

# Peritoneal Dialysis Catheters



*New Dimensions in Medical Technology*

# MEDIONICS INTERNATIONAL INC.

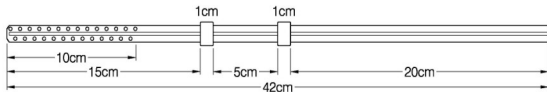
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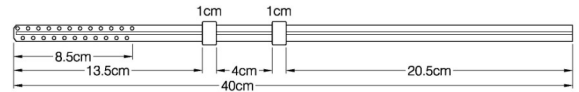
# Adult Tenckhoff Catheters

The standard, two-cuff, straight catheter introduced in the 1960s by Tenckhoff is still the most widely used access device for peritoneal dialysis, because it satisfies the needs of most patients. It is available in single cuff or double cuff designs, in various lengths and inter-cuff spacings to suit individual patient size.

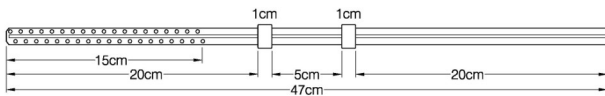
**Tenckhoff 2 Cuff Order No. SA 1242 (also #8810888003)**



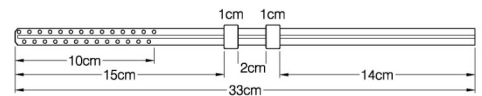
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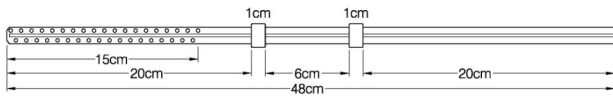
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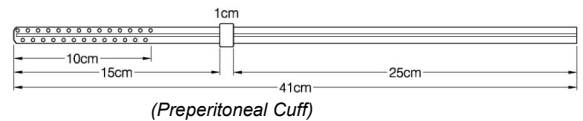
**Tenckhoff 2 Cuff Order No. SA 1233 (for small adult)**



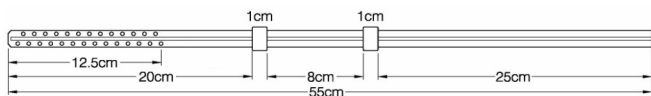
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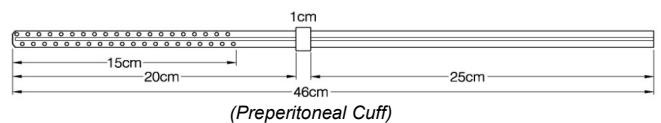
**Tenckhoff 1 Cuff Order No. SA 1141PP (also #8814843001)**



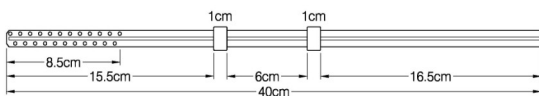
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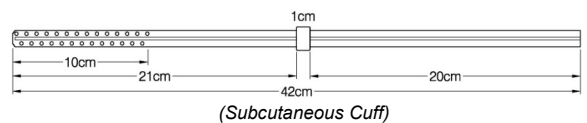
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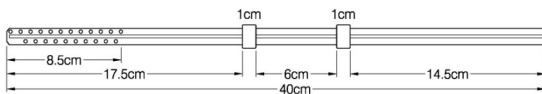
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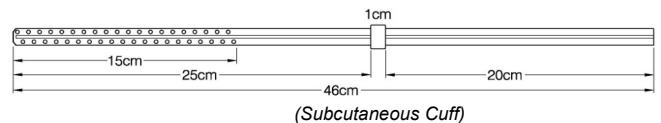
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**Tenckhoff 2 Cuff Order No. SA 1242 J3**

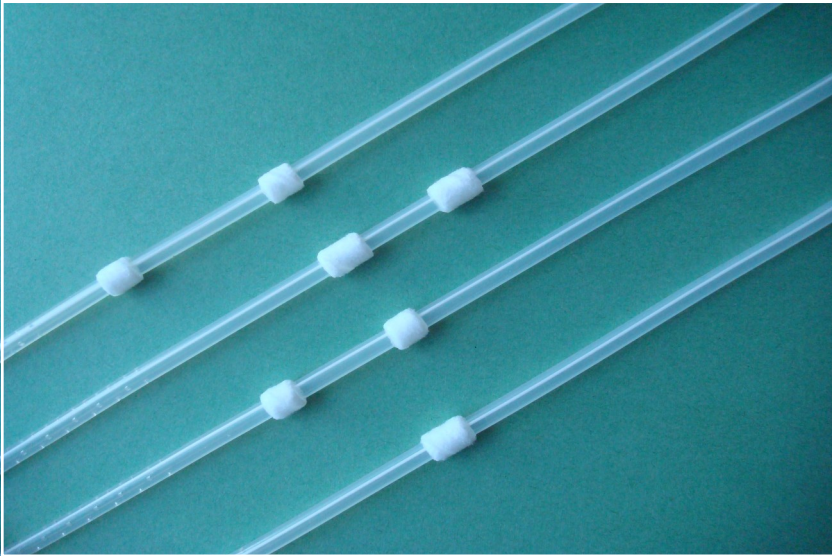


**Tenckhoff 1 Cuff Order No. SA 1146SC (also #8810889011)**

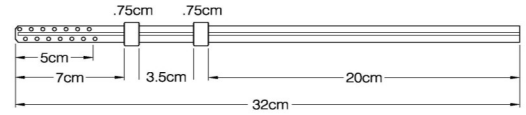




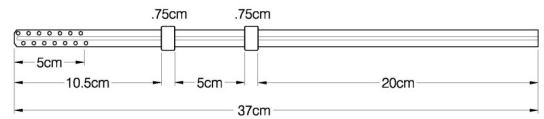
# Paediatric Tenckhoff Catheters



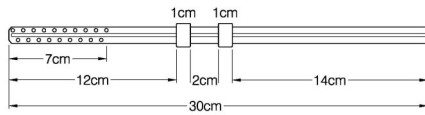
**Paediatric Tenckhoff 2 Cuff Order No. SP 1232**



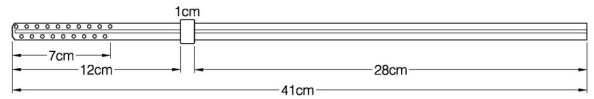
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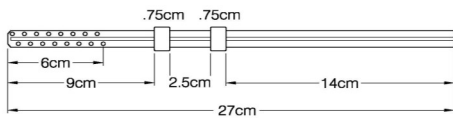
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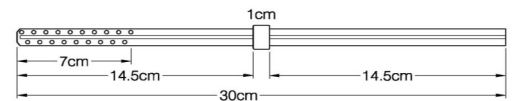
**Paediatric Tenckhoff 1 Cuff Order No. SP 1141**



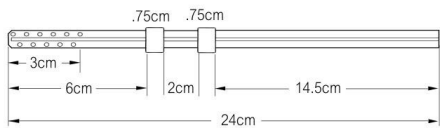
**Paediatric Tenckhoff 2 Cuff Order No. SP 1227**



