Multi-Purpose Drainage Catheter II

Accu-Sheath

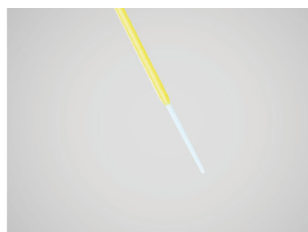
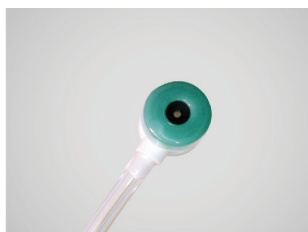
Introducer System



- Smooth and Non-kinking Vascular Access System
- Free Space in Transition : Perfect Fit
- Anti-reflux of Blood : Double Disc

Description

Accu-Sheath is an introducer system driving smooth and easy insertion between dilator and sheath tube. The tapered transition between sheath and dilator helps fluent insertion with guaranteed safety and performance. Accu-advancer effectively prevents blood reflux and air aspiration while providing excellent guidewire control.



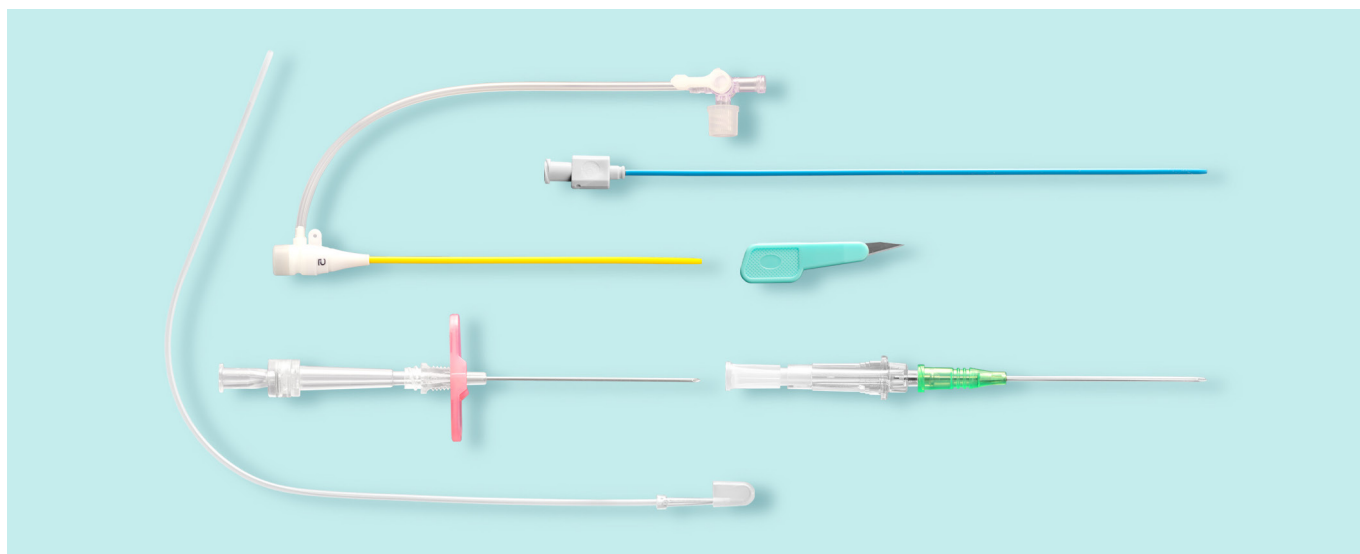
01 Central Venous Catheter

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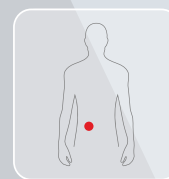


SHEATH

Model	Catheter Specification	
	Size (Fr)	Length (cm)
Femoral	4	6 / 7 / 8 / 10 / 12 / 13 / 14 / 25
	5	
Radial	6	
	7	
	8	
	9	

