

DIALYSIS CATHETERS



*Catheters
from
Doctors to Doctors*

hemoclean®

DIALYSIS

Catheters and Accessories

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1.1. Short Term Haemodialysis Catheter

An Optimum Compromise between competing Factors. Where a balance between:

- Flexibility & firmness.
- Softness and anti kinking.
- Material and durability.
- Size and flow.

Features and Properties

CATHETER FEATURES:

Soft tip.

Length marked.

Small rotating fixation wing.

Extension lines stand repeated clamping and declamping. Multiple threads female luer end.

Injection caps.

Variety of sizes, lengths and shapes.

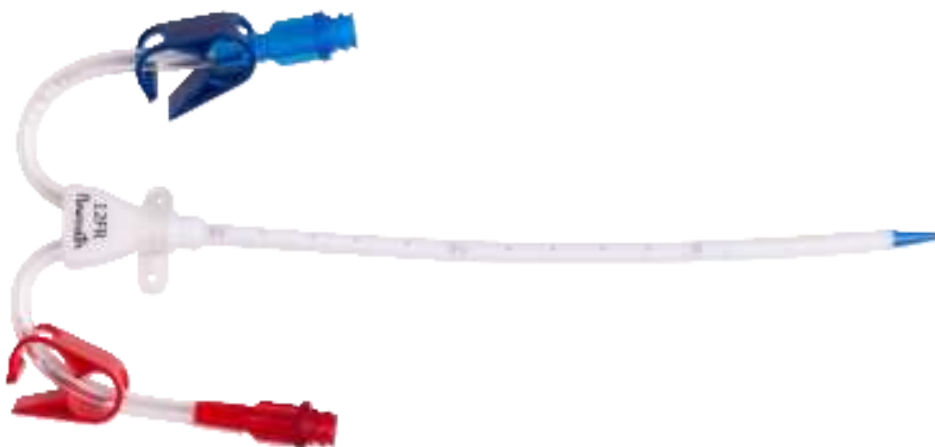
KIT FEATURES:

Heavy duty length marked guide wire with advancer.

Long tapered tip dilators with stopper to avoid over insertion. Scalpel # 11 for small snipping.

Guiding Y Connector "GY" (option).

Nitinol Guide wire "N" (option).



1.1.1. Single Lumen Catheter and Kits

Ordering Information:

Fr Size	Length	Subclavian	Jugular	Pre Curved
		KIT CODE	KIT CODE	KIT CODE
7	10 Cm	SLC-0710-K	SLC-0710-JK	SLC-0710-PCK
7	12 Cm	SLC-0712-K	SLC-0712-JK	SLC-0712-PCK
8	10 Cm	SLC-0810-K	SLC-0810-JK	SLC-0810-PCK
8	12 Cm	SLC-0812-K	SLC-0812-JK	SLC-0812-PCK
8	15 Cm	SLC-0815-K	SLC-0815-JK	SLC-0815-PCK
8	20 Cm	SLC-0820-K	SLC-0820-JK	SLC-0820-PCK



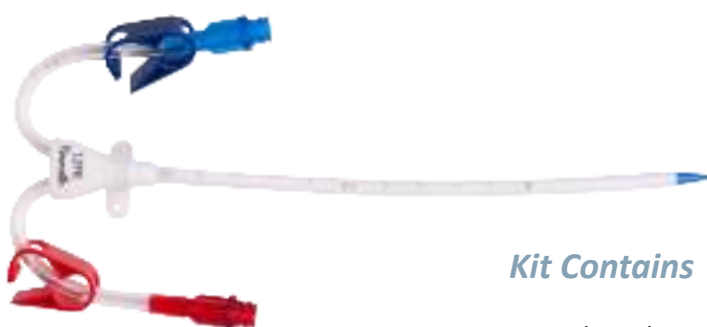
Kit Contains

- Polyurethane Catheter.
- J ended length marked guide wire.
- Nitinol Core (option)
- Introducer echogenic needle (safety echogenic needle optional)
- Syringe.
- Vessel dilator.
- scalpel #11. (Safety Scalpel optional)
- Injection Cap.
- Guiding Y-connector (option).
- Patient Identification sticker.

1.1.2. Double Lumen catheters

Ordering Information:

Fr Size	Length	Subclavian	Jugular	Pre Curved
		KIT CODE	KIT CODE	KIT CODE
6	8 Cm	DLC-0608-K		
7	10 Cm	DLC-0710-K	DLC-0710-JK	
7	13 Cm	DLC-0713-K	DLC-0713-JK	
8	10 Cm	DLC-0810-K	DLC-0810-JK	
8	13 Cm	DLC-0813-K	DLC-0813-JK	
9	10 Cm	DLC-0910-K	DLC-0910-JK	
9	13 Cm	DLC-0913-K	DLC-0913-JK	DLC-0913-PCK
9	15 Cm	DLC-0915-K	DLC-0915-JK	DLC-0915-PCK
12	12 Cm	DLC-1212-K	DLC-1212-JK	DLC-1212-PCK
12	15 Cm	DLC-1215-K	DLC-1215-JK	DLC-1215-PCK
12	17 Cm	DLC-1217-K	DLC-1217-JK	DLC-1217-PCK
12	20 Cm	DLC-1220-K	DLC-1220-JK	DLC-1220-PCK
14	15 Cm	DLC-1415-K	DLC-1415-JK	DLC-1415-PCK
14	17 Cm	DLC-1417-K	DLC-1417-JK	DLC-1417-PCK
14	20 Cm	DLC-1420-K	DLC-1420-JK	DLC-1420-PCK



Kit Contains

- Polyurethane Catheter.
- J ended length marked guide wire.
- Nitinol Core (option)
- Introducer echogenic needle (safety echogenic needle optional)
- Syringe.
- Vessel dilators.
- scalpel #11 (safety scalpel optional).
- Injection Cap.
- Guiding Y-connector "GY" (option).
- Patient Identification sticker.

1.1.3. Double Lumen soft step tip catheters

Maximum Flow - Maximum comfort

- Soft polyurethane for patient comfort
- Stepped tip for maximum flow.

Ordering Information:

Fr Size	Length	Subclavian	Jugular	Jugular One Side	Pre Curved
		KIT CODE	KIT CODE	KIT CODE	KIT CODE
12	12 cm	SDLC-1212-K	SDLC-1212-KJ		
12	15 cm	SDLC-1215-K	SDLC-1215-KJ	SDLC-1215-KJU	SDLC-1215-KPC
12	17 cm	SDLC-1217-K	SDLC-1217-KJ	SDLC-1217-KJU	SDLC-1217-KPC
12	20 cm	SDLC-1220-K	SDLC-1220-KJ	SDLC-1220-KJU	SDLC-1220-KPC
12	25 cm	SDLC-1225-K	SDLC-1225-KJ	SDLC-1225-KJU	SDLC-1225-KPC
14	15 cm	SDLC-1415-K	SDLC-1415-KJ	SDLC-1415-KJU	SDLC-1415-KPC
14	17 cm	SDLC-1417-K	SDLC-1417-KJ	SDLC-1417-KJU	SDLC-1417-KPC
14	20 cm	SDLC-1420-K	SDLC-1420-KJ	SDLC-1420-KJU	SDLC-1420-KPC
14	25 cm	SDLC-1425-K	SDLC-1425-KJ	SDLC-1425-KJU	SDLC-1425-KPC
14	30 cm	SDLC-1430-K	SDLC-1430-KJ	SDLC-1430-KJU	SDLC-1430-KPC
14	35 cm	SDLC-1435-K	SDLC-1435-KJ	SDLC-1435-KJU	SDLC-1435-KPC

Kit Contains

- Soft step tip Polyurethane Catheter.
- Catheter stiffener.
- J ended length marked Nitinol guide wire in scaled dispenser.
- Introducer echogenic needle (safety echogenic needle optional)
- Syringe.
- Vessel dilators.
- Scalpel #11. (safety scalpel optional)
- Injection Cap.
- Guiding Y-connector.
- Patient Identification sticker.
- catheter tube securement adhesive
- transparent catheter adhesive

Double Lumen Step Tip Soft with Guiding Syringe Kit

Fr Size	Length	Subclavian	Jugular	Jugular One Side	Pre Curved
		KIT CODE	KIT CODE	KIT CODE	KIT CODE
12	12 cm	SDLC-1212-KGS	SDLC-1212-KJGS		
12	15 cm	SDLC-1215-KGS	SDLC-1215-KJGS	SDLC-1215-KJUGS	SDLC-1215-KPCGS
12	17 cm	SDLC-1217-KGS	SDLC-1217-KJGS	SDLC-1217-KJUGS	SDLC-1217-KPCGS
12	20 cm	SDLC-1220-KGS	SDLC-1220-KJGS	SDLC-1220-KJUGS	SDLC-1220-KPCGS
12	25 cm	SDLC-1225-KGS	SDLC-1225-KJGS	SDLC-1225-KJUGS	SDLC-1225-KPCGS
14	15 cm	SDLC-1415-KGS	SDLC-1415-KJGS	SDLC-1415-KJUGS	SDLC-1415-KPCGS
14	17 cm	SDLC-1417-KGS	SDLC-1417-KJGS	SDLC-1417-KJUGS	SDLC-1417-KPCGS
14	20 cm	SDLC-1420-KGS	SDLC-1420-KJGS	SDLC-1420-KJUGS	SDLC-1420-KPCGS
14	25 cm	SDLC-1425-KGS	SDLC-1425-KJGS	SDLC-1425-KJUGS	SDLC-1425-KPCGS
14	30 cm	SDLC-1430-KGS	SDLC-1430-KJGS	SDLC-1430-KJUGS	SDLC-1430-KPCGS
14	35 cm	SDLC-1435-KGS	SDLC-1435-KJGS	SDLC-1435-KJUGS	SDLC-1435-KPCGS

Kit Contains

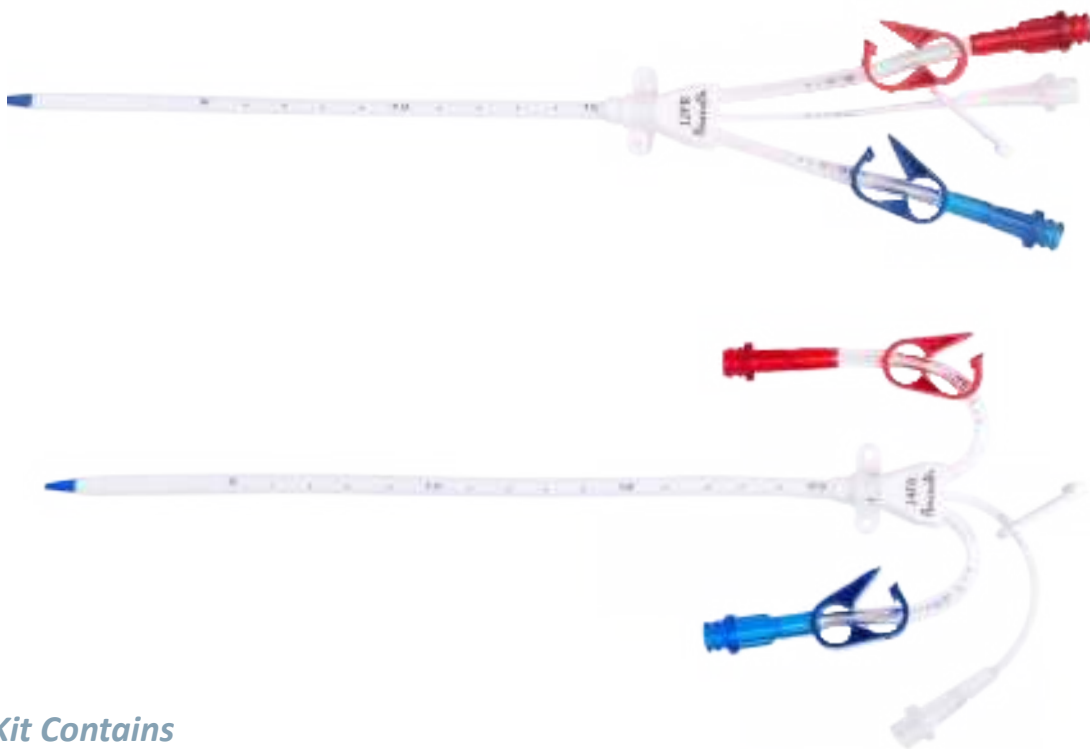
- Soft step tip Polyurethane Catheter.
- Catheter stiffener.
- J ended length marked Nitinol guide wire in scaled dispenser.
- Introducer echogenic needle (safety echogenic needle optional)
- Syringe.
- Vessel dilators.
- Scalpel #11. (safety scalpel optional)
- Injection Cap.
- Guiding Y-connector.
- Patient Identification sticker.
- catheter tube securement adhesive
- transparent catheter adhesive



1.1.4. Triple Lumen catheters

Ordering Information:

Fr Size	Length	Subclavian	Jugular	Pre Curved
		KIT CODE	KIT CODE	KIT CODE
13	15 cm	TLC-1315-K	TLC-1315-KJ	TLC-1315-PCK
13	17 cm	TLC-1317-K	TLC-1317-KJ	TLC-1317-PCK
13	20 cm	TLC-1320-K	TLC-1320-KJ	TLC-1320-PCK
14	15 cm	TLC-1415-K	TLC-1415-KJ	TLC-1415-PCK
14	17 cm	TLC-1417-K	TLC-1417-KJ	TLC-1417-PCK
14	20 cm	TLC-1420-K	TLC-1420-KJ	TLC-1420-PCK



Kit Contains

- Polyurethane Catheter.
- J ended length marked guide wire.
- Nitinol Core "N" (option)
- Introducer echogenic needle (safety echogenic needle optional)
- 10 cc Syringe.
- Vessel dilators.
- scalpel #11. (safety scalpel optional)
- Injection Cap.
- Guiding Y-connector "GY" (option).
- Patient Identification sticker.

1.1.5. UniQath

New Soft short to midterm haemodialysis catheter. One catheter suitable for all approaches whether Jugular, Subclavian or femoral. The catheter offers high patient comfort, entire haemostatic insertion, months of use, low incidence of infection and reliable flow rate. Being with a fixed length and size, it is one catheter that fit with all patients.

Features and Properties

CATHETER FEATURES:

Soft material: comfortable for the patient & easily inserted. Smart groove: protect side holes from sticking to vessel wall. Tubular design: No turbulence, higher flow.

No connection: prevent turbulence, more comfort.

No clamp: long term saved integrity of extensions.

Haemostatic valves: prevent blood leakage all over the procedure.