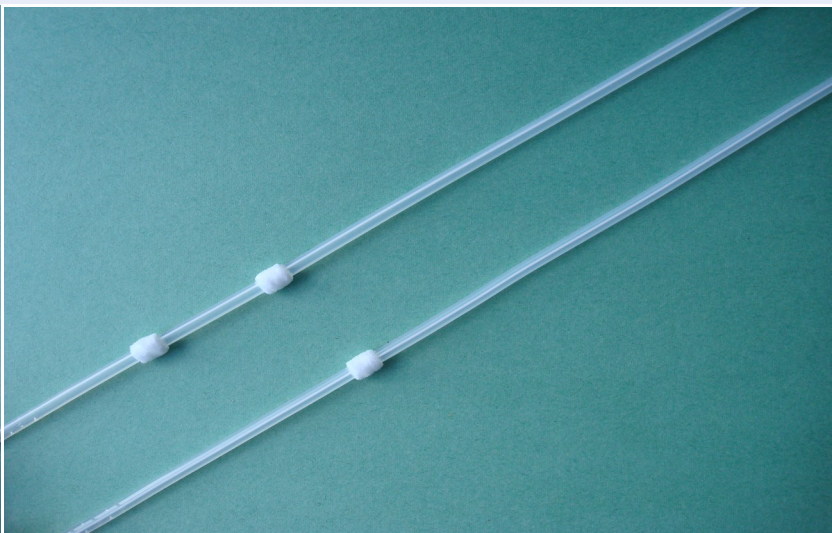
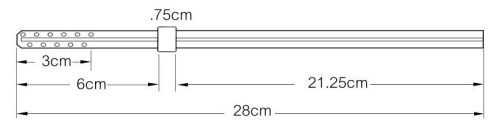
**Paediatric Tenckhoff 1 Cuff Order No. SP 1130**



**Paediatric Tenckhoff 2 Cuff Order No. SP 1224**

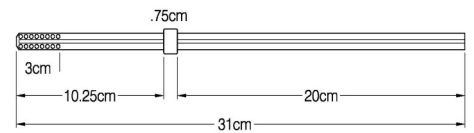


**Paediatric Tenckhoff 1 Cuff Order No. SP 1128**

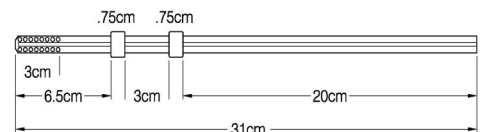


## Neonatal Tenckhoff Catheters 12 FR

**Neonatal Tenckhoff 1 Cuff Order No. SI 1131**



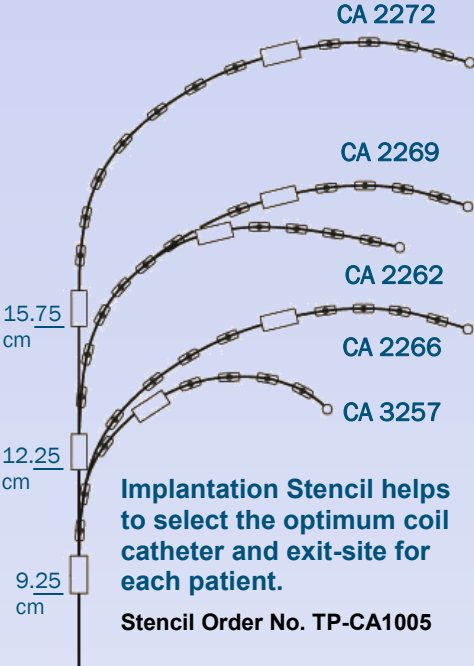
**Neonatal Tenckhoff 2 Cuff Order No. SI 1231**





# Adult Coil Catheters

Rectus Cuff Distance from Cranial Border of Pubic Symphysis



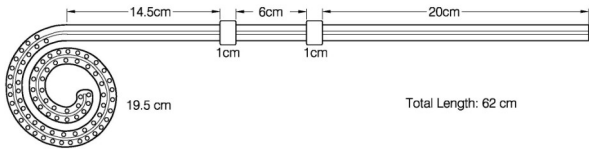
Implantation Stencil helps to select the optimum coil catheter and exit-site for each patient.

Stencil Order No. TP-CA1005

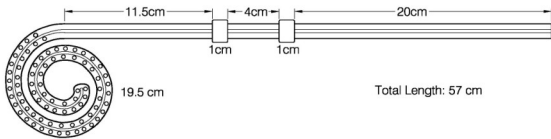
The coil catheter due to its increased mass of tubing maintains the catheter tip low in pelvic cavity, resulting in less catheter migration and omental wrapping.

The coil catheter due to its larger number of holes also provides better and gentler dialysate flow, causing less inflow pain to the patient.

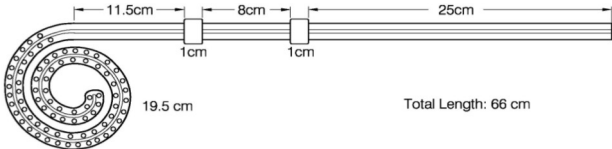
Order No. CA 2262 (also #8811313010)



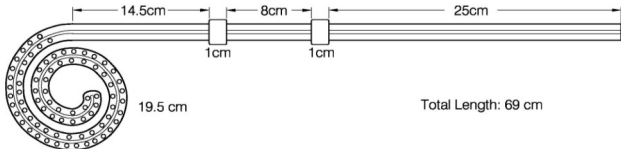
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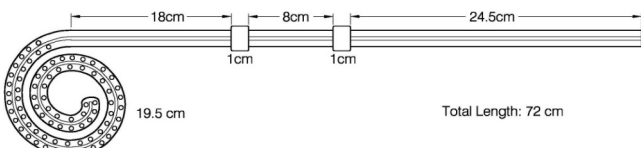
Order No. CA 2266