Guidewire		
Type	Tip & Wire length (cm)	Diameter (Tip)
H (Hairwire)	Curved Tip - 45, 70cm	0.018" (C)
P (Polymer jacket)	Curved Tip - 45cm Straight tip - 45cm	0.018" (S,C)
		0.025" (S,C)
		0.035" (S,C)
S (Spring)	Curved Tip - 45cm Straight Tip - 45cm J Shaped Tip - 45, 70cm	0.021" (S,C)
		0.025" (S)
		0.035" (J)

IV Catheter	Seldinger Needle	Syringe Volume
20 Ga	21 Ga	3 cc
18 Ga	20 Ga	
	18 Ga	



Drainage Catheter

Multi-Purpose Drainage Catheter II



A Variety of Drainage Applications

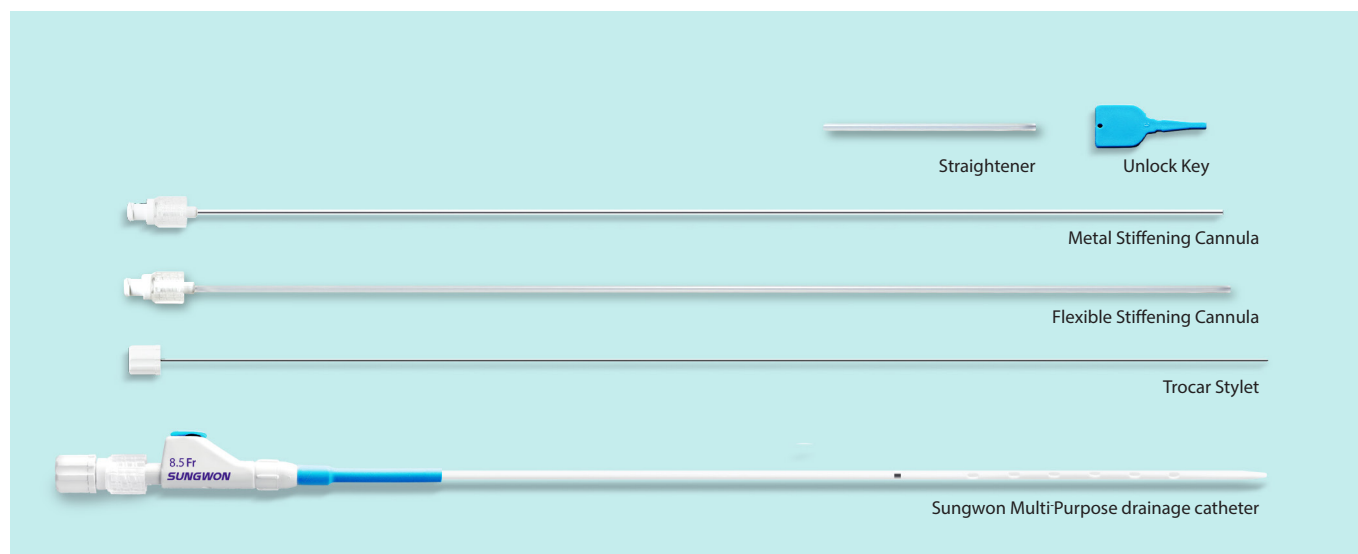
- With Direct Stick & Seldinger Access Technique
- Easy-to-lock & unlock system

Description

- Multi-purpose Drainage Catheter offers several functions according to the intended use:
 - Biliary, Abscess, and Nephrostomy with locking system
- Various Available Type : Straight, Curved, Pigtailed, etc.
- Radiopaque band and hydrophilic option is available