Product Specification:

Ordering Information:

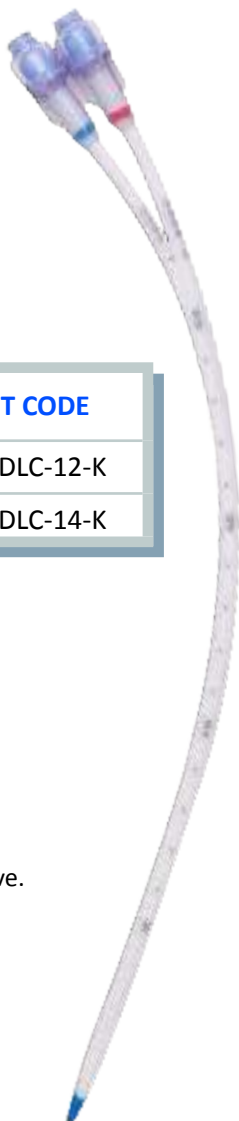
UNIVERSAL LENGTH

Size	Length	KIT CODE
12	24 CM	UNDLC-12-K
14	24 CM	UNDLC-14-K

Fr. Size	Length	Kit Code
12	15 Cm	UN-DLC-1215-K
12	17 Cm	UN-DLC-1217-K
12	20 Cm	UN-DLC-1220-K
12	24 cm	UNDLC-1224-K
12	25 Cm	UN-DLC-1225-K
12	26 Cm	UN-DLC-1226-K
14	15 Cm	UN-DLC-1415-K
14	17 Cm	UN-DLC-1417-K
14	20 Cm	UN-DLC-1420-K
14	24 cm	UNDLC-1424-K
14	25 Cm	UN-DLC-1425-K
14	26 Cm	UN-DLC-1426-K

KIT FEATURES:

- Polyurethane Catheter.
- Catheter Stylet.
- introducer echogenic needle with side valve.
- J tip nitinol guidewire.
- Vessel Dilator.
- syringe.
- Scalpel #11. (safety scalpel optional).
- Injection caps.
- Transparent Catheter Adhesive
- Catheter tube securement device.
- Patient identification sticker.



1.2. Smart Cath Haemodialysis Catheters

The smart solution for the flow reliability problem

THE PROBLEM,

An important feature of dialysis catheters is the suction openings to withdraw blood. Keeping the suction openings clear of thrombolytic material and away from the vessel wall is clearly essential to dialysis function since an adequate supply of blood must be removed from the patient to be dialyzed. However, a problem with dialysis catheters is that during blood withdrawal, as suction is being applied through the catheter openings and lumen, the suction can cause the catheter to be forced against the vessel wall, known as "side port occlusion", which can block the opening and adversely affects the function of the catheter.

In fact, the opening can become completely blocked, thereby preventing necessary intake of blood, i.e. arterial flow

THE SOLUTION,

Annular grooves where the side holes lie at their bottoms. Those grooves prevent the side holes from being sucked against the vessel wall and even create annular passage for the blood flow.

Features and Properties

CATHETER FEATURES:

Soft tip.
length marked.
Small rotating fixation wing.
Extension lines stand repeated clamping and declamping.
Multiple threads female luer end.
Injection caps.
Variety of sizes, lengths and shapes.

1.2.1. Double Lumen Catheters

Ordering Information:

Fr Size	Length	Subclavian	Jugular	Pre Curved
		KIT CODE	KIT CODE	KIT CODE
12	12 Cm	DLC-1212-KSM	DLC-1212-JKSM	DLC-1212-PCKSM
12	15 Cm	DLC-1215-KSM	DLC-1215-JKSM	DLC-1215-PCKSM
12	17 Cm	DLC-1217-KSM	DLC-1217-JKSM	DLC-1217-PCKSM
12	20 Cm	DLC-1220-KSM	DLC-1220-JKSM	DLC-1220-PCKSM
14	15 Cm	DLC-1415-KSM	DLC-1415-JKSM	DLC-1415-PCKSM
14	17 Cm	DLC-1417-KSM	DLC-1417-JKSM	DLC-1417-PCKSM
14	20 Cm	DLC-1420-KSM	DLC-1420-JKSM	DLC-1420-PCKSM

1.2.2. Triple Lumen Catheters

Ordering Information:

Fr Size	Length	Subclavian	Jugular	Pre Curved
		KIT CODE	KIT CODE	KIT CODE
13	15 Cm	TLC-1315-KSM	TLC-1315-JKSM	TLC-1315-PCKSM
13	17 Cm	TLC-1317-KSM	TLC-1317-JKSM	TLC-1317-PCKSM
13	20 Cm	TLC-1320-KSM	TLC-1320-JKSM	TLC-1320-PCKSM
14	15 Cm	TLC-1415-KSM	TLC-1415-JKSM	TLC-1415-PCKSM
14	17 Cm	TLC-1417-KSM	TLC-1417-JKSM	TLC-1417-PCKSM
14	20 Cm	TLC-1420-KSM	TLC-1420-JKSM	TLC-1420-PCKSM



Kit Contains for double and triple

- (1) Polyurethane Smart-Cath.
- (1) J ended length marked guide wire.
Nitinol Core (option)
- (1) Introducer echogenic needle. (safety echogenic needle optional)
- (1) Syringe.
- (2) Vessel dilators.
- (1) scalpel #11. (safety scalpel optional)
- (2) Injection Cap.
- (1) Guiding Y-connector (option).
- (1) Patient Identification sticker

1.3. Long Term haemodialysis Catheters

The Amecath Permthane Cuffed haemodialysis catheters are chronic, single or dual lumen, radiopaque, polyurethane catheters with a polyester cuff. The catheters are consisting of a catheter tube that have distally open, split or stepped tip and ends proximally with or without a connector hub. Catheters with hub are suitable for forward tunneling procedure while those without are suitable for retrograde tunneling. A female luer end is to be re-assembled to the catheter after the retrograde tunnelization.

Types and Differences between Amecath Permthane Dialysis Catheters:

Catheter type	Distal end tip design	Connect design	Proximal end design	Tunneling
Dual Lumenn Catheter	stepped	with	Fixed only	Forward
Y Split Dual Lumen Catheter	split	with	Fixed only	Forward
Twin Cath Dual Lumen Catheter	stepped	without	re-assembly	retrograde
X Split Dual Lumen Catheter	split	without	re-assembly	retrograde
One Tube Catheter	rounded	without	re-assembly	retrograde

1.3.1. Dual Lumen catheters

Features and Properties

CATHETER FEATURES:

Tip design to guarantees soft contact and long patency.

PERMTHANE (Carbothane) material suitable for long use.

Carbothane provides excellent tensile strength.

Catheter have stepped tip and Available in straight and pre-curved shape. Extension lines stand repeated clamping and declamping.

Variety of sizes, lengths and shapes.

Ordering Information:

Straight catheter kit CODE	Pre-curved Catheter kit	Fr. Size	Tip to cuff	Total Length
PDLC-1216-K	PDLC-1216-KPC	12	16 Cm	21 Cm
PDLC-1219-K	PDLC-1219-KPC	12	19 Cm	24 Cm
PDLC-1419-K	PDLC-1419-KPC	14	19 Cm	24 Cm
PDLC-1423-K	PDLC-1423-KPC	14	23 Cm	28 Cm
PDLC-1427-K	PDLC-1427-KPC	14	27 Cm	32 Cm
PDLC-1431-K	PDLC-1431-KPC	14	31 Cm	36 Cm
PDLC-1435-K	PDLC-1435-KPC	14	35 Cm	39 Cm
PDLC-1450-K	PDLC-1450-KPC	14	50 Cm	55 Cm
PDLC-1619-K	PDLC-1619-KPC	16	19 Cm	24 Cm
PDLC-1623-K	PDLC-1623-KPC	16	23 Cm	28 Cm
PDLC-1627-K	PDLC-1627-KPC	16	27 Cm	32 Cm
PDLC-1631-K	PDLC-1631-KPC	16	31 Cm	36 Cm
PDLC-1635-K	PDLC-1635-KPC	16	35 Cm	40 Cm
PDLC-1650-K	PDLC-1650-KPC	16	50 Cm	55 Cm



Kit Contains

- Permthane long term Dual lumen radiopaque polyurethane haemodialysis catheter with step tip.
- needle with echogenic tip (safety echogenic needle optional)
- Syringe.
- Guiding Y connector
- J end Nitinol guide wire
- Mini scalpel (safety scalpel optional).
- Hydrophilic coated dilator
- Peelable sheath introducer (option) with valve.
- blunt curve tunneler with sleeve.
- Catheter fixation adhesive
- Injection caps

1.3.2. Y-Split catheters

Features and Properties

CATHETER FEATURES:

Tip design to guarantees soft contact and long patency.
 PERMTHANE (Carbothane) material suitable for long use.
 Carbothane provides excellent tensile strength.
 Catheter have split tip and Available in straight and pre-curved shape.
 Extension lines stand repeated clamping and declamping.
 Variety of sizes, lengths and shapes.

Ordering Information:

Straight catheter kit CODE	Pre-curved Catheter kit	Fr. Size	Tip to cuff	Total Length
PYDLC-1216-K	PYDLC-1216-KPC	12	16 Cm	21 Cm
PYDLC-1219-K	PYDLC-1219-KPC	12	19 Cm	24 Cm
PYDLC-1419-K	PYDLC-1419-KPC	14	19 Cm	24 Cm
PYDLC-1423-K	PYDLC-1423-KPC	14	23 Cm	28 Cm
PYDLC-1427-K	PYDLC-1427-KPC	14	27 Cm	32 Cm
PYDLC-1431-K	PYDLC-1431-KPC	14	31 Cm	36 Cm
PYDLC-1435-K	PYDLC-1435-KPC	14	35 Cm	40 Cm
PYDLC-1450-K	PYDLC-1450-KPC	14	50 Cm	55 Cm
PYDLC-1619-K	PYDLC-1619-KPC	16	19 Cm	24 Cm
PYDLC-1623-K	PYDLC-1623-KPC	16	23 Cm	28 Cm
PYDLC-1627-K	PYDLC-1627-KPC	16	27 Cm	32 Cm
PYDLC-1631-K	PYDLC-1631-KPC	16	31 Cm	36 Cm
PYDLC-1635-K	PYDLC-1635-KPC	16	35 Cm	40 Cm
PYDLC-1650-K	PYDLC-1650-KPC	16	50 Cm	55 Cm



Kit Contains

- Permthane long term Y-Split Dual lumen radiopaque polyurethane haemodialysis catheter with split end.
- needle with echogenic tip (safety echogenic needle optional)
- Syringe.
- Guiding Y connector.
- J end Nitinol guide wire.
- Mini scalpel (safety scalpel optional).
- Hydrophilic coated dilator.
- eelable sheath introducer (option) with valve.
- blunt curve tunneler with sleeve.
- Catheter fixation adhesive
- injection caps.
- Transparent catheter fixation adhesive.

1.3.3. Retrograde Catheters

Through special manufacturing process twin tubes are formed to create one dual lumen catheter. Each lumen is continuing from catheter tip to catheter end without interruption by hub or connector the result is laminar flow in both lumen.

Features and Properties

- Made from biocompatible Permthane (Carbothane) material.
- The Unique tip design guarantee soft contact and long patency.
- Available in straight and pre-curved shapes. Pre-curved shaped catheters lie nicely over the clavicle.
- Two separate round lumens with one tunneling procedure.
- Profile guarantees laminar blood flow and kink resistance.

Retrograde Catheters are U.S. patented formed by fusion of two tubes to provides easy catheter insertion by a single tunneling procedure through use of one outer wall configuration that ends with stepped tip (TwinCath) or split tip (X-Split)

CATHETER TUNNELING FEATURES:

- Easy Tunneling.
- External Extension Line sets are provided to be assembled to catheter extensions after retrograde tunneling, they can also be used for repairing catheter extensions.

SIMPLE TUNNELING PROCEDURE:

- Insert the lockable tunneling tool inside the opened catheter extension Slide the tunneling sleeve to •
- cover both catheter extensions
- Perform the retrograde tunneling
- Slide the tunneling sleeve away from the catheter extensions
- Cut catheter extensions at the mark line.
- Assemble the external extension line sets to the cut catheter extension.



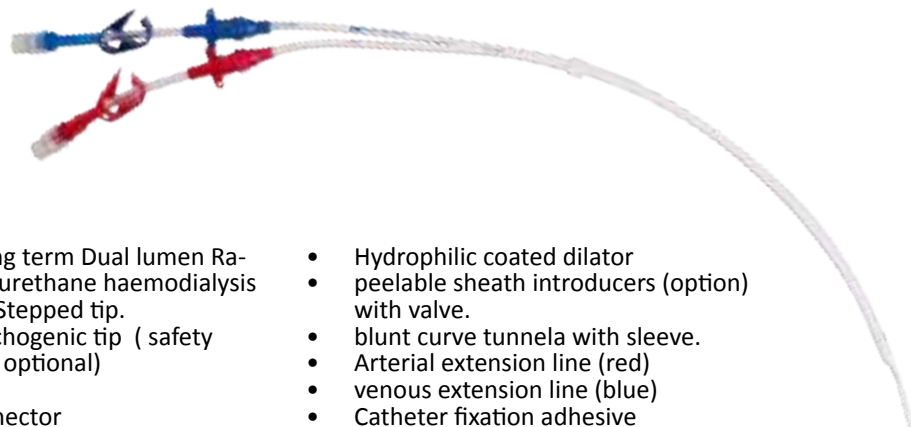
1.3.4. Twin Cath catheters

Features and Properties

The TwinCATH design provides easy catheter insertion by a single tunneling procedure, through use of one outer wall configuration that ends with step tip. Catheter lumens are rounded in shape and this guarantees laminar high flow in each lumen.