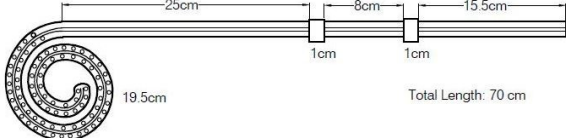
Order No. CA 2269



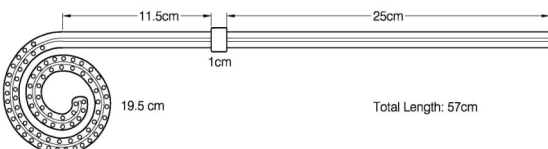
Order No. CA 2272



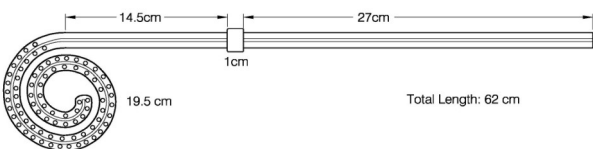
Order No. CA 2570

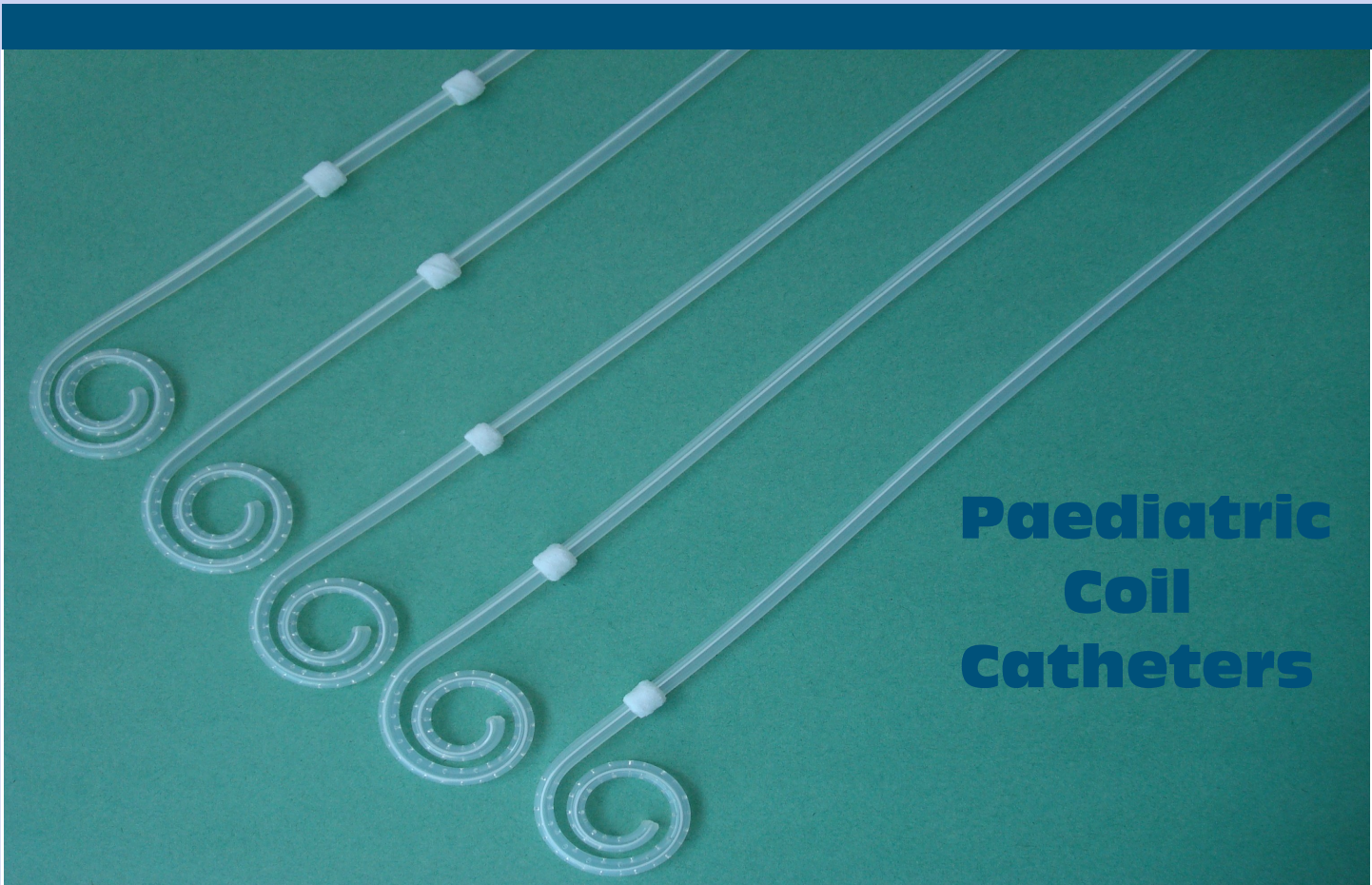


Order No. CA 1157 (also #8811313014)



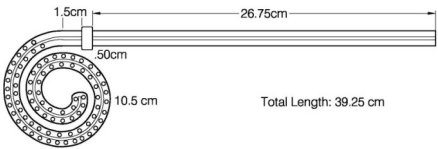
Order No. CA 1162 (also #8811313013 and #88411710)



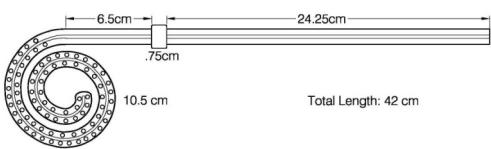


# Paediatric Coil Catheters

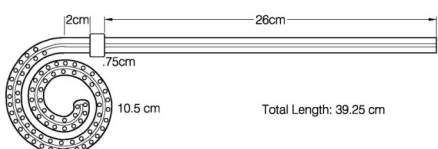
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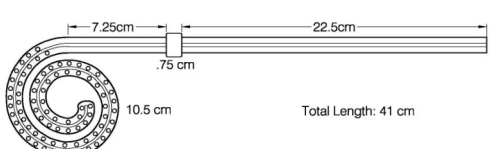
Order No. CP 1142



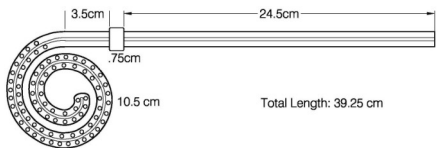
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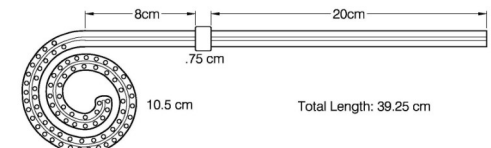
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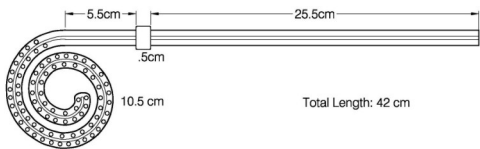
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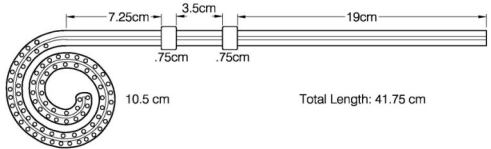
Order No. CP 113925 (also #88414508 and #8815677001)