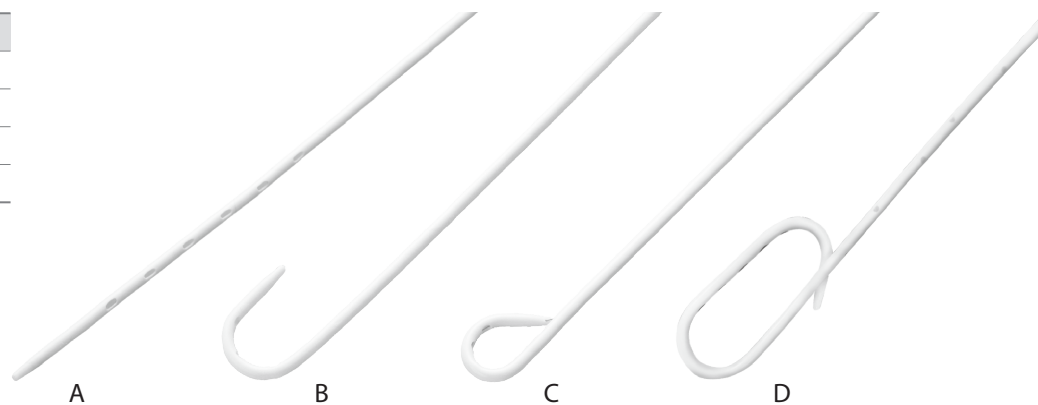
Components



The catheter contains 6 basic holes and side holes can be added depending on product type upon customer request. The flexible stiffening cannula is included only for 7 to 14 Fr Pigtail and BSL type. Straightener is included according to product type.

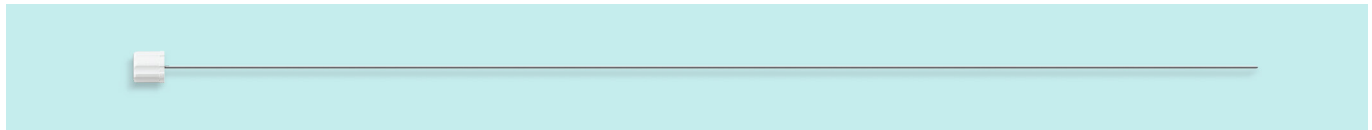
Model	Length (cm)	Size (Fr)	Pigtail Size (cm)	Accepts guidewire diameter(in)
Pigtail(PI) Curved(CU) Straight(ST) BSL type(BSL)	25 / 30 / 40	6	1, 2	0.035
		7	1, 2	0.035
		8.5	1, 2	0.038
		10.2	1, 2	0.038
		12	2	0.038
		14	2	0.038
		16	2	0.038

Type
A Straight
B Curved
C Pigtail
D BSL



New features of the Multi-Purpose Drainage Catheter II

Direct stick trocar stilet



Two types of trocar stilet give various options to the users
Round type and Sharp type.
This unique technology gives the easy to use and will
minimize the patient's pain tissue damage.



Round Type



Sharp Type

Hydrophilic coating option is now available



Uncoated Surface

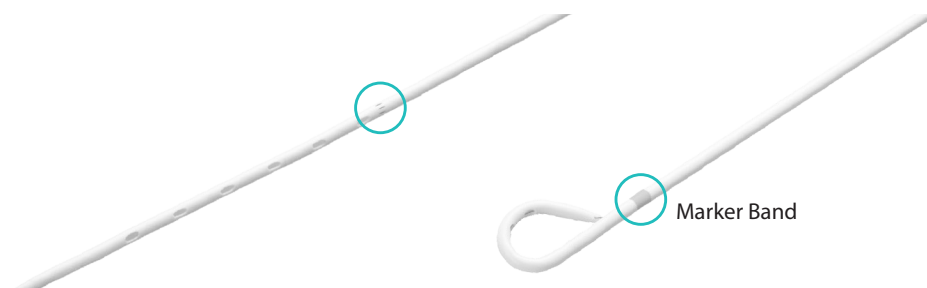


Sungwon Hydrophilic Coating



The coating material is verified for biocompatibility and cytotoxic

Platinum alloy Marker band was adopted with radiopaque function



The platinum alloy marker band was adopted with radiopaque function.
The catheter tube itself has a radiopaque function however marker band helps to be seen exact position under fluoroscopy.