Ordering Information:

Straight Catheter kit CODE	Pre-curved Catheter kit CODE	Fr. Size	Tip to cuff	Total Length
P2TC-0810-K	P2TC-0810-KPC	8	10 Cm	13 Cm
P2TC-0812-K	P2TC-0812-KPC	8	12 Cm	15 Cm
P2TC-1013-K	P2TC-1012-KPC	10	12 Cm	15 Cm
P2TC-1015-K	P2TC-1015-KPC	10	15 Cm	18 Cm
P2TC-1216-K	P2TC-1216-KPC	12	16 Cm	21 Cm
P2TC-1219-K	P2TC-1219-KPC	12	19 Cm	24 Cm
P2TC-1419-K	P2TC-1419-KPC	14	19 Cm	24 Cm
P2TC-1423-K	P2TC-1423-KPC	14	23 Cm	28 Cm
P2TC-1427-K	P2TC-1427-KPC	14	27 Cm	32 Cm
P2TC-1431-K	P2TC-1431-KPC	14	31 Cm	36 Cm
P2TC-1435-K	P2TC-1435-KPC	14	35 Cm	40 Cm
P2TC-1450-K	P2TC-1450-KPC	14	50 Cm	55 Cm
P2TC-1619-K	P2TC-1619-KPC	16	19 Cm	24 Cm
P2TC-1623-K	P2TC-1623-KPC	16	23 Cm	28 Cm
P2TC-1627-K	P2TC-1627-KPC	16	27 Cm	32 Cm
P2TC-1631-K	P2TC-1631-KPC	16	31 Cm	36 Cm
P2TC-1635-K	P2TC-1635-KPC	16	35 Cm	40 Cm
P2TC-1650-K	P2TC-1650-KPC	16	50 Cm	55 Cm



Kit Contains

- Permthane long term Dual lumen Radiopaque polyurethane haemodialysis catheter with Stepped tip.
- needle with echogenic tip (safety needle optional)
- Syringe
- Guiding Y connector
- J end Nitinol guide wire
- Mini scalpel (safety scalpel optional).
- Hydrophilic coated dilator
- peelable sheath introducers (option) with valve.
- blunt curve tunneler with sleeve.
- Arterial extension line (red)
- venous extension line (blue)
- Catheter fixation adhesive
- injection caps

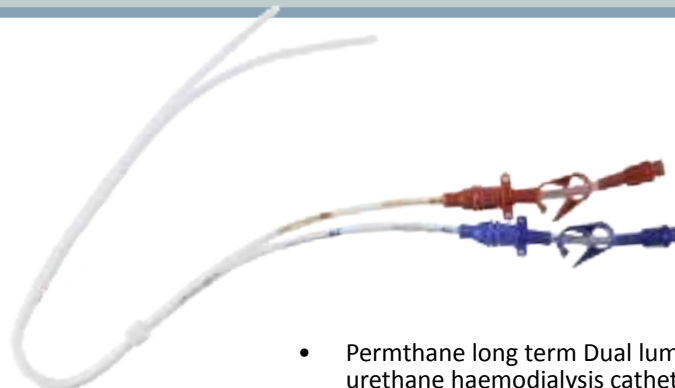
1.3.5. X- Split catheters

Features and Properties

The split catheter design provides easy catheter insertion by a single tunneling procedure, through use of one outer wall configuration that ends with two fully independent catheter tubes which are joined together but can be separated by splitting. This enhances the free floating of each lumen.

Ordering Information:

Straight Catheter kit CODE	Pre-curved Catheter kit CODE	Fr. Size	Tip to cuff	Total Length
PXDLC-1216-K	PXDLC-1216-KPC	12	16 Cm	21 Cm
PXDLC-1219-K	PXDLC-1219-KPC	12	19 Cm	24 Cm
PXDLC-1419-K	PXDLC-1419-KPC	14	19 Cm	24 Cm
PXDLC-1423-K	PXDLC-1423-KPC	14	23 Cm	28 Cm
PXDLC-1427-K	PXDLC-1427-KPC	14	27 Cm	32 Cm
PXDLC-1431-K	PXDLC-1431-KPC	14	31 Cm	36 Cm
PXDLC-1435-K	PXDLC-1435-KPC	14	35 Cm	40 Cm
PXDLC-1450-K	PXDLC-1450-KPC	14	50 Cm	55 Cm
PXDLC-1619-K	PXDLC-1619-KPC	16	19 Cm	24 Cm
PXDLC-1623-K	PXDLC-1623-KPC	16	23 Cm	28 Cm
PXDLC-1627-K	PXDLC-1627-KPC	16	27 Cm	32 Cm
PXDLC-1631-K	PXDLC-1631-KPC	16	31 Cm	36 Cm
PXDLC-1635-K	PXDLC-1635-KPC	16	35 Cm	40 Cm
PXDLC-1650-K	PXDLC-1650-KPC	16	50 Cm	55 Cm



Kit Contains

- Permthane long term Dual lumen Radiopaque polyurethane haemodialysis catheter with Split tip.
- needle with echogenic tip (safety needle optional)
- Syringe
- Guiding Y connector
- J end Nitinol guide wire
- Mini scalpel (safety scalpel optional)
- Hydrophilic coated dilator
- peelable sheath introducer (option) with valve.
- blunt curve tunnela with sleeve.
- Arterial extension line (red)
- venous extension line (blue)
- catheter fixation adhesive
- injection caps
- flushing connector.

1.3.6. One Tube catheters

Features and Properties

Made from biocompatible Permthane (Carbothane) polyurethane material. Open tip design guarantees soft contact with vessel intima. Equipped with inner stylet to facilitate catheter placement. Coned Polyester cuff to prevent its dragging during implantation and to ensure proper anchoring of catheter to subcutaneous tissue.

Package contains 2 different catheter kits for blood intake and for venous return.

CATHETER FEATURES:

- Female luer and extension line assemblies are provided to be assembled to catheter after retrograde tunneling.
- Each catheter provides flow rate up to 400 ml/min.
- Catheters extensions are Length marked with priming volume indication.

Ordering Information:

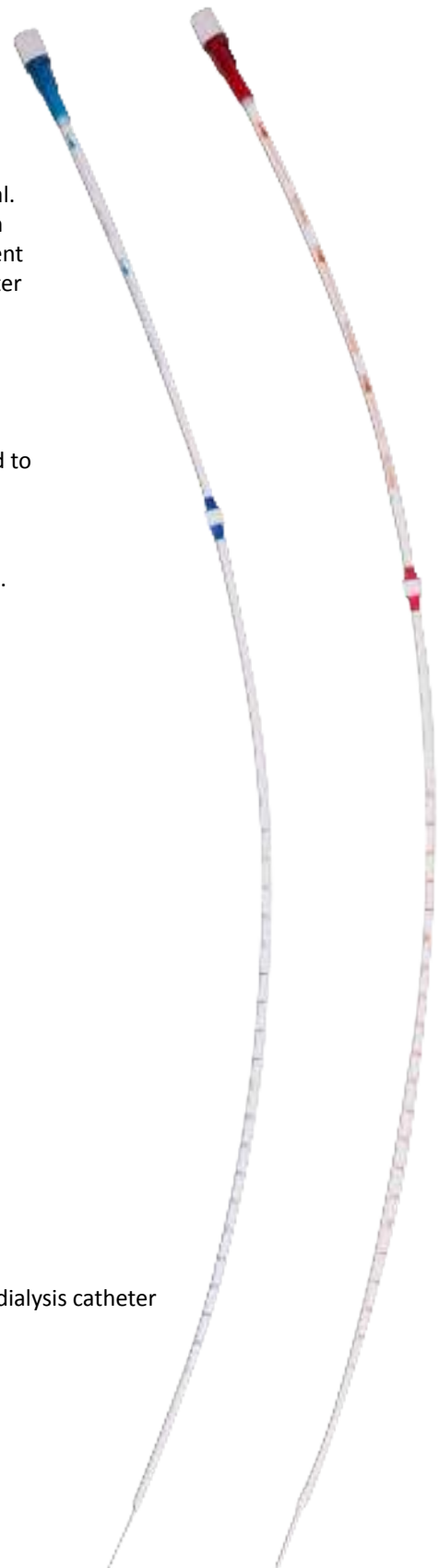
Fr. Size	Tip to cuff length	2 KITS PACK CODE
10	A(18 Cm), V(21 Cm)	P1TC-1021-KAV
10	A(22 Cm), V(25 Cm)	P1TC-1025-KAV
10	A(27 Cm), V(30 Cm)	P1TC-1030-KAV
10	A(32 Cm), V(35 Cm)	P1TC-1035-KAV

Package contains

- (1) Arterial Catheter Kit.
- (1) Venous Catheter Kit.

Each Kit Contains:

- Permthane long term single lumen Radiopaque polyurethane haemodialysis catheter
- Catheter reinforced inner stylet
- needle with echogenic tip (safety echogenic needle optional)
- 10 cc Syringe
- Guide wire Guiding Y connector
- J end Nitinol guide wire
- Percutaneous sheath dilator
- Mini scalpel (safety scalpel optional).
- Hydrophilic coated dilator
- peelable sheath introducer (option) with valve.
- blunt curve tunnela with sleeve.
- Arterial or Venous extension line.
- Catheter fixation adhesive
- injection cap



2. Peritoneal Catheters

Available for short and long term.

Suitable for Percutaneous application.

Catheters for long term use, are available in two shapes, Straight and curled.

Both can be equipped with one or two cuffs.

Peritoneal catheters are available in many sizes, total lengths and tip to cuff lengths supplied with luer activated safety valve to ensure repeated hygienic exchanges.

2.1. Acute Peritoneal Catheter

Available for short and long term.

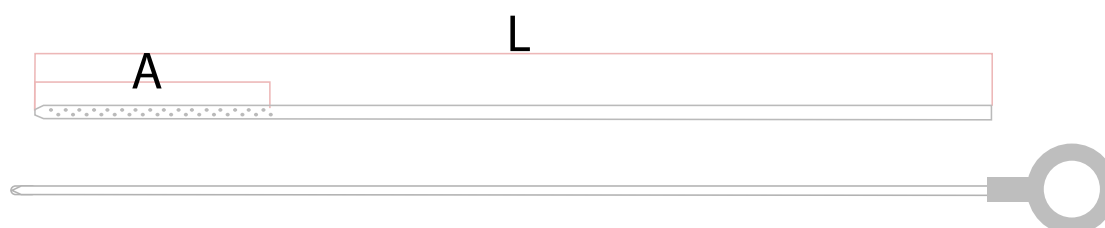
Suitable for Percutaneous application.

Catheters for long term use, are available in two shapes, Straight and curled.

Both can be equipped with one or two cuffs.

Peritoneal catheters are available in many sizes, total lengths and tip to cuff lengths supplied with luer activated safety valve to ensure repeated hygienic exchanges.

ACUTE PERITONEAL CATHETERS



Ordering Information:

CODE	Fr Size	L (cm)	A (cm)
APC-0820	8	20	
APC-1020	10	20	8
APC-1030	10	30	11.5
APC-1230	12	30	



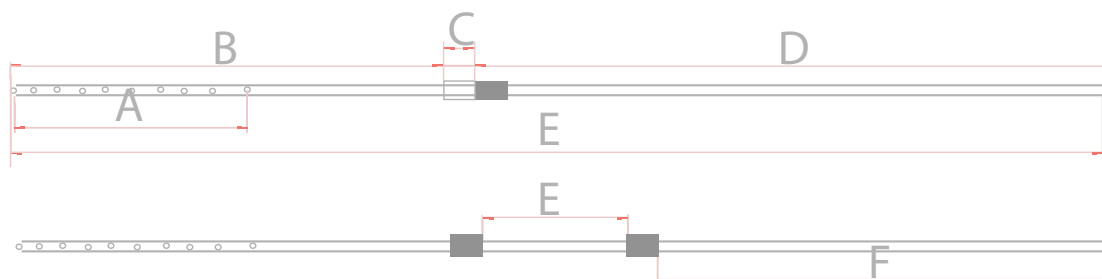
Package Contains:

Acute peritoneal Catheter.

Metallic pointed Stylet. Connection line.

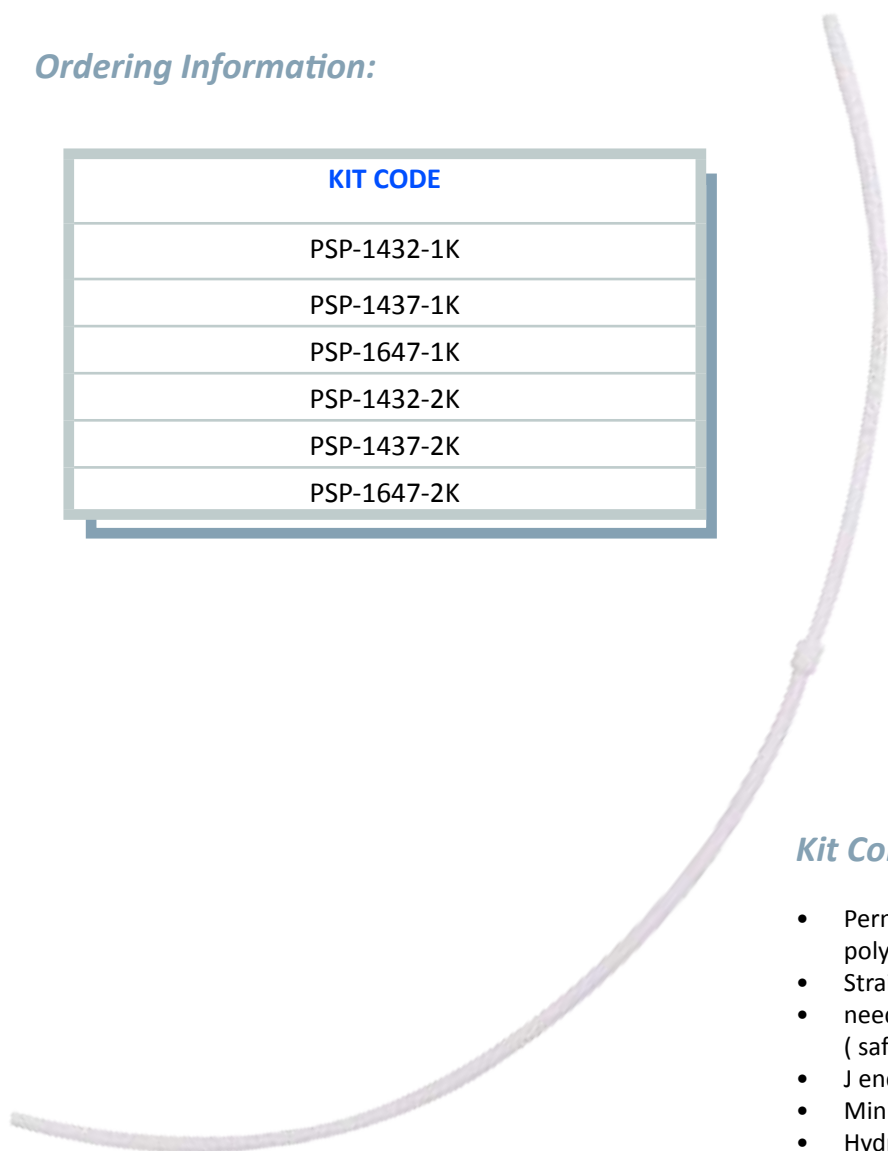
Scalpel

2.2. Permanent Straight Catheter



Ordering Information:

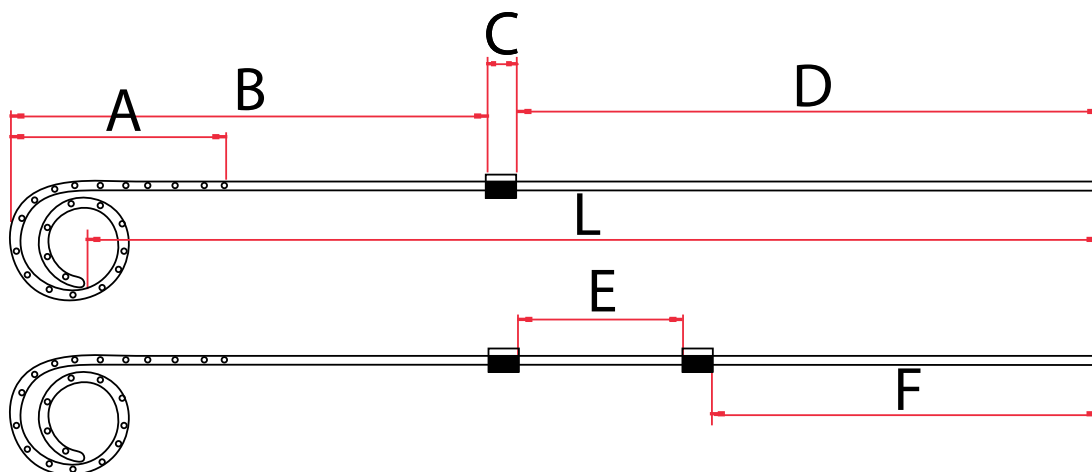
KIT CODE
PSP-1432-1K
PSP-1437-1K
PSP-1647-1K
PSP-1432-2K
PSP-1437-2K
PSP-1647-2K



Kit Contains

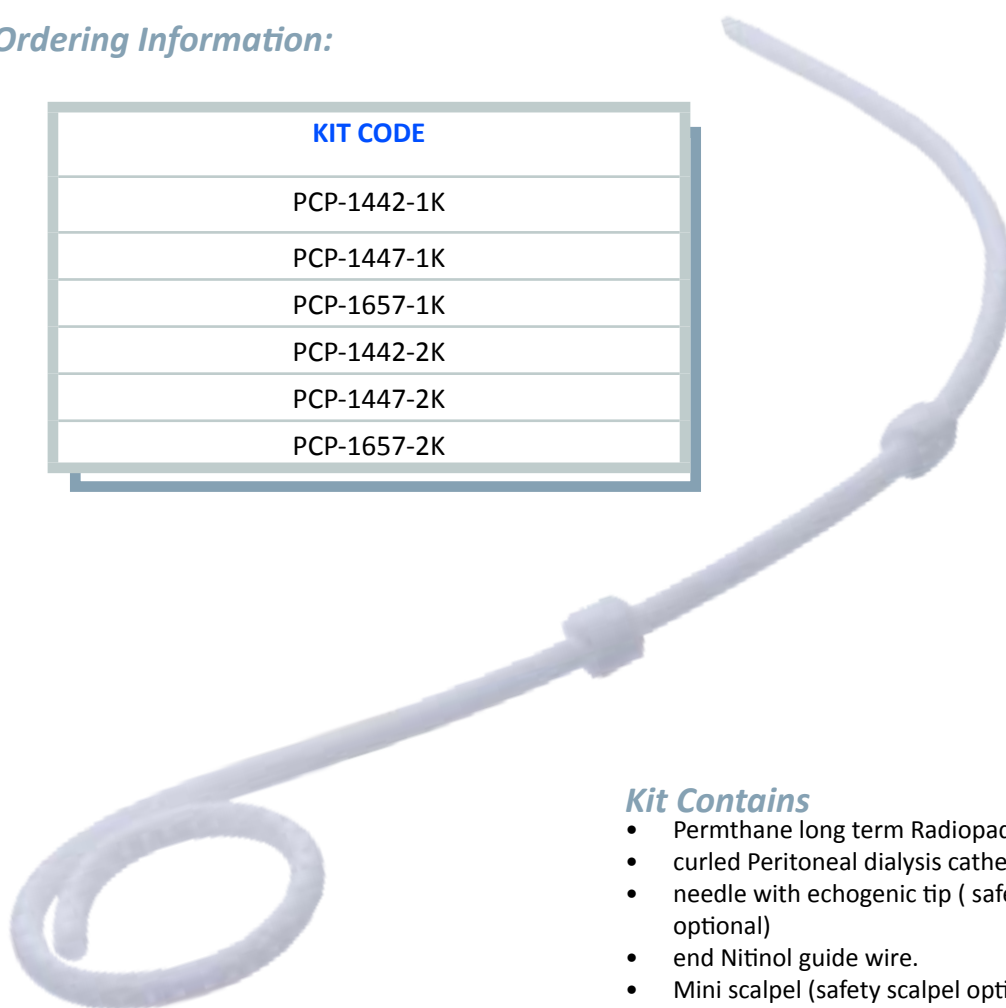
- Permthane long term Radiopaque polyurethane
- Straight Peritoneal dialysis catheter.
- needle with echogenic tip (safety echogenic needle)
- J end Nitinol guide wire.
- Mini scalpel (safety scalpel optional)
- Hydrophilic coated dilator
- peelable sheath introducer.
- blunt curve tunnela with sleeve.
- Luer activated safety valve.
- Clamp.
- Catheter fixation adhesive.

2.3. Permanent Curled Catheter



Ordering Information:

KIT CODE
PCP-1442-1K
PCP-1447-1K
PCP-1657-1K
PCP-1442-2K
PCP-1447-2K
PCP-1657-2K



Kit Contains

- Permthane long term Radiopaque polyurethane
- curled Peritoneal dialysis catheter.
- needle with echogenic tip (safety echogenic needle optional)
- end Nitinol guide wire.
- Mini scalpel (safety scalpel optional)
- Hydrophilic coated dilator
- peelable sheath introducer.
- blunt curve tunnela with sleeve.
- Luer activated safety valve.
- Clamp.
- Catheter fixation adhesive.

3.1. Pediatric Short Term Haemodialysis catheter

Features and Properties

CATHETER FEATURES:

Soft tip, length marked, Small rotating fixation wing. Extension lines stand repeated clamping and declamping. Multiple thread female luer end.

Injection caps.

Variety of sizes and lengths

Available in straight and jugular shape (J shape).

KIT FEATURES:

Nitinol guide wire with advancer.

Long tapered tip dilators with stopper to avoid over insertion. Scalpel # 11 for small snipping.

Y guiding connector (option)

Kit Contains

- Pediatric Dual lumen radiopaque polyurethane catheter
- needle with echogenic tip.
- Syringe.
- Guide wire Guiding Y connector.
- J end Nitinol guide wire.
- Mini scalpel (safety scalpel optional).
- Hydrophilic coated dilator.
- injection caps.



3.1.1. Single Lumen

Ordering Information:

Fr. Size	length	Subclavian kit code	Jugular kit code	PRECURVED KIT CODE
7	10 Cm	SLC-0710-KP	SLC-0710-JKP	SLC-0710-PCKP
7	12 Cm	SLC-0712-KP	SLC-0712-JKP	SLC-0712-PCKP
8	10 Cm	SLC-0810-KP	SLC-0810-JKP	SLC-0810-PCKP
8	12 Cm	SLC-0812-KP	SLC-0812-JKP	SLC-0812-PCKP
8	15 Cm	SLC-0815-KP	SLC-0815-JKP	SLC-0815-PCKP
8	20 Cm	SLC-0820-KP	SLC-0820-JKP	SLC-0820-PCKP

3.1.2. Double Lumen

Ordering Information:

Fr. Size	length	Subclavian kit code	Jugular kit code
6	8 Cm	DLC-0608-KP	
7	10 Cm	DLC-0710-KP	DLC-0710-JKP
8	13 Cm	DLC-0713-KP	DLC-0713-JKP
8	10 Cm	DLC-0810-KP	DLC-0810-JKP
8	13 Cm	DLC-0813-KP	DLC-0813-JKP

3.2. Pediatric Long Term Haemodialysis catheter

The Amecath pediatric Permthane Cuffed haemodialysis catheters are chronic, dual lumen, radiopaque, polyurethane catheters with a polyester cuff. The cuff promotes tissue in-growth for fixation of the catheter in a subcutaneous tunnel. The catheters are consisting of dual lumen catheter tube that has stepped tip and ends

Through special manufacturing process twin tubes are formed to create one dual lumen catheter. Each lumen is continuing from catheter tip to catheter end without interruption by hub or connector the result is laminar flow at both lumen.

The catheter proximal ends are equipped with swabable female luer valve.

Made from biocompatible Permthane (Carbothane) material. The Unique tip design guarantee soft contact and long patency.

Ordering Information:

Fr. Size	tip to cuff length	Total length	Kit code
8	9 cm	12 cm	P2TC-0809-KV
8	12 cm	15 cm	P2TC-0812-KV
8	15 cm	18 cm	P2TC-0815-KV
10	9 cm	12 cm	P2TC-1009-KV
10	13 cm	17 cm	P2TC-1013-KV
10	15 cm	19 cm	P2TC-1015-KV
10	19 cm	23 cm	P2TC-1019-KV
12	24 cm	28 cm	P2TC-1224-KV
12	28 cm	32 cm	P2TC-1228-KV

Kit Contains

- Permthane long term pediatric Dual lumen radiopaque polyurethane
- needle with echogenic tip
- Syringe.
- Guide wire Guiding Y connector
- J end Nitinol guide wire
- Mini scalpel (safety scalpel optional)
- Hydrophilic coated dilator
- Tearaway sheath dilator
- Tunneling tools
- Catheter fixation adhesive
- injection caps



4.1. Coated and Non-coated Dilators

Description:

Tubular device used for dilating the percutaneous opening into a blood vessel. It has tapered distal end and proximal end welded to a hub.

Hydrophilic coating is available to add more smoothness to the dilatation procedure



BENEFITS:

Long tapered TIP Rounded Tip (radius)

MATERIAL:

Tube Polypropylene or Polyethylene or Polyurethane
Hub ABS

VERSIONS:

Available sizes (4 Fr. To 16 Fr.)

Non-Coated

Size Fr	Tube Color	length Cm	Matched guide wire	Non coated Codes	Coated codes	Tube Color
4	Red	10	0.018"	DIL-041018	DIL-041018-H	White
4	Red	10	0.021"	DIL-041021	DIL-041021-H	White
5	Grey	10	0.021"	DIL-051021	DIL-051021-H	White
6	Green	12	0.021"	DIL-061221	DIL-061221-H	White
6	Green	12	0.028"	DIL-061228	DIL-061228-H	White
6	Green	12	0.035"	DIL-061235	DIL-061235-H	White
7	Orange	12	0.032"	DIL-071232	DIL-071232-H	White
7	Orange	12	0.035"	DIL-071235	DIL-071235-H	White
8	Dark Blue	12	0.032"	DIL-081232	DIL-081232-H	White
8	Dark Blue	12	0.035"	DIL-081235	DIL-081235-H	White
9	Light Blue	12	0.035"	DIL-091222	DIL-091222-H	White
10	Light Blue	12	0.035"	DIL-101222	DIL-101222-H	Light Blue
12	Light Blue	12	0.035"	DIL-121222	DIL-121222-H	Light Blue
14	Light Blue	12	0.035"	DIL-141222	DIL-141222-H	Light Blue
16	Light Blue	12	0.035"	DIL-161222	DIL-161222-H	Light Blue

4.2. Guide Wire Scale Dispenser

Description:

A calibrated housing used as dispenser and advancer for guidewires. The housing readily permits the physician to accurately advance the guide wire a desired length into the patient. The distal end of the guide wire aligns with a reading on the housing that correlated with the advanced length. The housing is equipped with thumb roller to improve advancing control and to exert friction to prevent spontaneous slippage of the guide wire before or during use..

BENEFITS:

Avoid unseen, missed or wrong interpretation of length markings over the guide wire
Work with non length marked guide wires
Easier controlled advancement of guide wires without accidental slippage.

FEATURES:

Compact one piece to prevent disassembly and damage during transit, storage and use
Light weight
Transparent
Readable at both sides (for right or left handed users)
Numbering every 5 Cm Marking every 1 Cm..

MATERIAL:

House and roller are made from Polypropylene Cap is made from semi rigid P.V.C

DIMENSIONS:

Outer Diameter 11.4 Cm Inner Diameter 8.8 Cm Weight 30 Gm

VERSIONS:

GWSD-5 for 50 Cm Guidewires
GWSD-6 for 60 Cm Guidewires
GWSD-7 for 70 Cm Guidewires



4.3. Guiding Syringe

Description:

A syringe-type device for inserting a catheter guide wire into a blood vessel includes a syringe in which the plunger has a central passage extending through it. A thin guiding tube with lateral holes is fixed to the syringe barrel tip and fits slidably in the central passage of the plunger. The plunger central passage is normally blocked by a closure valve.

When The needle is inserted into the blood vessel, plunger is then withdrawn somewhat to permit blood to be observed in the body of the syringe for verification of proper needle positioning. The guide wire advancer piece of the guide wire assembly is introduced and pushed inside the central tunnel of silicon valve. The piece will hold the advancer to work together as one piece. The tip of the advancer or the guide wire dispenser should first open the slot cut at of the valve . In this position, the central passage of the guide wire advancer is aligned and in communication with central passage of the plunger, the guiding thin tube and the needle lumen. The guide wire may then be fed into the blood vessel by advancing it through the central passage of the guide tube and the needle lumen.

BENEFITS:

- Complete haemostatic advancement of guide wire into vessels
- Avoid possible kinking of the guide wire while passing the valve.
- Work with any guide wire size including the thin or fragile types
- Keep the sensation of passing the wire into the vein with a feeling of any slight resistance
- Detect arterial mis puncture through viewing the arterial pulsation at its piston pass way.

FEATURES:

- Can be used as a standard syringe to inject or aspirate
- Light weight
- Transparent piston

MATERIAL:

- Plunger is made from Polypropylene
- Piston & tube are made from Polycarbonate Valves is made from Silicon

VERSIONS:

- GNS-5 (5 CC syringe with transparent piston)
- GNS-5B (5 CC syringe with blue piston)



4.4. Guiding Y Connector

Description:

Y shape connector device for inserting a catheter guide wire into a blood vessel includes a Y shape connector. The connector have a male slip at one arm terminal, a male luer at a second arm terminal while the third arm is blocked by a closure valve to prevent passage of fluid through the guide passage during flushing or aspirating of the catheter introduction syringe . The silicon valve piece has inside tunnel that end with a slot cut. The Y connector is to be attached to introducer needle at the male slip arm and to a traditional syringe at the male luer arm.