Order No. CP 115524



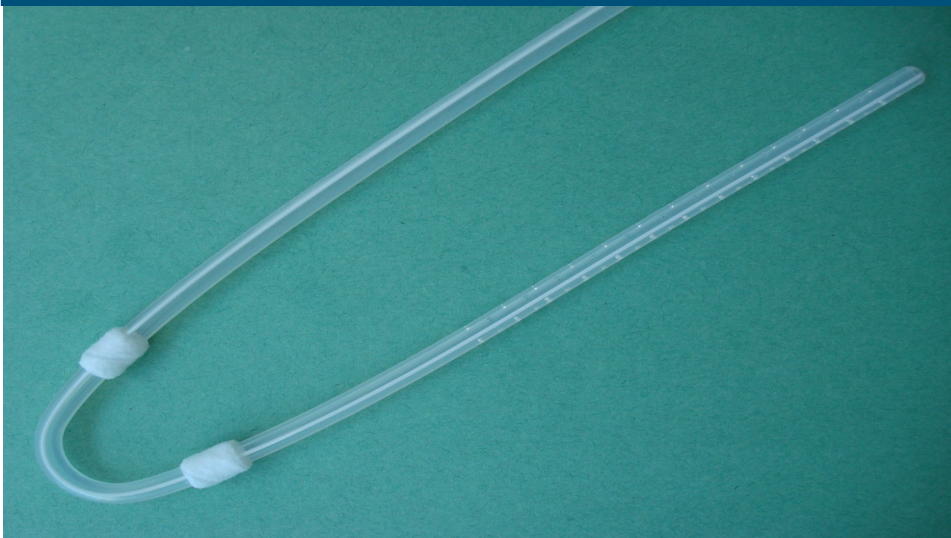
Order No. CP 1241



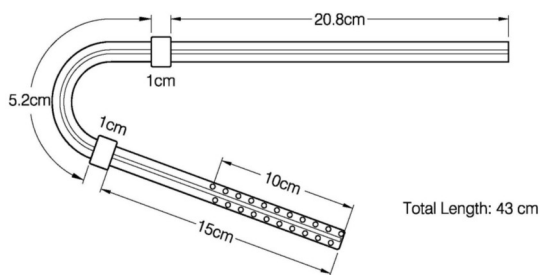


# Adult Swan Neck Catheters

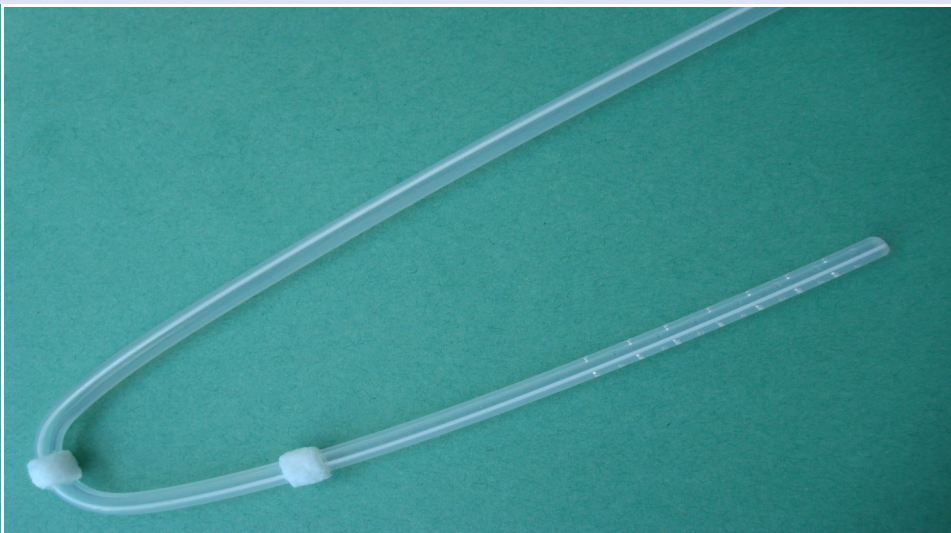
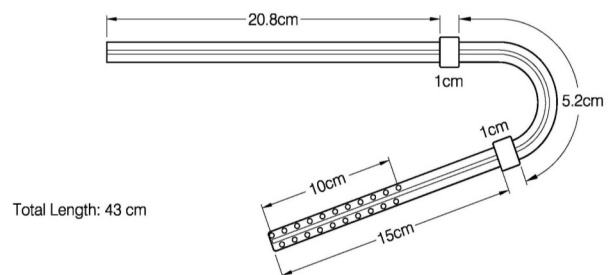
The swan neck catheters have a permanent bend at the catheter mid-section helping to maintain the downward position of the intra-abdominal segment as well as the catheter exit site. This design helps to prevent catheter tip migration and also decreases stress on the exit site.



**Swan Neck Catheter (Left) Order No. SNA 5243L**

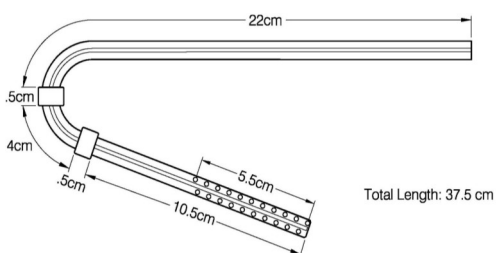


**Swan Neck Catheter (Right) Order No. SNA 5243R**

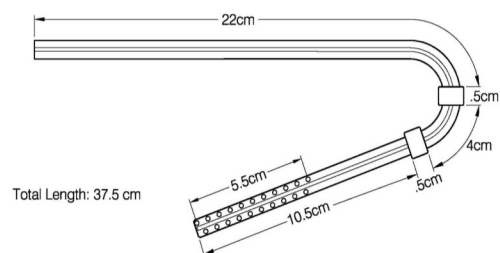


# Paediatric Swan Neck Catheters

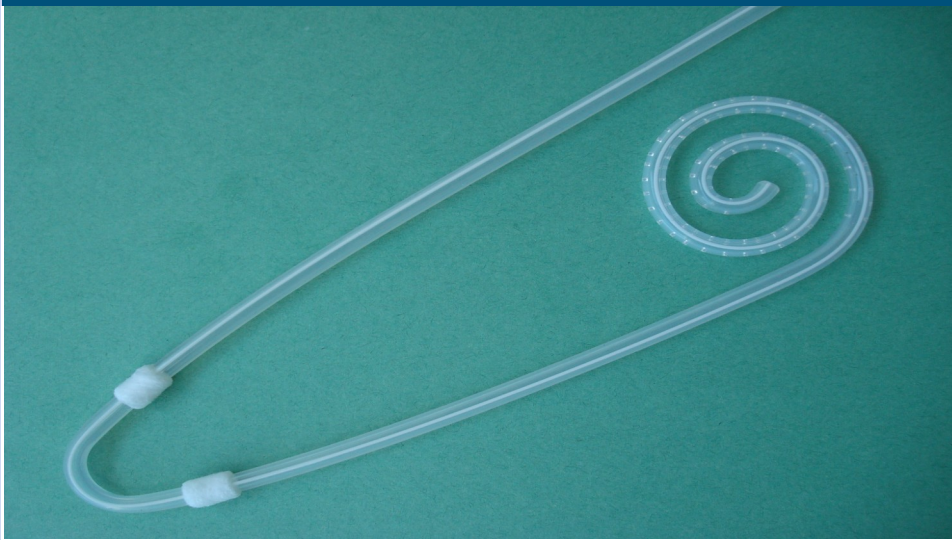
**Swan Neck Paediatric Catheter (Left) Order No. SNP 52375L**



**Swan Neck Paediatric Catheter (Right) Order No. SNP 52375R**



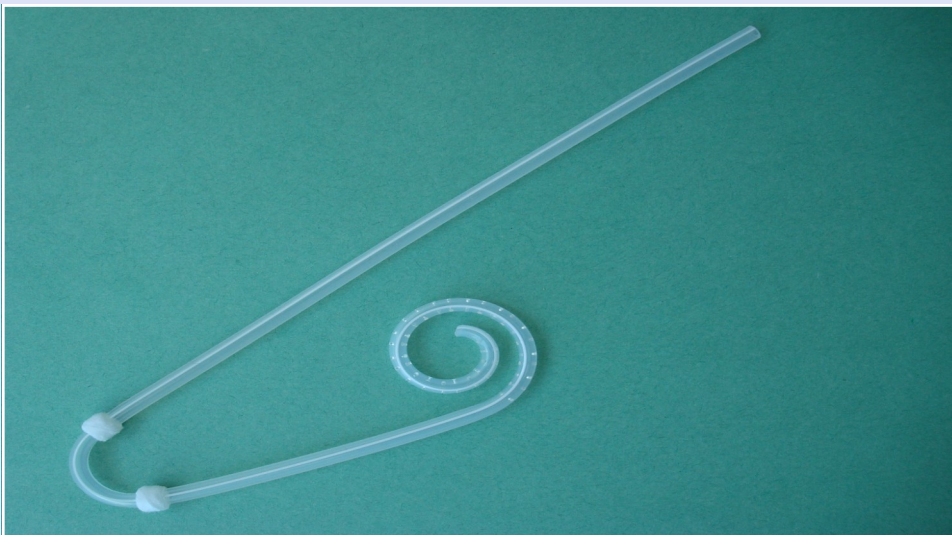
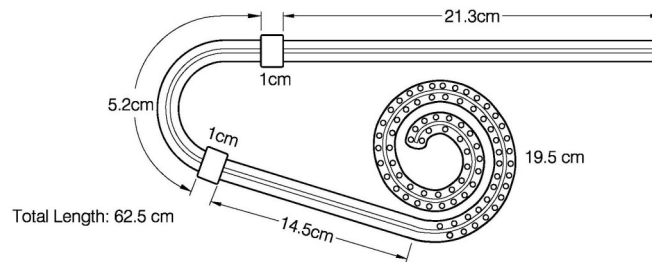




# Adult Swan Neck Coil Catheters

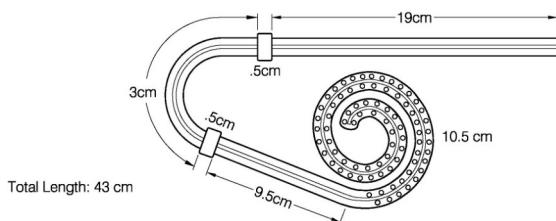
The swan neck coil catheters have a permanent bend at the catheter mid-section and a coiled intra-abdominal segment. This design provides the benefits of both swan neck and coil catheters.