Guide Wire

- Hydrophilic guide wire
- Radiopaque coil tip Nitinol guide wire



Hydrophilic Guidewire

Crescendo Guidewire

01 Central Venous Catheter

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03 Guided Wire

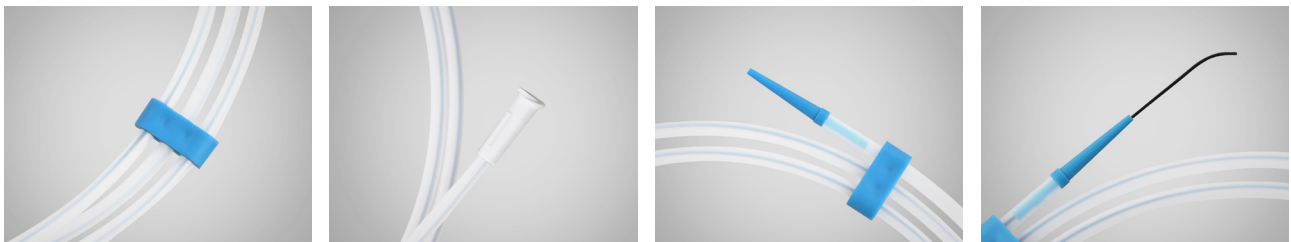
04 OEM / ODM

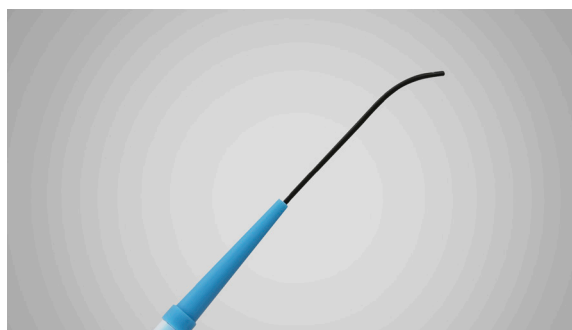


Description

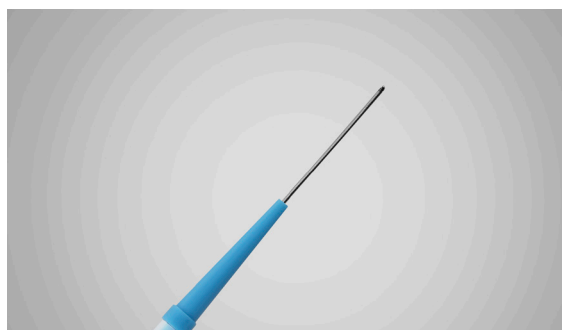
Sungwon's Crescendo hydrophilic guide wire enhances catheter tracking with its lubricious coating and smooth surface. A solid nitinol core increases steerability in tortuous anatomy and the 1:1 torque ratio assures precise manipulation. The Crescendo is kink resistant and thrombus resistant. Its stiff shaft technology provides strength and stability during catheter placement and exchange.

Components





Hydrophilic guide wire



Radiopaque coil tip Nitinol guide wire

Type	Wire Diameter	Wire size	Wire Tip
Radiopaque coil tip Nitinol Guide wire	017"	45-150cm	A-type/ Straight
	018"	45-150cm	

Type	Wire Diameter	Wire size	Flexible Tip Length	Wire Tip
Hydrophilic Guide wire	025"	150cm	3cm	J-type / A-type/ Straight
	025"	150cm	4cm	
	025"	180cm	3cm	
	025"	180cm	4cm	
	025"	260cm	3cm	
	025"	260cm	4cm	
	032"	150cm	3cm	
	032"	150cm	4cm	
	032"	180cm	3cm	
	032"	180cm	4cm	
	032"	260cm	3cm	
	032"	260cm	4cm	
	035"	150cm	3cm	
	035"	150cm	4cm	
	035"	180cm	3cm	
	035"	180cm	4cm	
	035"	260cm	3cm	
	035"	260cm	4cm	