When the needle is inserted into the blood vessel, the plunger of the standard syringe is then withdrawn somewhat to permit blood to be observed in the body of the syringe for verification of proper needle positioning. The guide wire advancer of the guide wire dispenser is introduced and pushed inside the central tunnel of the silicon valve. The piece will hold the advancer to work together as one piece. The tip of the advancer of the guide wire dispenser should first open the slot cut at the U shaped silicon piece. In this position, the central passage of the guide wire advancer is aligned and in communication with central passage of the Y connector and the needle lumen. The guide wire may then be fed into the blood vessel by advancing it through the central passage of Y connector and the needle lumen. In another version the male slip arm occupy an introducer needle.

BENEFITS:

Complete haemostatic advancement of guide wire into vessels

Avoid possible kinking of the guide wire while passing the valve.

Work with any guide wire size including the thin or fragile types

Better manipulation than guiding syringe especially in pediatric use.Keep the sensation of passing the wire into the vein with a feeling of any slight resistance

FEATURES:

Light weight Transparent

MATERIAL:

Y connector is made from co polyester Valves is made from Silicon

VERSIONS:

GYC (Guiding Y Connector)

GYC-1807 (Guiding Y Connector with needle G18 x 7 Cm)

GYC-2004 (Guiding Y Connector with needle G20 x 4 Cm)



4.5. Unifix and Unifix Lok



Unifix

Hypoallergenic tube fixation adhesive
Suturless fixation device
Fix most of the tube sizes
Code UNF-T



Unifix Lok

Hypoallergenic Catheter hub fixation adhesive
Suturless fixation device
suitable for many catheter hub shapes
Code UNF-L

CENTRAL VENOUS CATHETERS

*Catheters
form
Doctors to Doctors*



hemoclean®

CENTRAL VENOUS

Catheters

1. Adult Central Venous Catheters

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1.1. Multi-Lumen Central Venous Catheter Kits

- Made from polyurethane.
- Smooth outer surface.
- Mirror like inner surface.
- Length marked anti kink.
- Soft tip.
- Tube profiles guarantee satisfactory flow in every lumen.

Features and Properties

CATHETER FEATURES:

Soft tip.

Length marked.

Priming Volume and flow rate are indicated.

Extension lines stand repeated clamping and declamping Multiple thread female luer end.

Variety of sizes, lengths and shapes.

pressure resistant in some types.

KIT FEATURES

Kits have many variable contents to provide ease and satisfactory catheter placement

The basic kits contain the following accessories:

- polyurethane Catheter
- Fixation wing
- introducer needle
- Guide wire in scaled dispenser
- dilator
- scalpel
- caps

Some other kits contains same accessories in different configuration or extra components

- Over the needle catheter (O)
- Guiding syringe (GS)
- Guiding Y connector (GY)
- Nitinol Guide Wire (N)
- End valves (V)
- EKG cable (E)

Catheter kit including introducer needle, 5 cc syringe, stainless guide wire, scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-K				
5	17	CSLC-0517-K				
5	20	CSLC-0520-K				
6	15	CSLC-0615-K	CDLC-0615-K	CTLC-0615-K		
6	17	CSLC-0617-K	CDLC-0617-K	CTLC-0617-K		
6	20	CSLC-0620-K	CDLC-0620-K	CTLC-0620-K		
7	15	CSLC-0715-K	CDLC-0715-K	CTLC-0715-K	CQLC-0715-K	CPLC-0715-K
7	17	CSLC-0717-K	CDLC-0717-K	CTLC-0717-K	CQLC-0717-K	CPLC-0717-K
7	20	CSLC-0720-K	CDLC-0720-K	CTLC-0720-K	CQLC-0720-K	CPLC-0720-K
7	30	CSLC-0730-K	CDLC-0730-K	CTLC-0730-K	CQLC-0730-K	CPLC-0730-K
8	15	CSLC-0815-K	CDLC-0815-K	CTLC-0815-K	CQLC-0815-K	CPLC-0815-K
8	17	CSLC-0817-K	CDLC-0817-K	CTLC-0817-K	CQLC-0817-K	CPLC-0817-K
8	20	CSLC-0820-K	CDLC-0820-K	CTLC-0820-K	CQLC-0820-K	CPLC-0820-K
8	30	CSLC-0830-K	CDLC-0830-K	CTLC-0830-K	CQLC-0830-K	CPLC-0830-K
8.5	15				CQLC-08.515-K	CPLC-08.515-K
8.5	17				CQLC-08.517-K	CPLC-08.517-K
8.5	20				CQLC-08.520-K	CPLC-08.520-K
8.5	30				CQLC-08.530-K	CPLC-08.530-K
9	15				CQLC-0915-K	CPLC-0915-K
9	17				CQLC-0917-K	CPLC-0917-K
9	20				CQLC-0920-K	CPLC-0920-K
9	30				CQLC-0930-K	CPLC-0930-K



Catheter kit including introducer needle, 5 cc guiding syringe(GS) , stainless guide wire, scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KGS				
5	17	CSLC-0517-KGS				
5	20	CSLC-0520-KGS				
6	15	CSLC-0615-KGS	CDLC-0615-KGS	CTLC-0615-KGS		
6	17	CSLC-0617-KGS	CDLC-0617-KGS	CTLC-0617-KGS		
6	20	CSLC-0620-KGS	CDLC-0620-KGS	CTLC-0620-KGS		
7	15	CSLC-0715-KGS	CDLC-0715-KGS	CTLC-0715-KGS	CQLC-0715-KGS	CPLC-0715-KGS
7	17	CSLC-0717-KGS	CDLC-0717-KGS	CTLC-0717-KGS	CQLC-0717-KGS	CPLC-0717-KGS
7	20	CSLC-0720-KGS	CDLC-0720-KGS	CTLC-0720-KGS	CQLC-0720-KGS	CPLC-0720-KGS
7	30	CSLC-0730-KGS	CDLC-0730-KGS	CTLC-0730-KGS	CQLC-0730-KGS	CPLC-0730-KGS
8	15	CSLC-0815-KGS	CDLC-0815-KGS	CTLC-0815-KGS	CQLC-0815-KGS	CPLC-0815-KGS
8	17	CSLC-0817-KGS	CDLC-0817-KGS	CTLC-0817-KGS	CQLC-0817-KGS	CPLC-0817-KGS
8	20	CSLC-0820-KGS	CDLC-0820-KGS	CTLC-0820-KGS	CQLC-0820-KGS	CPLC-0820-KGS
8	30	CSLC-0830-KGS	CDLC-0830-KGS	CTLC-0830-KGS	CQLC-0830-KGS	CPLC-0830-KGS
8.5	15				CQLC-08.515-KGS	CPLC-08.515-KGS
8.5	17				CQLC-08.517-KGS	CPLC-08.517-KGS
8.5	20				CQLC-08.520-KGS	CPLC-08.520-KGS
8.5	30				CQLC-08.530-KGS	CPLC-08.530-KGS
9	15				CQLC-0915-KGS	CPLC-0915-KGS
9	17				CQLC-0917-KGS	CPLC-0917-KGS
9	20				CQLC-0920-KGS	CPLC-0920-KGS
9	30				CQLC0930-KGS	CPLC-0930-KGS



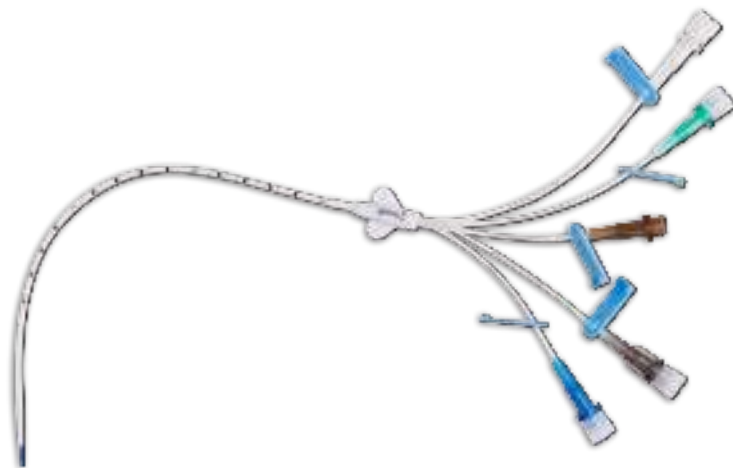
Catheter kit including over the needle catheter (O), 5 cc syringe , stainless guide wire, scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KO				
5	17	CSLC-0517-KO				
5	20	CSLC-0520-KO				
6	15	CSLC-0615-KO	CDLC-0615-KO	CTLC-0615-KO		
6	17	CSLC-0617-KO	CDLC-0617-KO	CTLC-0617-KO		
6	20	CSLC-0620-KO	CDLC-0620-KO	CTLC-0620-KO		
7	15	CSLC-0715-KO	CDLC-0715-KO	CTLC-0715-KO	CQLC-0715-KO	CPLC-0715-KO
7	17	CSLC-0717-KO	CDLC-0717-KO	CTLC-0717-KO	CQLC-0717-KO	CPLC-0717-KO
7	20	CSLC-0720-KO	CDLC-0720-KO	CTLC-0720-KO	CQLC-0720-KO	CPLC-0720-KO
7	30	CSLC-0730-KO	CDLC-0730-KO	CTLC-0730-KO	CQLC-0730-KO	CPLC-0730-KO
8	15	CSLC-0815-KO	CDLC-0815-KO	CTLC-0815-KO	CQLC-0815-KO	CPLC-0815-KO
8	17	CSLC-0817-KO	CDLC-0817-KO	CTLC-0817-KO	CQLC-0817-KO	CPLC-0817-KO
8	20	CSLC-0820-KO	CDLC-0820-KO	CTLC-0820-KO	CQLC-0820-KO	CPLC-0820-KO
8	30	CSLC-0830-KO	CDLC-0830-KO	CTLC-0830-KO	CQLC-0830-KO	CPLC-0830-KO
8.5	15				CQLC-08.515-KO	CPLC-08.515-KO
8.5	17				CQLC-08.517-KO	CPLC-08.517-KO
8.5	20				CQLC-08.520-KO	CPLC-08.520-KO
8.5	30				CQLC-08.530-KO	CPLC-08.530-KO
9	15				CQLC-0915-KO	CPLC-0915-KO
9	17				CQLC-0917-KO	CPLC-0917-KO
9	20				CQLC-0920-KO	CPLC-0920-KO
9	30				CQLC-0930-KO	CPLC-0930-KO



Catheter kit including introducer needle, 5 cc syringe, nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KN				
5	17	CSLC-0517-KN				
5	20	CSLC-0520-KN				
6	15	CSLC-0615-KN	CDLC-0615-KN	CTLC-0615-KN		
6	17	CSLC-0617-KN	CDLC-0617-KN	CTLC-0617-KN		
6	20	CSLC-0620-KN	CDLC-0620-KN	CTLC-0620-KN		
7	15	CSLC-0715-KN	CDLC-0715-KN	CTLC-0715-KN	CQLC-0715-KN	CPLC-0715-KN
7	17	CSLC-0717-KN	CDLC-0717-KN	CTLC-0717-KN	CQLC-0717-KN	CPLC-0717-KN
7	20	CSLC-0720-KN	CDLC-0720-KN	CTLC-0720-KN	CQLC-0720-KN	CPLC-0720-KN
7	30	CSLC-0730-KN	CDLC-0730-KN	CTLC-0730-KN	CQLC-0730-KN	CPLC-0730-KN
8	15	CSLC-0815-KN	CDLC-0815-KN	CTLC-0815-KN	CQLC-0815-KN	CPLC-0815-KN
8	17	CSLC-0817-KN	CDLC-0817-KN	CTLC-0817-KN	CQLC-0817-KN	CPLC-0817-KN
8	20	CSLC-0820-KN	CDLC-0820-KN	CTLC-0820-KN	CQLC-0820-KN	CPLC-0820-KN
8	30	CSLC-0830-KN	CDLC-0830-KN	CTLC-0830-KN	CQLC-0830-KN	CPLC-0830-KN
8.5	15				CQLC-08.515-KN	CPLC-08.515-KN
8.5	17				CQLC-08.517-KN	CPLC-08.517-KN
8.5	20				CQLC-08.520-KN	CPLC-08.520-KN
8.5	30				CQLC-08.530-KN	CPLC-08.530-KN
9	15				CQLC-0915-KN	CPLC-0915-KN
9	17				CQLC-0917-KN	CPLC-0917-KN
9	20				CQLC-0920-KN	CPLC-0920-KN
9	30				CQLC-0930-KN	CPLC-0930-KN



Catheter kit including introducer needle, 5 cc Guiding syringe (GS), nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KGSN				
5	17	CSLC-0517-KGSN				
5	20	CSLC-0520-KGSN				
6	15	CSLC-0615-KGSN	CDLC-0615-KGSN	CTLC-0615-KGSN		
6	17	CSLC-0617-KGSN	CDLC-0617-KGSN	CTLC-0617-KGSN		
6	20	CSLC-0620-KGSN	CDLC-0620-KGSN	CTLC-0620-KGSN		
7	15	CSLC-0715-KGSN	CDLC-0715-KGSN	CTLC-0715-KGSN	CQLC-0715-KGSN	CPLC-0715-KGSN
7	17	CSLC-0717-KGSN	CDLC-0717-KGSN	CTLC-0717-KGSN	CQLC-0717-KGSN	CPLC-0717-KGSN
7	20	CSLC-0720-KGSN	CDLC-0720-KGSN	CTLC-0720-KGSN	CQLC-0720-KGSN	CPLC-0720-KGSN
7	30	CSLC-0730-KGSN	CDLC-0730-KGSN	CTLC-0730-KGSN	CQLC-0730-KGSN	CPLC-0730-KGSN
8	15	CSLC-0815-KGSN	CDLC-0815-KGSN	CTLC-0815-KGSN	CQLC-0815-KGSN	CPLC-0815-KGSN
8	17	CSLC-0817-KGSN	CDLC-0817-KGSN	CTLC-0817-KGSN	CQLC-0817-KGSN	CPLC-0817-KGSN
8	20	CSLC-0820-KGSN	CDLC-0820-KGSN	CTLC-0820-KGSN	CQLC-0820-KGSN	CPLC-0820-KGSN
8	30	CSLC-0830-KGSN	CDLC-0830-KGSN	CTLC-0830-KGSN	CQLC-0830-KGSN	CPLC-0830-KGSN
8.5	15				CQLC-08.515-KGSN	CPLC-08.515-KGSN
8.5	17				CQLC-08.517-KGSN	CPLC-08.517-KGSN
8.5	20				CQLC-08.520-KGSN	CPLC-08.520-KGSN
8.5	30				CQLC-08.530-KGSN	CPLC-08.530-KGSN
9	15				CQLC-0915-KGSN	CPLC-0915-KGSN
9	17				CQLC-0917-KGSN	CPLC-0917-KGSN
9	20				CQLC-0920-KGSN	CPLC-0920-KGSN
9	30				CQLC-0930-KGSN	CPLC-0930-KGSN