**Swan Neck Adult Coil Catheter Order No. SNCA 5262L**

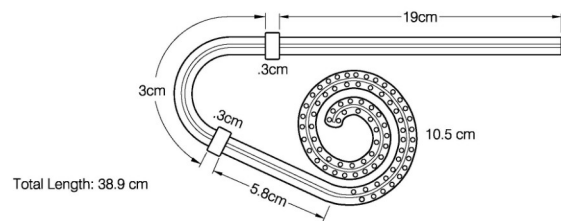


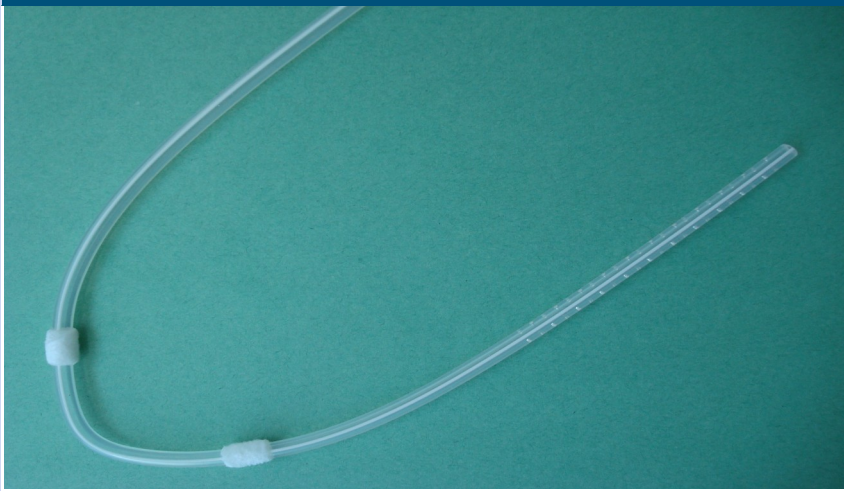
# Paediatric & Infant Swan Neck Coil Catheters

**Swan Neck Paediatric Coil Catheter  
Order No. SNCP 5243L**



**Swan Neck Infant Coil Catheter  
Order No. SNCI 5239L**

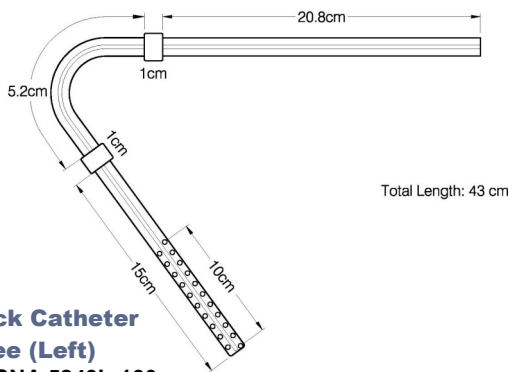




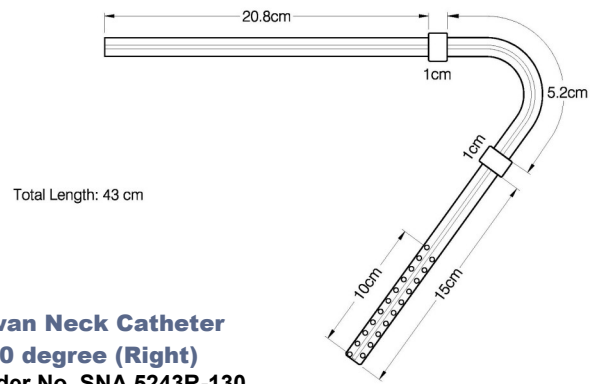
# Swan Neck Catheters

## Gently Bending 130°

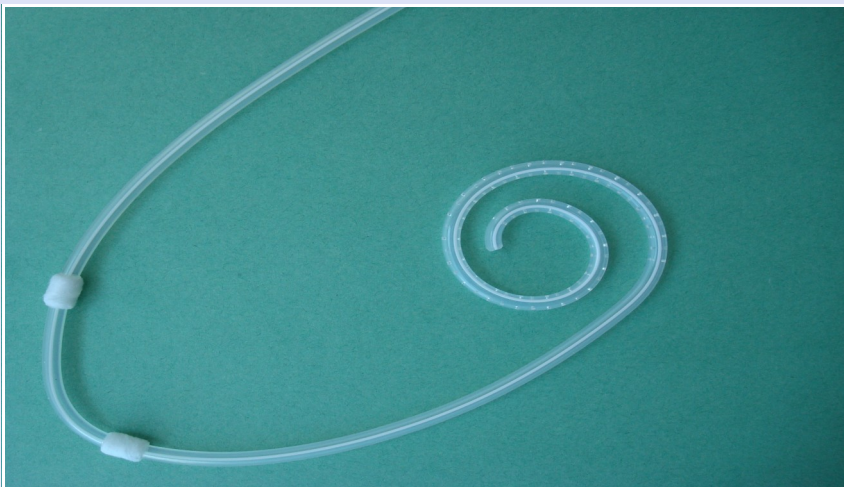
These catheters have a much gentler bend than that of a standard swan neck catheter. As a result, they are less likely to kink in the subcutaneous tunnel. The wide angle design also permits relatively easier repositioning or manipulation when the catheter has migrated or become entangled with omentum.



**Swan Neck Catheter**  
**130 degree (Left)**  
 Order No. SNA 5243L-130

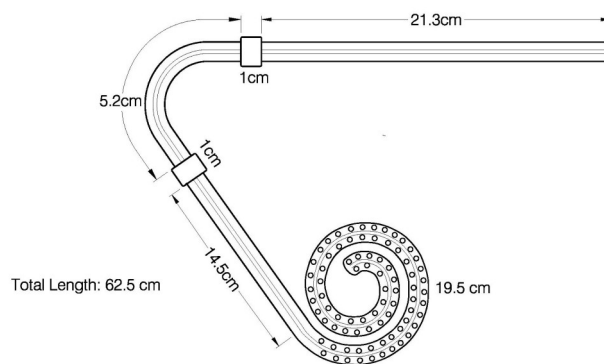


**Swan Neck Catheter**  
**130 degree (Right)**  
 Order No. SNA 5243R-130



# Swan Neck Coil Catheters

## Gently Bending 130°



**Swan Neck Coil Catheter**  
**130 degree**  
 Order No. SNCA 5262L-130



# Swan Neck Missouri Catheters

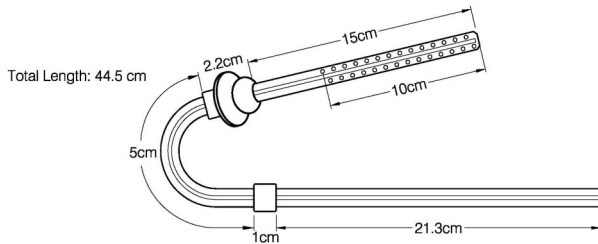


Bead and flange combination at the deep cuff strengthens the anchorage of the catheter into the abdominal wall.