OEM/ODM

- Catheter tube extrusion
- Components

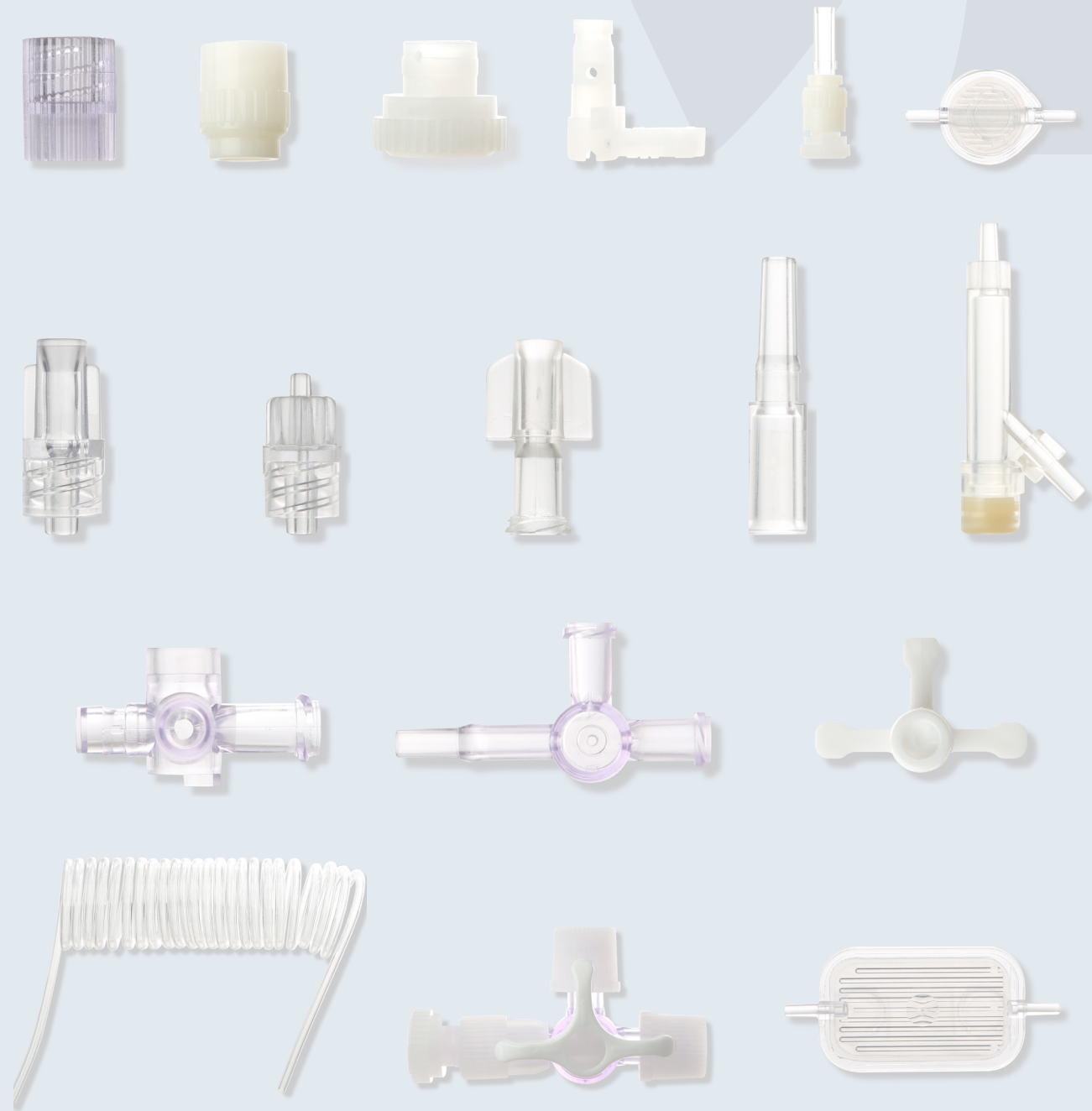


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Components



**There are more components available for IV set and Catheters,
please contact us for more information.**

Catheter tube extrusion



01 Central Venous Catheter

02 Interventional Access

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04 OEM / ODM

**There are more tube extrusion available for IV set and Catheters,
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If you want more information about Sungwon Medical, please visit our website.