Catheter kit including over the needle catheter (O), 5 cc syringe , nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KNO				
5	17	CSLC-0517-KNO				
5	20	CSLC-0520-KNO				
6	15	CSLC-0615-KNO	CDLC-0615-KNO	CTLC-0615-KNO		
6	17	CSLC-0617-KNO	CDLC-0617-KNO	CTLC-0617-KNO		
6	20	CSLC-0620-KNO	CDLC-0620-KNO	CTLC-0620-KNO		
7	15	CSLC-0715-KNO	CDLC-0715-KNO	CTLC-0715-KNO	CQLC-0715-KNO	CPLC-0715-KNO
7	17	CSLC-0717-KNO	CDLC-0717-KNO	CTLC-0717-KNO	CQLC-0717-KNO	CPLC-0717-KNO
7	20	CSLC-0720-KNO	CDLC-0720-KNO	CTLC-0720-KNO	CQLC-0720-KNO	CPLC-0720-KNO
7	30	CSLC-0730-KNO	CDLC-0730-KNO	CTLC-0730-KNO	CQLC-0730-KNO	CPLC-0730-KNO
8	15	CSLC-0815-KNO	CDLC-0815-KNO	CTLC-0815-KNO	CQLC-0815-KNO	CPLC-0815-KNO
8	17	CSLC-0817-KNO	CDLC-0817-KNO	CTLC-0817-KNO	CQLC-0817-KNO	CPLC-0817-KNO
8	20	CSLC-0820-KNO	CDLC-0820-KNO	CTLC-0820-KNO	CQLC-0820-KNO	CPLC-0820-KNO
8	30	CSLC-0830-KNO	CDLC-0830-KNO	CTLC-0830-KNO	CQLC-0830-KNO	CPLC-0830-KNO
8.5	15				CQLC-08.515-KNO	CPLC-08.515-KNO
8.5	17				CQLC-08.517-KNO	CPLC-08.517-KNO
8.5	20				CQLC-08.520-KNO	CPLC-08.520-KNO
8.5	30				CQLC-08.530-KNO	CPLC-08.530-KNO
9	15				CQLC-0915--KNO	CPLC-0915-KNO
9	17				CQLC-0917-KNO	CPLC-0917-KNO
9	20				CQLC-0920-KNO	CPLC-0920-KNO
9	30				CQLC-0930-KNO	CPLC-0930-KNO

Catheter kit including introducer needle, 5 cc Guiding syringe (GS), nitinol guide wire (N), scalpel, vessel dilator, end valve (V)

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KGSNV				
5	17	CSLC-0517-KGSNV				
5	20	CSLC-0520-KGSNV				
6	15	CSLC-0615-KGSNV	CDLC-0615-KGSNV	CTLC-0615-KGSNV		
6	17	CSLC-0617-KGSNV	CDLC-0617-KGSNV	CTLC-0617-KGSNV		
6	20	CSLC-0620-KGSNV	CDLC-0620-KGSNV	CTLC-0620-KGSNV		
7	15	CSLC-0715-KGSNV	CDLC-0715-KGSNV	CTLC-0715-KGSNV	CQLC-0715-KGSNV	CPLC-0715-KGSNV
7	17	CSLC-0717-KGSNV	CDLC-0717-KGSNV	CTLC-0717-KGSNV	CQLC-0717-KGSNV	CPLC-0717-KGSNV
7	20	CSLC-0720-KGSNV	CDLC-0720-KGSNV	CTLC-0720-KGSNV	CQLC-0720-KGSNV	CPLC-0720-KGSNV
7	30	CSLC-0730-KGSNV	CDLC-0730-KGSNV	CTLC-0730-KGSNV	CQLC-0730-KGSNV	CPLC-0730-KGSNV
8	15	CSLC-0815-KGSNV	CDLC-0815-KGSNV	CTLC-0815-KGSNV	CQLC-0815-KGSNV	CPLC-0815-KGSNV
8	17	CSLC-0817-KGSNV	CDLC-0817-KGSNV	CTLC-0817-KGSNV	CQLC-0817-KGSNV	CPLC-0817-KGSNV
8	20	CSLC-0820-KGSNV	CDLC-0820-KGSNV	CTLC-0820-KGSNV	CQLC-0820-KGSNV	CPLC-0820-KGSNV
8	30	CSLC-0830-KGSNV	CDLC-0830-KGSNV	CTLC-0830-KGSNV	CQLC-0830-KGSNV	CPLC-0830-KGSNV
8.5	15				CQLC-08.515-KGSNV	CPLC-08.515-KGSNV
8.5	17				CQLC-08.517-KGSNV	CPLC-08.517-KGSNV
8.5	20				CQLC-08.520-KGSNV	CPLC-08.520-KGSNV
8.5	30				CQLC-08.530-KGSNV	CPLC-08.530-KGSNV
9	15				CQLC-0915-KGSNV	CPLC-0915-KGSNV
9	17				CQLC-0917-KGSNV	CPLC-0917-KGSNV
9	20				CQLC-0920-KGSNV	CPLC-0920-KGSNV
9	30				CQLC-0930-KGSNV	CPLC-0930-KGSNV

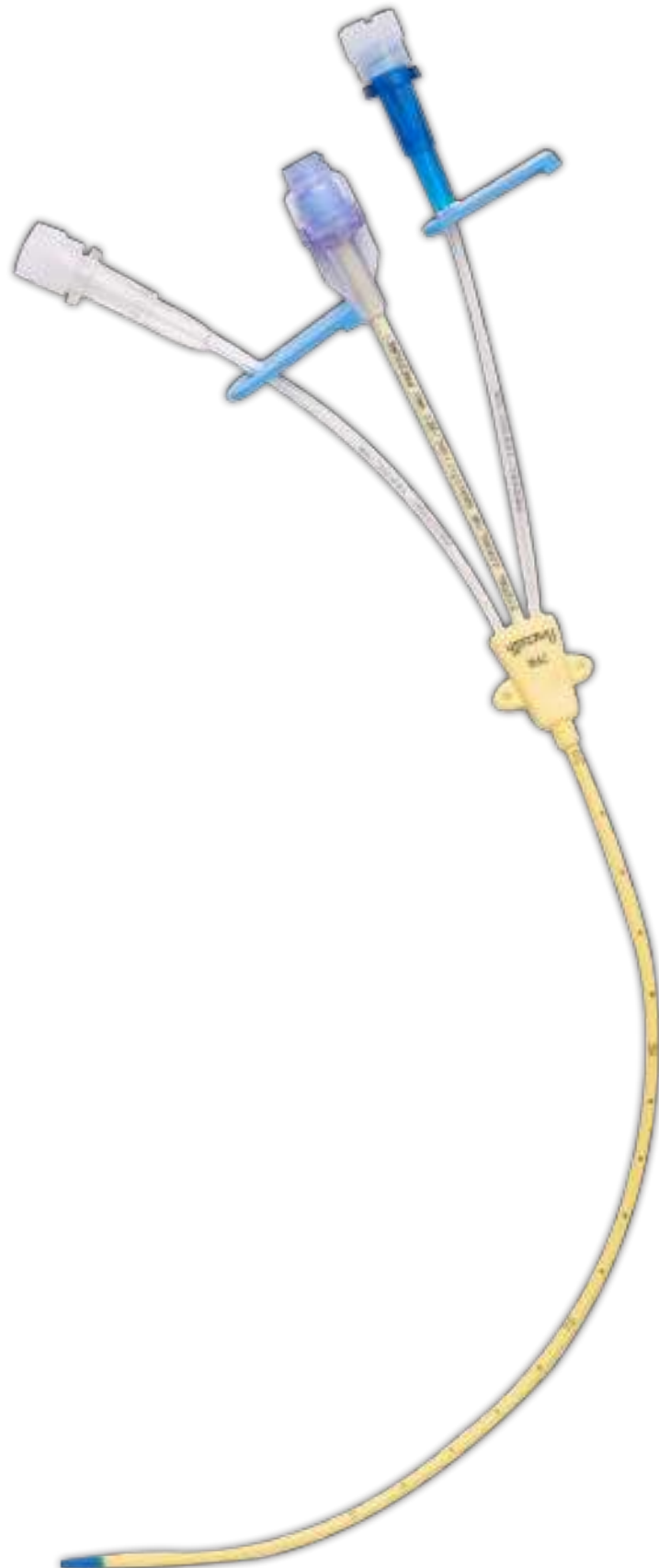
Catheter kit including introducer needle, Guiding Y connector (GY), nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KGYN				
5	17	CSLC-0517-KGYN				
5	20	CSLC-0520-KGYN				
6	15	CSLC-0615-KGYN	CDLC-0615-KGYN	CTLC-0615-KGYN		
6	17	CSLC-0617-KGYN	CDLC-0617-KGYN	CTLC-0617-KGYN		
6	20	CSLC-0620-KGYN	CDLC-0620-KGYN	CTLC-0620-KGYN		
7	15	CSLC-0715-KGYN	CDLC-0715-KGYN	CTLC-0715-KGYN	CQLC-0715-KGYN	CPLC-0715-KGYN
7	17	CSLC-0717-KGYN	CDLC-0717-KGYN	CTLC-0717-KGYN	CQLC-0717-KGYN	CPLC-0717-KGYN
7	20	CSLC-0720-KGYN	CDLC-0720-KGYN	CTLC-0720-KGYN	CQLC-0720-KGYN	CPLC-0720-KGYN
7	30	CSLC-0730-KGYN	CDLC-0730-KGYN	CTLC-0730-KGYN	CQLC-0730-KGYN	CPLC-0730-KGYN
8	15	CSLC-0815-KGYN	CDLC-0815-KGYN	CTLC-0815-KGYN	CQLC-0815-KGYN	CPLC-0815-KGYN
8	17	CSLC-0817-KGYN	CDLC-0817-KGYN	CTLC-0817-KGYN	CQLC-0817-KGYN	CPLC-0817-KGYN
8	20	CSLC-0820-KGYN	CDLC-0820-KGYN	CTLC-0820-KGYN	CQLC-0820-KGYN	CPLC-0820-KGYN
8	30	CSLC-0830-KGYN	CDLC-0830-KGYN	CTLC-0830-KGYN	CQLC-0830-KGYN	CPLC-0830-KGYN
8.5	15				CQLC-08.515-KGYN	CPLC-08.515-KGYN
8.5	17				CQLC-08.517-KGYN	CPLC-08.517-KGYN
8.5	20				CQLC-08.520-KGYN	CPLC-08.520-KGYN
8.5	30				CQLC-08.530-KGYN	CPLC-08.530-KGYN
9	15				CQLC-0915-KGYN	CPLC-0915-KGYN
9	17				CQLC-0917-KGYN	CPLC-0917-KGYN
9	20				CQLC-0920-KGYN	CPLC-0920-KGYN
9	30				CQLC-0930-KGYN	CPLC-0930-KGYN

Catheter kit including introducer needle, Guiding Y connector (GY), nitinol guide wire (N), scalpel, vessel dilator, EKG cable (E)

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KGYNE				
5	17	CSLC-0517-KGYNE				
5	20	CSLC-0520-KGYNE				
6	15	CSLC-0615-KGYNE	CDLC-0615-KGYNE	CTLC-0615-KGYNE		
6	17	CSLC-0617-KGYNE	CDLC-0617-KGYNE	CTLC-0617-KGYNE		
6	20	CSLC-0620-KGYNE	CDLC-0620-KGYNE	CTLC-0620-KGYNE		
7	15	CSLC-0715-KGYNE	CDLC-0715-KGYNE	CTLC-0715-KGYNE	CQLC-0715-KGYNE	CPLC-0715-KGYNE
7	17	CSLC-0717-KGYNE	CDLC-0717-KGYNE	CTLC-0717-KGYNE	CQLC-0717-KGYNE	CPLC-0717-KGYNE
7	20	CSLC-0720-KGYNE	CDLC-0720-KGYNE	CTLC-0720-KGYNE	CQLC-0720-KGYNE	CPLC-0720-KGYNE
7	30	CSLC-0730-KGYNE	CDLC-0730-KGYNE	CTLC-0730-KGYNE	CQLC-0730-KGYNE	CPLC-0730-KGYNE
8	15	CSLC-0815-KGYNE	CDLC-0815-KGYNE	CTLC-0815-KGYNE	CQLC-0815-KGYNE	CPLC-0815-KGYNE
8	17	CSLC-0817-KGYNE	CDLC-0817-KGYNE	CTLC-0817-KGYNE	CQLC-0817-KGYNE	CPLC-0817-KGYNE
8	20	CSLC-0820-KGYNE	CDLC-0820-KGYNE	CTLC-0820-KGYNE	CQLC-0820-KGYNE	CPLC-0820-KGYNE
8	30	CSLC-0830-KGYNE	CDLC-0830-KGYNE	CTLC-0830-KGYNE	CQLC-0830-KGYNE	CPLC-0830-KGYNE
8.5	15				CQLC-08.515-KGYNE	CPLC-08.515-KGYNE
8.5	17				CQLC-08.517-KGYNE	CPLC-08.517-KGYNE
8.5	20				CQLC-08.520-KGYNE	CPLC-08.520-KGYNE
8.5	30				CQLC-08.530-KGYNE	CPLC-08.530-KGYNE
9	15				CQLC-0915-KGYNE	CPLC-0915-KGYNE
9	17				CQLC-0917-KGYNE	CPLC-0917-KGYNE
9	20				CQLC-0920-KGYNE	CPLC-0920-KGYNE
9	30				CQLC-0930-KGYNE	CPLC-0930-KGYNE

1.2. Pressure Resistant central Venous Catheter



Pressure resistance CVC catheters combine the efficacy of PICC access with the efficiency of pressure standing injection for CECT scans.