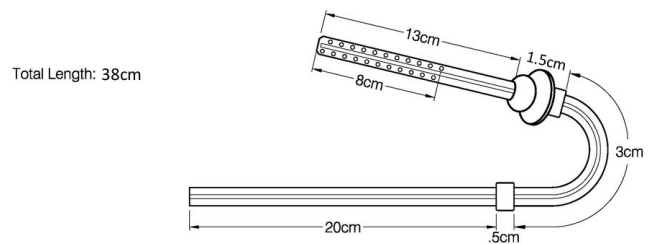
The silicone bead rests just inside the peritoneum to prevent dialysate leakage. The flange is placed flat just outside the peritoneum and is sutured to the rectus muscle. A purse-string suture between the bead and the flange decreases the risk of early leakage. The flange increases the mass of tissue ingrowth into the cuff and flange structure, which further reduces the risk of leakage.

The bead-and-flange are affixed to the tubing at a 45 degree angle in order to point the Intra-peritoneal segment downwards with less tendency to migrate into the upper abdomen.

**Swan Neck Missouri Adult Catheter**  
Order No. SNA 5245LFD (Left); SNA 5245RFD (Right)

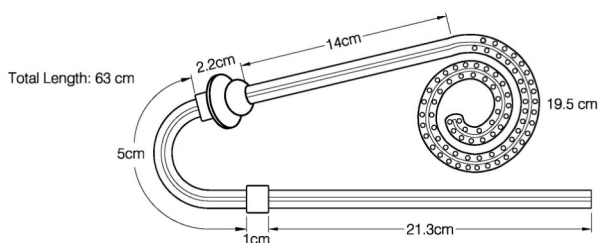


**Swan Neck Missouri Paediatric Catheter**  
Order No. SNP 5238LFD (Left); SNP 5238RFD (Right)

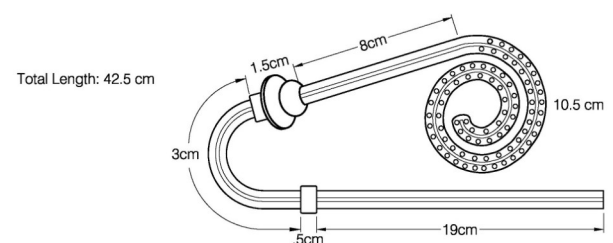


# Swan Neck Missouri Coil Catheters

**Swan Neck Missouri Adult Coil Catheter**  
Order No. SNCA 5263LFD



**Swan Neck Missouri Paediatric Coil Catheter**  
Order No. SNCP 5243LFD



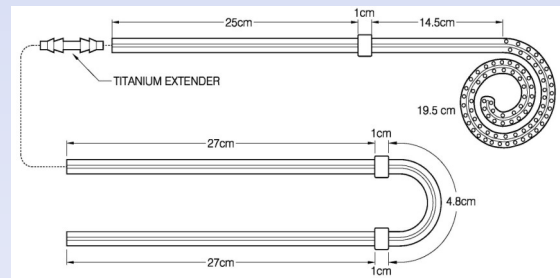
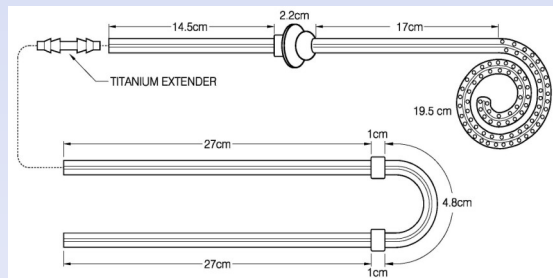
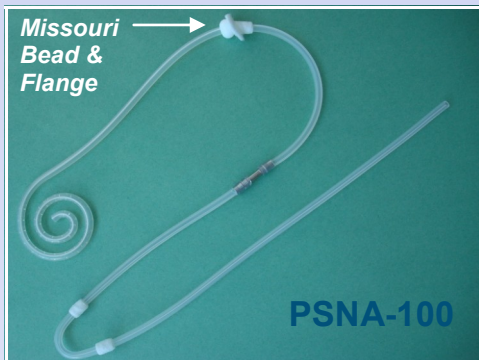


# Presternal Catheters

Presternal catheter is composed of two segments, distal and proximal, trimmed to size for the patient, and joined with a titanium connector in the subcutaneous tunnel at the time of implantation. The proximal segment comes in a two cuff swan neck configuration while the distal segment is generally a coiled configuration, with or without the Missouri type bead and flange combination.

Presternal catheters are indicated for patients with a more active lifestyle. As the exit site is located on the upper chest wall instead of at the belt line, this catheter is ideal for those patients who enjoy wading in a pool or soaking in a tub. Presternal catheter is particularly useful for obese patients who may have difficulty manipulating a catheter at the belt line and those with abdominal ostomies.

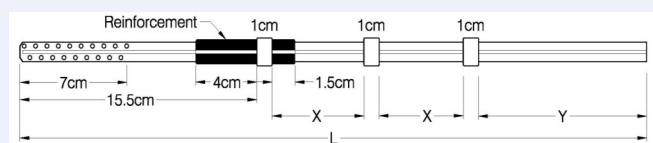
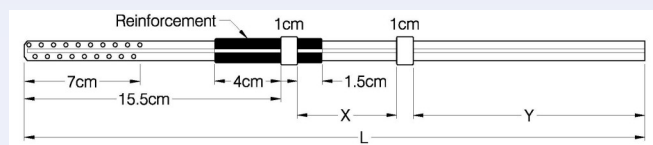
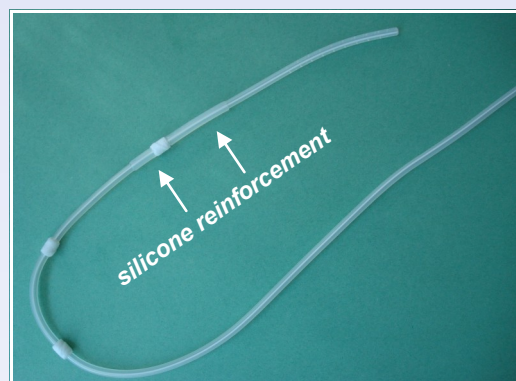
Clinical results achieved with presteral catheters show excellent outcomes with decreased frequency of exit/tunnel infection. Such outcomes possibly result from more effective immobilization of the catheter on the chest, less trauma, longer subcutaneous tunnel and avoidance of submersion in stagnant water.



## Tenckhoff Straight Presternal Catheters

Tenckhoff Straight 2 or 3 cuff long Presternal Catheters do not require a titanium extender.

Silicone reinforcement next to the peritoneal cuff strengthens cuff anchorage and stabilizes catheter abdomen segment.



Cat No.	X	Y	L
<b>2 Cuff</b>			
SA-12806PR	60mm	565mm	800mm
SA-12808PR	80mm	545mm	800mm
SA-12800PR	100mm	525mm	800mm
SA-12656PR	60mm	415mm	650mm
SA-12658PR	80mm	395mm	650mm
SA-12650PR	100mm	375mm	650mm
<b>3 Cuff</b>			
SA-13806PR	60mm	495mm	800mm
SA-13808PR	80mm	455mm	800mm
SA-13800PR	100mm	415mm	800mm
SA-13656PR	60mm	345mm	650mm
SA-13658PR	80mm	305mm	650mm
SA-13650PR	100mm	265mm	650mm

# reliant™

## Reinforced PD Catheters

Reliant™ reinforced catheters are Medionics' next generation of PD catheters uniquely designed with additional mass of silicone embedded into the intra-abdominal segment to keep the catheter low in pelvic gutter. Reinforcement helps to prevent catheter migration and stabilizes PD access.

Silicone reinforcement of the preperitoneal cuff strengthens cuff anchorage into the abdominal wall, prevents leakage and helps maintain catheter tip in the true pelvis.

Double layered up/down structure minimizes effects of bowel and omental adhesions. A secondary set of recessed holes provide unimpeded flow even when catheter migration does occur.

Order No. for Reliant™ catheter,  
add Suffix "RR" to catheter catalog number.



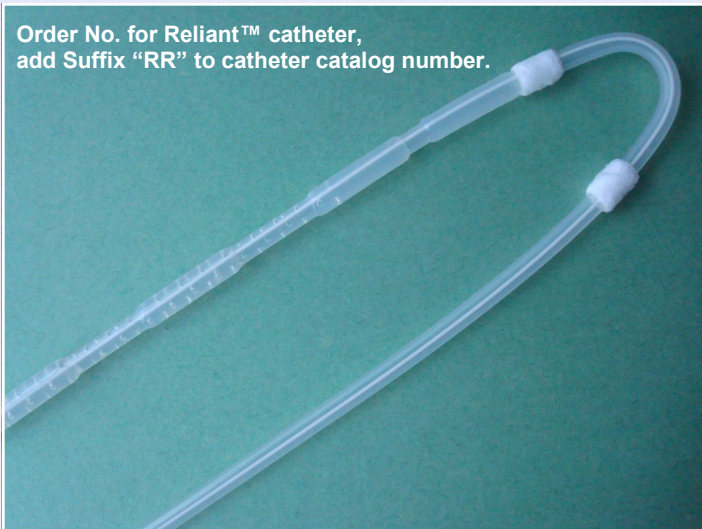
**Tenckhoff  
Reliant™ Catheters**

Order No. for Reliant™ catheter,  
add Suffix "RR" to catheter catalog number.



**Tenckhoff Coil  
Reliant™ Catheters**

Order No. for Reliant™ catheter,  
add Suffix "RR" to catheter catalog number.



**Swan Neck  
Reliant™ Catheters**

Order No. for Reliant™ catheter,  
add Suffix "RR" to catheter catalog number.



**Swan Neck Coil  
Reliant™ Catheters**



# PD TEMP

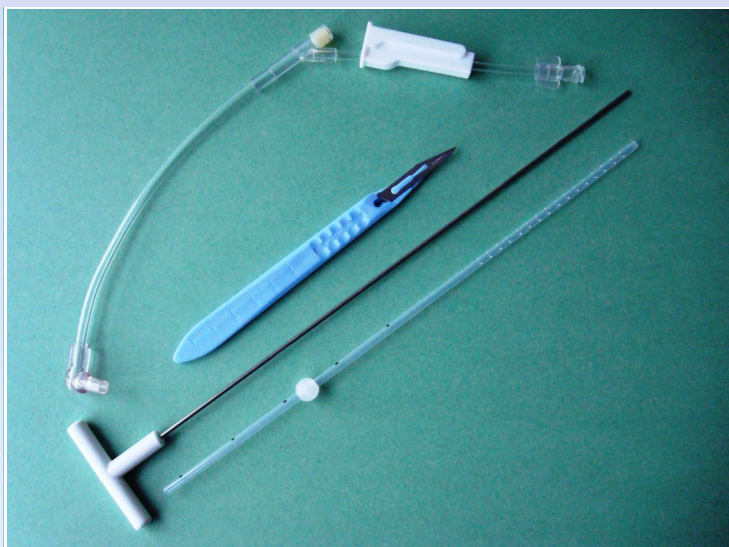
## Disposable Stylet Catheters

Disposable stylet catheters are used for acute peritoneal dialysis. They are also used to prime the abdomen prior to insertion of chronic peritoneal dialysis catheters.

The specific indications for the use of disposable PD TEMP stylet catheters include acute poisoning when only one dialysis session is contemplated, in the setting of severe extra cellular volume overload and severe hyperkalemia when acute dialysis has to be considered, when there is one-way obstruction of a silastic catheter with abdominal distension and drainage of the peritoneal cavity can only be accomplished through a stylet catheter, or during antibiotic treatment of a skin infection of the abdominal wall before implanting a permanent silastic catheter.

Special features are:

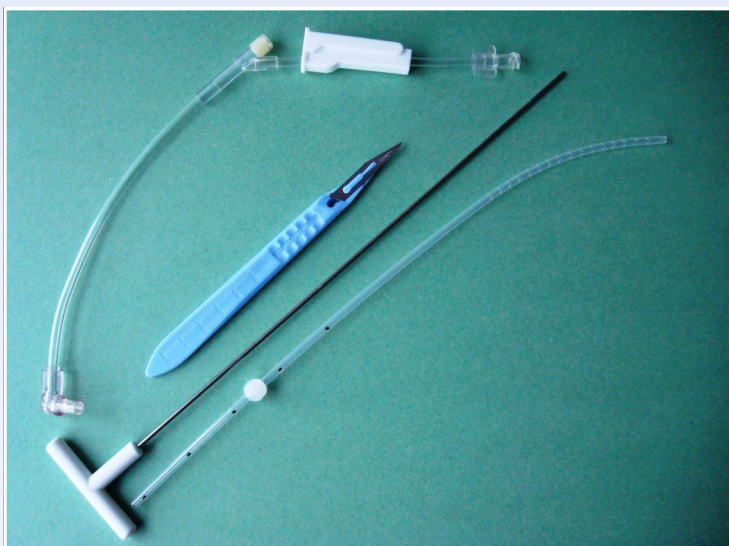
- Quick, easy and safe
- Made of Polyamide for outstanding tissue compatibility
- Catheter introduction depth control
- Elbow connector prevents catheter kinking
- Catheter marking to show direction of distal end to facilitate insertion
- Sampling port for injections during treatment



### PD TEMP Straight

Order No. RCT-248K (Adult)  
Size 2.5 x 3.5 x 240mm, Perforations 8cm

Order No. RCT-244K (Paediatric)  
Size 2.5 x 3.5 x 240mm, Perforations 4cm



### PD TEMP Curved

Bent abdomen segment helps to advance catheter tip in the deep pelvic area.

Order No. RCT-288CRK (Adult)  
Size 2.5 x 3.5 x 280mm, Perforations 8cm

Order No. RCT-284CRK (Paediatric)  
Size 2.5 x 3.5 x 280mm, Perforations 4cm



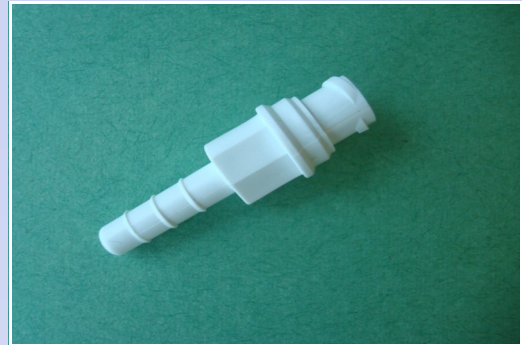
# Catheter Accessories



## Titanium Adapter

Titanium adapter is a two part titanium connector with a locking nut. It is used to terminate the external portion of peritoneal catheters. It allows peritoneal catheters to connect securely to CAPD administration sets either directly or via transfer sets.