*“Powerful injection
flow upto 10 ml/sec. at 300 psi”*

Pressure resistant Catheter kit including introducer needle, 5 cc syringe, nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
6	15	PRCSLC-0615-KN	PRCDLC-0615-KN	PRCTL-0615-KN		
6	20	PRCSLC-0620-KN	PRCDLC-0620-KN	PRCTL-0620-KN		
7	15	PRCSLC-0715-KN	PRCDLC-0715-KN	PRCTL-0715-KN		
7	20	PRCSLC-0720-KN	PRCDLC-0720-KN	PRCTL-0720-KN		
8	15	PRCSLC-0815-KN	PRCDLC-0815-KN	PRCTL-0815-KN	PRCQLC-0815-KN	PRCPLC-0815-KN
8	20	PRCSLC-0820-KN	PRCDLC-0820-KN	PRCTL-0820-KN	PRCQLC-0820-KN	PRCPLC-0820-KN
9	15				PRCQLC-0915-KN	PRCPLC-0915-KN
9	20				PRCQLC-0920-KN	PRCPLC-0920-KN

Pressure resistant Catheter kit including introducer needle, 5 cc Guiding syringe (GS), nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
6	15	PRCSLC-0615-KGSN	PRCDLC-0615-KGSN	PRCTL-0615-KGSN		
6	20	PRCSLC-0620-KGSN	PRCDLC-0620-KGSN	PRCTL-0620-KGSN		
7	15	PRCSLC-0715-KGSN	PRCDLC-0715-KGSN	PRCTL-0715-KGSN		
7	20	PRCSLC-0720-KGSN	PRCDLC-0720-KGSN	PRCTL-0720-KGSN		
8	15	PRCSLC-0815-KGSN	PRCDLC-0815-KGSN	PRCTL-0815-KGSN	PRCQLC-0815-KGSN	PRCPLC-0815-KGSN
8	20	PRCSLC-0820-KGSN	PRCDLC-0820-KGSN	PRCTL-0820-KGSN	PRCQLC-0820-KGSN	PRCPLC-0820-KGSN
9	15				PRCQLC-0915-KGSN	PRCPLC-0915-KGSN
9	20				PRCQLC-0920-KGSN	PRCPLC-0920-KGSN

Pressure resistant Catheter kit including introducer needle, 5 cc syringe, nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
6	15	PRCSLC-0615-KNO	PRCDLC-0615-KNO	PRCTL-0615-KNO		
6	20	PRCSLC-0620-KNO	PRCDLC-0620-KNO	PRCTL-0620-KNO		
7	15	PRCSLC-0715-KNO	PRCDLC-0715-KNO	PRCTL-0715-KNO		
7	20	PRCSLC-0720-KNO	PRCDLC-0720-KNO	PRCTL-0720-KNO		
8	15	PRCSLC-0815-KNO	PRCDLC-0815-KNO	PRCTL-0815-KNO	PRCQLC-0815-KNO	PRCPLC-0815-KNO
8	20	PRCSLC-0820-KNO	PRCDLC-0820-KNO	PRCTL-0820-KNO	PRCQLC-0820-KNO	PRCPLC-0820-KNO
9	15				PRCQLC-0915-KNO	PRCPLC-0915-KNO
9	20				PRCQLC-0920-KNO	PRCPLC-0920-KNO

Pressure resistant Catheter kit including introducer needle, 5 cc Guiding syringe (GS), nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
6	15	PRCSLC-0615-KGYN	PRCDLC-0615-KGYN	PRCTL-0615-KGYN		
6	20	PRCSLC-0620-KGYN	PRCDLC-0620-KGYN	PRCTL-0620-KGYN		
7	15	PRCSLC-0715-KGYN	PRCDLC-0715-KGYN	PRCTL-0715-KGYN		
7	20	PRCSLC-0720-KGYN	PRCDLC-0720-KGYN	PRCTL-0720-KGYN		
8	15	PRCSLC-0815-KGYN	PRCDLC-0815-KGYN	PRCTL-0815-KGYN	PRCQLC-0815-KGYN	PRCPLC-0815-KGYN
8	20	PRCSLC-0820-KGYN	PRCDLC-0820-KGYN	PRCTL-0820-KGYN	PRCQLC-0820-KGYN	PRCPLC-0820-KGYN
9	15				PRCQLC-0915-KGYN	PRCPLC-0915-KGYN
9	20				PRCQLC-0920-KGYN	PRCPLC-0920-KGYN

1.3. Peripheral Inserted Central Catheter (PICCs)

- Easier Venous access with minimal patient risk
- Fewer complications than subclavian or jugular insertions.

CATHETER FEATURES:

Polyurethane Material. Reverse Tapper
Reverse Marking T-connector with side valve.

KIT FEATURES:

Fines needle Short peel away Nitinol Core wire.
Nitinol core wire with golden tip (in some kits)

Two placement procedures over dilator (modified Seldinger) and over needle (direct puncture)



Over needle Peripheral Inserted central Catheters (PICCs) kits ordering information

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH STAINLESS STEEL TIP KIT FOR DIRECT PUNCTURE INCLUDING OVER THE NEEDLE PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
4	40	SLPICC -0440-KON	DLPICC -0440-KON	
4	50	SLPICC -0450-KON	DLPICC -0450-KON	
4	55	SLPICC -0455-KON	DLPICC -0455-KON	
4	60	SLPICC -0460-KON	DLPICC -0460-KON	
5	40	SLPICC -0540-KON	DLPICC -0540-KON	
5	50	SLPICC -0550-KON	DLPICC -0550-KON	
5	55	SLPICC -0555-KON	DLPICC -0555-KON	
5	60	SLPICC -0560-KON	DLPICC -0560-KON	
6	40		DLPICC -0640-KON	TLPICC -0640-KON
6	50		DLPICC -0650-KON	TLPICC -0650-KON
6	55		DLPICC -0655-KON	TLPICC -0655-KON
6	60		DLPICC -0660-KON	TLPICC -0660-KON

Over the needle (direct puncture) Kit Contains:

- Peripherally inserted central Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with flexible stainless steel tip.
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel (Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives.

*Over dilator Peripheral Inserted Central Catheters (PICCs) kits ordering information***PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH STAINLESS STEEL TIP KIT FOR MODIFIED SELDINGER PUNCTURE INCLUDING OVER THE DILATOR PEEL AWAY INTRODUCER**

Fr. Size	length	Single lumen	double lumen	triple lumen
4	40	SLPICC -0440-KOD	DLPICC -0440-KOD	
4	50	SLPICC -0450-KOD	DLPICC -0450-KOD	
4	55	SLPICC -0455-KOD	DLPICC -0455-KOD	
4	60	SLPICC -0460-KOD	DLPICC -0460-KOD	
5	40	SLPICC -0540-KOD	DLPICC -0540-KOD	
5	50	SLPICC -0550-KOD	DLPICC -0550-KOD	
5	55	SLPICC -0555-KOD	DLPICC -0555-KOD	
5	60	SLPICC -0560-KOD	DLPICC -0560-KOD	
6	40		DLPICC -0640-KOD	TLPICC -0640-KOD
6	50		DLPICC -0650-KOD	TLPICC -0650-KOD
6	55		DLPICC -0655-KOD	TLPICC -0655-KOD
6	60		DLPICC -0660-KOD	TLPICC -0660-KOD

*Over the dilator
Kit Contains:*

- Peripherally inserted central Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with flexible stainless steel tip
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel (safety scalpel optional)
- Needles connector (valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

Over needle Peripheral Inserted central Catheters (PICCs) kits with golden tip core wire ordering information

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH GOLD COATED TIP (G)) KIT FOR DIRECT PUNCTURE INCLUDING OVER THE NEEDLE PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
4	40	SLPICC -0440-KON+G	DLPICC -0440-KON+G	
4	50	SLPICC -0450-KON+G	DLPICC -0450-KON+G	
4	55	SLPICC -0455-KON+G	DLPICC -0455-KON+G	
4	60	SLPICC -0460-KON+G	DLPICC -0460-KON+G	
5	40	SLPICC -0540-KON+G	DLPICC -0540-KON+G	
5	50	SLPICC -0550-KON+G	DLPICC -0550-KON+G	
5	55	SLPICC -0555-KON+G	DLPICC -0555-KON+G	
5	60	SLPICC -0560-KON+G	DLPICC -0560-KON+G	
6	40		DLPICC -0640-KON+G	TLPICC -0640-KON+G
6	50		DLPICC -0650-KON+G	TLPICC -0650-KON+G
6	55		DLPICC -0655-KON+G	TLPICC -0655-KON+G
6	60		DLPICC -0660-KON+G	TLPICC -0660-KON+G

Over the needle (direct puncture)

Kit Contains:

- Peripherally inserted central Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with golden tip
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel (Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives

Over dilator Peripheral Inserted central Catheters (PICCs) kits with golden tip core wire ordering information

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH GOLD COATED TIP (G) KIT FOR MODIFIED SELDINGER PUNCTURE INCLUDING OVER THE DILATOR PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
4	40	SLPICC -0440-KOD+G	DLPICC -0440-KOD+G	
4	50	SLPICC -0450-KOD+G	DLPICC -0450-KOD+G	
4	55	SLPICC -0455-KOD+G	DLPICC -0455-KOD+G	
4	60	SLPICC -0460-KOD+G	DLPICC -0460-KOD+G	
5	40	SLPICC -0540-KOD+G	DLPICC -0540-KOD+G	
5	50	SLPICC -0550-KOD+G	DLPICC -0550-KOD+G	
5	55	SLPICC -0555-KOD+G	DLPICC -0555-KOD+G	
5	60	SLPICC -0560-KOD+G	DLPICC -0560-KOD+G	
6	40		DLPICC -0640-KOD+G	TLPICC -0640-KOD+G
6	50		DLPICC -0650-KOD+G	TLPICC -0650-KOD+G
6	55		DLPICC -0655-KOD+G	TLPICC -0655-KOD+G
6	60		DLPICC -0660-KOD+G	TLPICC -0660-KOD+G

*Over the dilator
Kit Contains:*

- Peripherally inserted central Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with golden tip
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel (safety scalpel optional)
- Needles connector (valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

1.4. Pressure Resistance Peripheral Inserted Central Catheter (PressPICCs)



- Pressure resistant peripheral inserted central venous catheters.
- PressPICC catheters combine the efficacy of PICC access with the efficiency of pressure standing injection for CECT scans.

Features and Properties

CATHETER FEATURES:

Polyurethane Material.
T-connector with side valve.
Pressure resistant.
Reverse tapper.
Reverse marking Trimable

KIT FEATURES:

Fine needle.
short peel away. Nitinol guide wire.

Catheters performances:

Lumen	Size (Fr)	Length (cm)	Lumen type						Max flow rate in ml/sec without failure	Maximum Pressure distal can support
			Distal		Proximal		Medial			
			Flow Rate (ml/hr)	Gauge (Ga)	Flow Rate (ml/hr)	Gauge (Ga)	Flow Rate (ml/hr)	Gauge (Ga)		
Single	3	55	300	20					5	300
	4	55	950	18					5	300
	5	55	1630	16					5	300
Double	5	55	730	18	720	18			5	300
	6	55	1180	18	1160	18			5	300
Triple	6	55	660	18	260	22	260	22	5	300

Two placement procedures over dilator (modified Seldinger) and over needle (direct puncture)

Over needle Pressure resistant peripheral inserted central catheters (PICCs) kits ordering information

PRESSURE RESISTANT PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH STAINLESS STEEL TIP KIT FOR DIRECT PUNCTURE INCLUDING OVER THE NEEDLE PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
3	55	PRSLPICC0355-KON		
4	55	PRSLPICC0455-KON		
5	55	PRSLPICC0555-KON	PRDLPICC0555-KON	
6	55		PRDLPICC0655-KON	PRTLPICC0655-KON

Over dilator Pressure resistant peripheral inserted central catheters (PICCs) kits ordering information

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH STAINLESS STEEL TIP KIT FOR MODIFIED SELDINGER PUNCTURE INCLUDING OVER THE DILATOR PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
3	55	PRSLPICC -0355-KOD		
4	55	PRSLPICC -0455-KOD		
5	55	PRSLPICC -0555-KOD	PRDLPICC -0555-KOD	
6	55		PRDLPICC -0655-KOD	PRTLPICC -0655-KOD

Over the needle (direct puncture) Kit Contains:

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with flexible stainless steel tip.
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel (Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives.

Over the dilator Kit Contains:

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with flexible stainless steel tip
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel (safety scalpel optional)
- Needles connector (valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

Over needle pressure resistant peripheral inserted central catheters (PICCs) kits with golden tip core wire ordering information

PRESSURE RESISTANT PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH GOLD COATED TIP (G) KIT FOR DIRECT PUNCTURE INCLUDING OVER THE NEEDLE PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
3	55	PRSLPICC-0355-KON+G		
4	55	PRSLPICC-0455-KON+G		
5	55	PRSLPICC-0555-KON+G	PRDLPICC-0555-KON+G	
6	55		PRDLPICC-0655-KON+G	PRTLPICC-0655-KON+G

Over dilator pressure resistant peripheral inserted central catheters (PICCs) kits with golden tip core wire ordering information

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH GOLD COATED TIP (G) KIT FOR MODIFIED SELDINGER PUNCTURE INCLUDING OVER THE DILATOR PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
3	55	PRSLPICC-0355-KOD+G		
4	55	PRSLPICC-0455-KOD+G		
5	55	PRSLPICC-0555-KOD+G	PRDLPICC-0555-KOD+G	
6	55		PRDLPICC-0655-KOD+G	PRTLPICC-0655-KOD+G

*Over the needle (+ golden tip)
(direct puncture)*

Kit Contains:

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with golden tip.
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel (Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives.

*Over the dilator (+ golden tip)
Kit Contains:*

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with golden tip.
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel (safety scalpel optional)
- Needles connector (valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

2.1 Pediatric Central Venous Catheter



Used as vascular access for the central venous system for pediatric patient. The catheter and kit contents are adapted to fit pediatric sizes and anatomy.

The Optimal Length Of Insertion of Central Venous Catheters for Pediatric Patients

Dean B. Andropoulos, MD Sabrina T. Bent, MD, Barbara Skjonsby, RN, and Stephen A. Stayer, MD
Division of Pediatric cardiovascular Anesthesiology, Texas Children Hospital and Baylor College of Medicine, Houston, Texas.