Order No. TA-200 (sterile, individually packed)



## Catheter Plastic Adapter

Catheter plastic adapter is an inexpensive alternative to the titanium adapter TA-200. It allows peritoneal catheters to connect securely to CAPD administration sets either directly or via transfer sets.

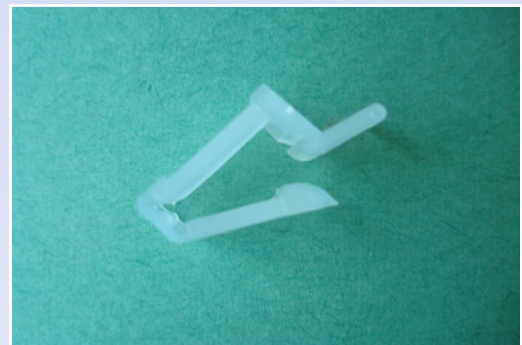
Order No. PCA-1010 (sterile, individually packed, 100 /cs)



## Titanium Extender

Titanium extender is used to repair or extend the external portion of peritoneal catheters. It is supplied with an 8" long silicone catheter tubing.

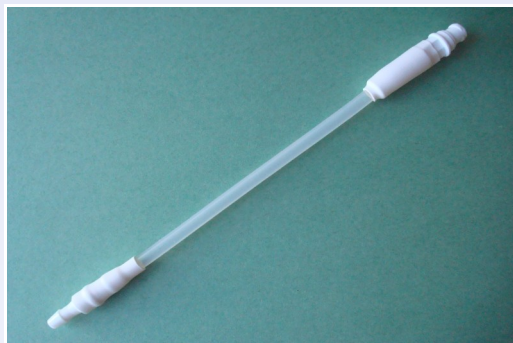
Order No. TA-300 (sterile, individually packed)



## Catheter Clamp

Catheter clamp allows easy clamping of the peritoneal catheter during off dialysis periods.

Order No. PCA-1030 (sterile, individually packed, 100 /cs)



## Catheter Repair Kit

Catheter repair kit is a quick, simple and no-mess fully assembled one piece kit used for repairing PD catheters whose external portion is severely damaged and cut short.

Order No. PCA-1040 (sterile, individually packed)



## Titanium Plug

Titanium plug is a two part threaded device, a plug and a cap. It is used to plug and bury subcutaneously the free end of peritoneal dialysis catheter at the time of implantation. The stainless steel threaded stylet assists in the burying procedure. The catheter is exteriorized when the patient is ready to initiate dialysis. Typical rest period is 6 weeks to 5 months.

Order No. TA-300P (sterile, individually packed)



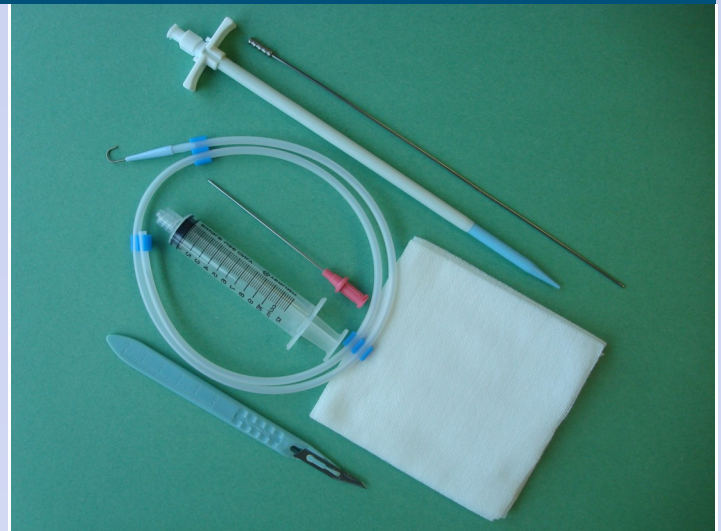
### Pull-Apart Introducer Set

Introducer set is used to insert catheters percutaneously using modified Seldinger technique. It contains one pull-apart sheath/dilator, one 18ga introducer needle, one 10ml syringe and one J/Straight guide wire.

**Order No.**

PS-16FR (for catheters w/ straight intra-abdominal segment)

PS-18FR (for catheters w/ coiled intra-abdominal segment)



### Pull-Apart Introducer Kit

Introducer kit is used to insert catheters percutaneously using modified Seldinger technique. It contains one pull-apart sheath/dilator, one 18ga introducer needle, one 10ml syringe, one J/Straight guide wire, one #11 scalpel, one tunneling stylet and four gauze sponges.

**Order No.**

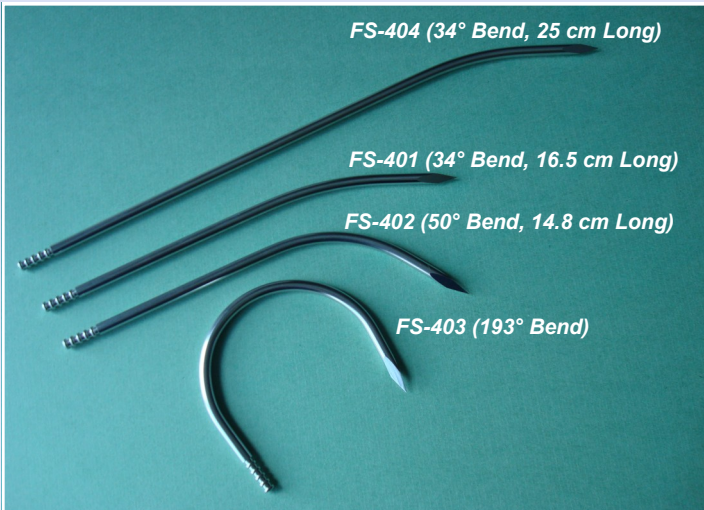
PS-16FRX (for catheters w/ straight intra-abdominal segment)

PS-18FRX (for catheters w/ coiled intra-abdominal segment)

All PD catheters are also available in their kit version with the above insertion components included in the package.

**Order No.**

For kit version, add Suffix "X" to catheter catalog number.



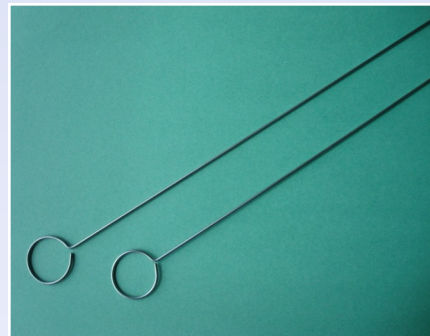
### Faller Stylet

Faller stylet is used to create subcutaneous tunnel. It is a stainless steel device with a cutting edge at one end and ridges at the other end to secure the catheter.

The stylet pulls the catheter through the tunnel and creates the skin exit site in one pass, in exactly the same way as a needle pulls a suture through skin.

Since the faller stylet has the same outer diameter as the Medionics' PD catheters, it creates a snug exit site that requires no suturing, which minimizes exit site complications.

Faller stylet is supplied sterile.



### Stylet

**Order No.**

SST-400 (400mm)

SST-450 (450mm)

SST-500 (500mm)

SST-650 (650mm)

Stylet is used to stiffen and straighten the catheter during insertion. It is available in various lengths for use with catheters of different overall lengths. It is supplied sterile.



### Tenckhoff Trocar

**Order No. TR-400**

TR-400 trocar is designed to fit standard Tenckhoff catheters. It is supplied sterile.





*New Dimensions in Medical Technology*

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