Fr. Size	length	Single lumen	double lumen	triple lumen
2	25	CSLC- 0225-KU		
3	25	CSLC- 0325-KU	CDLC- 0325-KU	
4	25	CSLC- 0425-KU	CDLC- 0425-KU	CTLC- 0425-KU

Recommended Length

Patient Weight (Kg)	Length of CVC insertion (cm)
2-2.9	4
3-4.9	5
5-6.9	6
7-9.9	7
10-12/9	8
13-19.9	9
20-29.9	10
30-39.9	11
40-49.9	12
50-59.9	13
60-69.9	14
70-79.9	15
≥ 80	16

Pediatric (P) Catheter kit including introducer needle, 3 cc syringe, nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen
2	5	CSLC-0205-KP			
2	8	CSLC-0208-KP			
3	5	CSLC-0305-KP	CDLC-0305-KP		
3	8	CSLC-0308-KP	CDLC-0308-KP		
3	13	CSLC-0313-KP	CDLC-0313-KP		
4	8	CSLC-0408-KP	CDLC-0408-KP	CTLC-0408-KP	
4	13	CSLC-0413-KP	CDLC-0413-KP	CTLC-0413-KP	
5	8		CDLC-0508-KP	CTLC-0508-KP	
5	13		CDLC-0513-KP	CTLC-0513-KP	
5	20			CTLC-0520-KP	
6	8				CQLC-0608-KP
6	13				CQLC-0613-KP
6	20				CQLC-0620-KP

Pediatric (P) Catheter kit including over the needle catheter (O), 3 cc syringe, nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen
2	5	CSLC-0205-KPO			
2	8	CSLC-0208-KPO			
3	5	CSLC-0305-KPO	CDLC-0305-KPO		
3	8	CSLC-0308-KPO	CDLC-0308-KPO		
3	13	CSLC-0313-KPO	CDLC-0313-KPO		
4	8	CSLC-0408-KPO	CDLC-0408-KPO	CTLC-0408-KPO	
4	13	CSLC-0413-KPO	CDLC-0413-KPO	CTLC-0413-KPO	
5	8		CDLC-0508-KPO	CTLC-0508-KPO	
5	13		CDLC-0513-KPO	CTLC-0513-KPO	
5	20			CTLC-0520-KPO	
6	8				CQLC-0608-KPO
6	13				CQLC-0613-KPO
6	20				CQLC-0620-KPO

Pediatric (P) Catheter kit including introducer needle, guiding Y connector (GY), 3 cc syringe, nitinol guide wire (N), scalpel, vessel dilator

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen
2	5	CSLC-0205-KPGY			
2	8	CSLC-0208-KPGY			
3	5	CSLC-0305-KPGY	CDLC-0305-KPGY		
3	8	CSLC-0308-KPGY	CDLC-0308-KPGY		
3	13	CSLC-0313-KPGY	CDLC-0313-KPGY		
4	8	CSLC-0408-KPGY	CDLC-0408-KPGY	CTLC-0408-KPGY	
4	13	CSLC-0413-KPGY	CDLC-0413-KPGY	CTLC-0413-KPGY	
5	8		CDLC-0508-KPGY	CTLC-0508-KPGY	
5	13		CDLC-0513-KPGY	CTLC-0513-KPGY	
5	20			CTLC-0520-KPGY	
6	8				CQLC-0608-KPGY
6	13				CQLC-0613-KPGY
6	20				CQLC-0620-KPGY

Pediatric (P) Catheter kit including introducer needle, guiding Y connector, 3 cc syringe, nitinol guide wire (N), scalpel, vessel dilator, end valves (V)

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen
2	5	CSLC-0205-KPGYV			
2	8	CSLC-0208-KPGYV			
3	5	CSLC-0305-KPGYV	CDLC-0305-KPGYV		
3	8	CSLC-0308-KPGYV	CDLC-0308-KPGYV		
3	13	CSLC-0313-KPGYV	CDLC-0313-KPGYV		
4	8	CSLC-0408-KPGYV	CDLC-0408-KPGYV	CTLC-0408-KPGYV	
4	13	CSLC-0413-KPGYV	CDLC-0413-KPGYV	CTLC-0413-KPGYV	
5	8		CDLC-0508-KPGYV	CTLC-0508-KPGYV	
5	13		CDLC-0513-KPGYV	CTLC-0513-KPGYV	
5	20			CTLC-0520-KPGYV	
6	8				CQLC-0608-KPGYV
6	13				CQLC-0613-KPGYV
6	20				CQLC-0620-KPGYV

2.2. Pediatric Peripheral inserted central catheter

		<i>Peripheral inserted Catheter including core wire with stainless steel tip kit for direct puncture including over the needle peel away introducer</i>		<i>Peripheral inserted Catheter including core wire with stainless steel tip kit for modified seldinger puncture including over the dilator peel away introducer</i>	
Fr. Size	length	Single lumen	double lumen	Single lumen	double lumen
1.9	30	SLPICC -01.930-KON			
3	40	SLPICC -0340-KON		SLPICC -0340-KOD	
3	50	SLPICC -0350-KON	DLPICC -0340-KON	SLPICC -0350-KOD	DLPICC -0350-KOD
3	55	SLPICC -0355-KON	DLPICC -0355-KON	SLPICC -0355-KOD	DLPICC -0355-KOD
3	60	SLPICC -0360-KON	DLPICC -0360-KON	SLPICC -0360-KOD	DLPICC -0360-KOD
4	40	SLPICC -0440-KON	DLPICC -0440-KON	SLPICC -0440-KOD	DLPICC -0440-KOD
4	50	SLPICC -0450-KON	DLPICC -0450-KON	SLPICC -0450-KOD	DLPICC -0450-KOD
4	55	SLPICC -0455-KON	DLPICC -0455-KON	SLPICC -0455-KOD	DLPICC -0455-KOD
4	60	SLPICC -0460-KON	DLPICC -0460-KON	SLPICC -0460-KOD	DLPICC -0460-KOD

		<i>Peripheral inserted Catheter including core wire with gold coated tip (G)) kit for direct puncture including over the needle peel away introducer</i>		<i>Peripheral inserted Catheter including core wire with gold coated tip (G) kit for modified seldinger puncture including over the dilator peel away introducer</i>	
Fr. Size	length	Single lumen	double lumen	Single lumen	double lumen
1.9	30	SLPICC -01.930-KON+G			
3	40	SLPICC -0340-KON+G		SLPICC -0340-KOD+G	
3	50	SLPICC -0350-KON+G	DLPICC -0340-KON+G	SLPICC -0350-KOD+G	DLPICC -0340-KOD+G
3	55	SLPICC -0355-KON+G	DLPICC -0355-KON+G	SLPICC -0355-KOD+G	DLPICC -0355-KOD+G
3	60	SLPICC -0360-KON+G	DLPICC -0360-KON+G	SLPICC -0360-KOD+G	DLPICC -0360-KOD+G
4	40	SLPICC -0440-KON+G	DLPICC -0440-KON+G	SLPICC -0440-KOD+G	DLPICC -0440-KOD+G
4	50	SLPICC -0450-KON+G	DLPICC -0450-KON+G	SLPICC -0450-KOD+G	DLPICC -0450-KOD+G
4	55	SLPICC -0455-KON+G	DLPICC -0455-KON+G	SLPICC -0455-KOD+G	DLPICC -0455-KOD+G
4	60	SLPICC -0460-KON+G	DLPICC -0460-KON+G	SLPICC -0460-KOD+G	DLPICC -0460-KOD+G

Over the needle (direct puncture) Kit Contains:

- Peripherally inserted central Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with flexible stainless steel tip.
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel (Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives.

Over the dilator Kit Contains:

- Peripherally inserted central Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with flexible stainless steel tip (with golden tip for +G codes).
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel (safety scalpel optional)
- Needles connector (valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

		<i>Pressure Resistant Peripheral inserted Catheter including core wire with stainless steel tip kit for direct puncture including over the needle peel away introducer</i>	<i>Pressure Resistant Peripheral inserted Catheter including core wire with stainless steel tip kit for modified seldinger puncture including over the dilator peel away introducer</i>
Fr. Size	length	Single lumen	Single lumen
3	55	PRSLPICC -0355-KON	PRSLPICC -0355-KOD

		<i>Pressure Resistant Peripheral inserted Catheter including core wire with gold tip kit for direct puncture including over the needle peel away introducer</i>	<i>Pressure Resistant Peripheral inserted Catheter including core wire with gold tip kit for modified seldinger puncture including over the dilator peel away introducer</i>
Fr. Size	length	Single lumen	Single lumen
3	55	PRSLPICC -0355-KON+G	PRSLPICC -0355-KOD+G

**Over the needle
(direct puncture)
Kit Contains:**

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with flexible stainless steel tip.
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel (Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives.

**Over the dilator
Kit Contains:**

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with flexible stainless steel tip (with golden tip for +G codes)
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel (safety scalpel optional)
- Needles connector (valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

3.1. Coated and Non-coated Dilators

Description:

Tubular device used for dilating the percutaneous opening into a blood vessel. It has tapered distal end and proximal end welded to a hub.

Hydrophilic coating is available to add more smoothness to the dilatation procedure



BENEFITS:

Long tapered TIP Rounded Tip (radius)

MATERIAL:

Tube Polypropylene or Polyethylene or Polyurethane
Hub ABS

VERSIONS:

Available sizes (4 Fr. To 16 Fr.)

Non-Coated

Size Fr	Tube Color	length Cm	Matched guide wire	Non coated Codes	Coated codes	Tube Color
4	Red	10	0.018"	DIL-041018	DIL-041018-H	White
4	Red	10	0.021"	DIL-041021	DIL-041021-H	White
5	Grey	10	0.021"	DIL-051021	DIL-051021-H	White
6	Green	12	0.021"	DIL-061221	DIL-061221-H	White
6	Green	12	0.028"	DIL-061228	DIL-061228-H	White
6	Green	12	0.035"	DIL-061235	DIL-061235-H	White
7	Orange	12	0.032"	DIL-071232	DIL-071232-H	White
7	Orange	12	0.035"	DIL-071235	DIL-071235-H	White
8	Dark Blue	12	0.032"	DIL-081232	DIL-081232-H	White
8	Dark Blue	12	0.035"	DIL-081235	DIL-081235-H	White
9	Light Blue	12	0.035"	DIL-091222	DIL-091222-H	White
10	Light Blue	12	0.035"	DIL-101222	DIL-101222-H	Light Blue
12	Light Blue	12	0.035"	DIL-121222	DIL-121222-H	Light Blue
14	Light Blue	12	0.035"	DIL-141222	DIL-141222-H	Light Blue
16	Light Blue	12	0.035"	DIL-161222	DIL-161222-H	Light Blue

3.2. Guide Wire Scale Dispenser

Description:

A calibrated housing used as dispenser and advancer for guidewires. The housing readily permits the physician to accurately advance the guide wire a desired length into the patient. The distal end of the guide wire aligns with a reading on the housing that correlated with the advanced length. The housing is equipped with thumb roller to improve advancing control and to exert friction to prevent spontaneous slippage of the guide wire before or during use..

BENEFITS:

Avoid unseen, missed or wrong interpretation of length markings over the guide wire
Work with non length marked guide wires
Easier controlled advancement of guide wires without accidental slippage.

FEATURES:

Compact one piece to prevent disassembly and damage during transit, storage and use
Light weight
Transparent
Readable at both sides (for right or left handed users)
Numbering every 5 Cm Marking every 1 Cm..

MATERIAL:

House and roller are made from Polypropylene Cap is made from semi rigid P.V.C

DIMENSIONS:

Outer Diameter 11.4 Cm Inner Diameter 8.8 Cm Weight 30 Gm

VERSIONS:

GWSD-5 for 50 Cm Guidewires
GWSD-6 for 60 Cm Guidewires
GWSD-7 for 70 Cm Guidewires



3.3. Guiding Syringe

Description:

A syringe-type device for inserting a catheter guide wire into a blood vessel includes a syringe in which the plunger has a central passage extending through it. A thin guiding tube with lateral holes is fixed to the syringe barrel tip and fits slidably in the central passage of the plunger. The plunger central passage is normally blocked by a closure valve.

When The needle is inserted into the blood vessel, plunger is then withdrawn somewhat to permit blood to be observed in the body of the syringe for verification of proper needle positioning. The guide wire advancer piece of the guide wire assembly is introduced and pushed inside the central tunnel of silicon valve. The piece will hold the advancer to work together as one piece. The tip of the advancer or the guide wire dispenser should first open the slot cut at of the valve . In this position, the central passage of the guide wire advancer is aligned and in communication with central passage of the plunger, the guiding thin tube and the needle lumen. The guide wire may then be fed into the blood vessel by advancing it through the central passage of the guide tube and the needle lumen.

BENEFITS:

- Complete haemostatic advancement of guide wire into vessels
- Avoid possible kinking of the guide wire while passing the valve.
- Work with any guide wire size including the thin or fragile types
- Keep the sensation of passing the wire into the vein with a feeling of any slight resistance
- Detect arterial mis puncture through viewing the arterial pulsation at its piston pass way.

FEATURES:

- Can be used as a standard syringe to inject or aspirate
- Light weight
- Transparent piston

MATERIAL:

- Plunger is made from Polypropylene
- Piston & tube are made from Polycarbonate Valves is made from Silicon

VERSIONS:

- GNS-5 (5 CC syringe with transparent piston)
- GNS-5B (5 CC syringe with blue piston)



3.4. Guiding Y Connector

Description:

Y shape connector device for inserting a catheter guide wire into a blood vessel includes a Y shape connector. The connector have a male slip at one arm terminal, a male luer at a second arm terminal while the third arm is blocked by a closure valve to prevent passage of fluid through the guide passage during flushing or aspirating of the catheter introduction syringe . The silicon valve piece has inside tunnel that end with a slot cut. The Y connector is to be attached to introducer needle at the male slip arm and to a traditional syringe at the male luer arm.

When the needle is inserted into the blood vessel, the plunger of the standard syringe is then withdrawn somewhat to permit blood to be observed in the body of the syringe for verification of proper needle positioning. The guide wire advancer of the guide wire dispenser is introduced and pushed inside the central tunnel of the silicon valve. The piece will hold the advancer to work together as one piece. The tip of the advancer of the guide wire dispenser should first open the slot cut at the U shaped silicon piece. In this position, the central passage of the guide wire advancer is aligned and in communication with central passage of the Y connector and the needle lumen. The guide wire may then be fed into the blood vessel by advancing it through the central passage of Y connector and the needle lumen. In another version the male slip arm occupy an introducer needle.

BENEFITS:

Complete haemostatic advancement of guide wire into vessels
 Avoid possible kinking of the guide wire while passing the valve.
 Work with any guide wire size including the thin or fragile types
 Better manipulation than guiding syringe especially in pediatric use.Keep the sensation of passing the wire into the vein with a feeling of any slight resistance

FEATURES:

Light weight Transparent

MATERIAL:

Y connector is made from co polyester Valves is made from Silicon

VERSIONS:

GYC (Guiding Y Connector)

GYC-1807 (Guiding Y Connector with needle G18 x 7 Cm)

GYC-2004 (Guiding Y Connector with needle G20 x 4 Cm)



3.5. Unifix and Unifix Lok



Unifix

Hypoallergenic tube fixation adhesive
Suturless fixation device
Fix most of the tube sizes
Code UNF-T



Unifix Lok

Hypoallergenic Catheter hub fixation adhesive
Suturless fixation device
suitable for many catheter hub shapes
Code UNF-L

Notes:

