



Dialysis Products



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## Acute Vascular Access



Sterile Contents:

- (1) Catheter (11.5Fr, 12Fr, or 13.5Fr)
- (1) 18ga Safety Introducer Needle
- (1) J/Straight Guidewire
- (1) Tissue Dilator, 10Fr
- (1) Tissue Dilator, 12Fr (11.5Fr and 12Fr Catheters only)

### MAHURKAR™ Protection and Safety Solution (PASS) Trays

- (1) Tissue Dilator, 14Fr (13.5Fr Catheter only)
- (2) 6mL Luer Lock Syringes
- (2) 3mL Luer Lock Syringes [(3) provided with 12Fr Catheter only]
- (1 each) Safety Hypodermic Needles (18ga, 22ga, 25ga)
- (1) 2.0 Nylon Suture with Curved Needle
- (1) Large Fenestrated Drape (72" x 76")
- (2) 5mL Ampule Lidocaine, 1%
- (1) Retractable #11 Safety Scalpel
- (1) Needle Holder
- (1) Chloraprep™\* Applicator Wand (3mL)(2 in 12Fr catheter)
- (1) PVD Ointment (11.5Fr and 13.5Fr Catheters only)
- (2) Telfa™ Island Dressings
- (1) Excilon™ Drain Sponge
- (6) Gauze Sponges
- (2) Sealing Caps (3 Provided w/12Fr Catheter only)
- (1) Drug Label Sheet
- (1) Instructional Sheet
- (2) Monoject™ Pre-Fill Advanced 10mL, 0.9% saline flush for sterile delivery

CODE	EXTENSION	CATHETER	IMPLANT	LUMEN PRIMING VOL. (mL)			SHIP
				ARTERIAL	INFUSION	VENOUS	
8817277027	Straight	11.5Fr	13.5cm	1.0	—	1.1	1
8830416021	Straight	11.5Fr	16cm	1.1	—	1.2	1
8815668027	Straight	11.5Fr	19.5cm	1.2	—	1.3	1
8831663021	Straight	11.5Fr	24cm	1.4	—	1.5	1
8817277021	Curved	11.5Fr	13.5cm	1.1	—	1.2	1
8830416023	Curved	11.5Fr	16cm	1.2	—	1.3	1
8815668021	Curved	11.5Fr	19.5cm	1.3	—	1.4	1
8831663022	Curved	11.5Fr	24cm	1.6	—	1.7	1
8888135137	Straight	13.5Fr	13.5cm	1.3	—	1.4	1
8888135167	Straight	13.5Fr	16cm	1.4	—	1.5	1
8888135197	Straight	13.5Fr	19.5cm	1.6	—	1.7	1
8888135247	Straight	13.5Fr	24cm	1.8	—	1.9	1
8888135138	Curved	13.5Fr	13.5cm	1.4	—	1.5	1
8888135168	Curved	13.5Fr	16cm	1.5	—	1.6	1
8888135198	Curved	13.5Fr	19.5cm	1.7	—	1.8	1
8888135248	Curved	13.5Fr	24cm	1.9	—	2.0	1
8888135139	Pre-Curved	13.5Fr	13.5cm	1.7	—	1.8	1
8888135140	Pre-Curved	13.5Fr	16cm	1.8	—	1.9	1
8888135141	Pre-Curved	13.5Fr	19.5cm	1.9	—	2.0	1
8888135142	Pre-Curved	13.5Fr	24cm	2.1	—	2.2	1
8888104003HP	Straight	12Fr	20cm	1.5	0.5	1.6	1
8888104004HP	Straight	12Fr	24cm	1.7	0.5	1.7	1
8888103001HP	Curved	12Fr	13cm	1.4	0.4	1.4	1
8888103002HP	Curved	12Fr	16cm	1.5	0.4	1.5	1
8888103003HP	Curved	12Fr	20cm	1.6	0.5	1.7	1
8888103004HP	Curved	12Fr	24cm	1.8	0.5	1.8	1

## Acute Vascular Access



### Safety Catheter Insertion Tray (SCIT)

Sterile Contents:

- (1) J/Straight .035" (0.09 cm) x 70 cm Guidewire
- (3) Tissue Dilators: 10 Fr/Ch, 12 Fr/Ch, 14 Fr/Ch
- (3) 3mL Luer Lock Syringes
- (2) 6mL Luer Lock Syringes
- (3) Magellan™ Safety Needles: 18ga, 22ga, 25ga
- (1) 18ga Safety Introducer Needle
- (1) Safety Scalpel
- (2) Tefla™ Island Dressing
- (6) Cotton Gauze Sponges
- (1) Nylon Suture with Curved Needle
- (1) Excilon™ AMD Antimicrobial Drain Sponge
- (1) Chloraprep™\* Applicator Wand (3mL)
- (1) Fenestrated Sterile Drape 72" x 76"
- (2) Monoject™ Pre-Fill Saline Syringes 10mL, 0.9% Saline
- (1) PVD Ointment
- (1) Drug Label Sheet

CODE	DESCRIPTION	SHIP CASE
8888130556	Safety Catheter Insertion Tray (SCIT)	1 each



### Argyle™ Personal Protective Equipment (PPE) Pack

Sterile Contents:

- (1) Impervious Surgical Gown with Cloth Cuffs
- (1) Surgical Bouffant Cap
- (1) Surgical Face Mask with Face Shield
- (1) Large Drape (68" x 110")

CODE	DESCRIPTION	SHIP CASE
8888130555	Argyle™ Personal Protective Equipment (PPE) Pack	1 each

## Acute Vascular Access



### MAHURKAR™\* *Straight Extension Dual Lumen Catheters*

- Made of flexible radiopaque polyurethane with a radiopaque tip
- Patented Double-D™\* lumen design
- Rotatable transparent suture wings
- Catheter extensions imprinted with name, length and priming volumes
- (2) sealing caps
- Sterile

CODE SIDE HOLE	CODE SIDE SLOTS	CATHETER SIZE	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8817142005	—	10Fr	12cm	0.8	0.9	5
8817145005	—	10Fr	15cm	0.9	1.0	5
—	8813816005	11.5Fr	13.5cm	1.0	1.1	5
—	8830414001	11.5Fr	16cm	1.1	1.2	5
—	8813794005	11.5Fr	19.5cm	1.2	1.3	5
—	8831662001	11.5Fr	24cm	1.4	1.5	5



### MAHURKAR™\* *Straight Extension Dual Lumen Catheter Kits*

Sterile Contents:

- (1) Catheter (8, 10 or 11.5Fr)
- (1) 18ga Introducer Needle
- (1) J/Straight Guidewire - (0.032"/8Fr, 0.035"/10Fr or 0.038"/11.5Fr)
- (1) 8Fr or 10Fr Dilator
- (1) 12Fr Dilator (11.5Fr Kits Only)
- (2) Telfa™ Island Dressings
- (2) Sealing Caps
- (1) Optional VitaCuff™ Antimicrobial Cuff Device

CODE SIDE HOLE	CODE SIDE SLOTS	CATHETER SIZE	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8832539001	—	8Fr	9cm	0.8	0.9	5
8832539002	—	8Fr	12cm	0.9	0.9	5
8832539003	—	8Fr	15cm	1.0	1.0	5
8817146001	—	10Fr	15cm	0.9	1.0	5
—	8813817005	11.5Fr	13.5cm	1.0	1.1	5
—	8830415001	11.5Fr	16cm	1.1	1.2	5
—	8813793009	11.5Fr	19.5cm	1.2	1.3	5
—	8831661001	11.5Fr	24cm	1.4	1.5	5
<b>With VitaCuff™* Device</b>						
—	8813817007	11.5Fr	13.5cm	1.0	1.1	1
—	8830415002	11.5Fr	16cm	1.1	1.2	1
—	8813793011	11.5Fr	19.5cm	1.2	1.3	1

## Acute Vascular Access



### MAHURKAR™\* *Straight Extension Dual Lumen Catheter IC Safety Trays*

Sterile Contents:

- (1) 11.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70cm Guidewire
- (1) Tissue Dilator, 10Fr
- (1) Tissue Dilator, 12Fr
- (2) 6mL Luer Lock Syringes
- (2) 3mL Luer Lock Syringes
- (1 each) Hypodermic Needles (18ga, 22ga, 25ga)
- (1) 2.0 Nylon Suture with Curved Needle
- (1) Large Fenestrated Drape (72" x 76")
- (1) 5mL Ampule Lidocaine, 1%
- (1) #11 Scalpel
- (1) Needle Holder
- (1) Chloraprep™\* Applicator Wand (3mL)
- (1) PVD Ointment
- (2) Telfa™ Island Dressings
- (6) Gauze Sponges
- (2) Sealing Caps
- (1) Needle Safety Container
- (1) Optional VitaCuff™\* Antimicrobial Cuff Device

CODE	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
11.5Fr				
8817277007	13.5cm	1.0	1.1	5
8830416001	16cm	1.1	1.2	5
8815668007	19.5cm	1.2	1.3	5
8831663001	24cm	1.4	1.5	5
<b>With VitaCuff™* Device</b>				
8817277009	13.5cm	1.0	1.1	1
8830416002	16cm	1.1	1.2	1
8815668009	19.5cm	1.2	1.3	1



## Acute Vascular Access



### MAHURKAR™\* Curved Extension Dual Lumen Catheters, Sterile

- Patented curved extensions for jugular placement
- 180° curve bends away from patient's neck
- Made of flexible radiopaque polyurethane with a radiopaque tip
- Patented Double-D™\* lumen design
- Rotatable transparent suture wings
- Catheter extensions imprinted with name, length and priming volumes
- (1) 11.5Fr Catheter
- (2) sealing caps
- Sterile

CODE 11.5Fr	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8813816009	13.5cm	1.1	1.2	5
8830414002	16cm	1.2	1.3	5
8813794009	19.5cm	1.3	1.4	5



### MAHURKAR™\* Curved Ext. Dual Lumen Catheter Kits

Sterile Contents:

- (1) 8Fr, 10Fr, or 11.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight Guidewire
- (1) 8Fr Dilator (8Fr catheter only)
- (1) 10Fr Dilator (10Fr and 11.5Fr kits only)
- (1) 12Fr Dilator (11.5Fr catheter only)
- (2) Telfa™ Island Dressings
- (2) Sealing Caps
- (1) Optional VitaCuff™\* Antimicrobial Cuff Device (10Fr & 11.5Fr Only)

CODE SIDE HOLE	CODE SIDE SLOTS	CATHETER SIZE	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8832539006	—	8Fr	12cm	1.0	1.1	5
8832539007	—	8Fr	15cm	1.1	1.2	5
8817143005	—	10Fr	12cm	0.9	1.0	5
8817146007	—	10Fr	15cm	1.0	1.1	5
8817149007	—	10Fr	19.5cm	1.1	1.2	5
—	8813817009	11.5Fr	13.5cm	1.1	1.2	5
—	8830415003	11.5Fr	16cm	1.2	1.3	5
—	8813793013	11.5Fr	19.5cm	1.3	1.4	5

#### With VitaCuff™\* Device

8817143006	—	10Fr	12cm	0.9	1.0	1
8817146008	—	10Fr	15cm	1.0	1.1	1
8817149008	—	10Fr	19.5cm	1.1	1.2	1
—	8813817010	11.5Fr	13.5cm	1.1	1.2	1
—	8830415004	11.5Fr	16cm	1.2	1.3	1
—	8813793014	11.5Fr	19.5cm	1.3	1.4	1

## Acute Vascular Access



### MAHURKAR™\* *Curved Extension Dual Lumen Catheter IC Safety Trays*

Sterile Contents:

- (1) 11.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70cm Guidewire
- (1) Tissue Dilator, 10Fr
- (1) Tissue Dilator, 12Fr
- (2) 6mL Luer Lock Syringes
- (2) 3mL Luer Lock Syringes
- (1 each) Hypodermic Needles (18ga, 22ga, 25ga)
- (1) 2.0 Nylon Suture with Curved Needle
- (1) Large Fenestrated Drape (72" x 76")
- (1) 5mL Ampule Lidocaine, 1%
- (1) #11 Scalpel
- (1) Needle Holder
- (1) ChloraPrep™\* Applicator Wand (3mL)
- (1) PVD Ointment
- (2) Telfa™ Island Dressings
- (6) Gauze Sponges
- (2) Sealing Caps
- (1) Needle Safety Container
- (1) Optional VitaCuff™\* Antimicrobial Cuff Device

CODE	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8817277011	13.5cm	1.1	1.2	5
8830416003	16cm	1.2	1.3	5
8815668011	19.5cm	1.3	1.4	5
8831663002	24cm	1.6	1.7	5
<b>With VitaCuff™* Device</b>				
8817277012	13.5cm	1.1	1.2	1
8830416004	16cm	1.2	1.3	1
8815668012	19.5cm	1.3	1.4	1

## Acute Vascular Access



### MAHURKAR™\* Pre-Curved Dual Lumen Catheter Kits

Sterile Contents:

- (1) 11.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70cm Guidewire
- (1) Tissue Dilator, 10Fr
- (1) Tissue Dilator, 12Fr
- (2) Telfa™ Island Dressings
- (2) Sealing Caps
- (1) Removable Suture Wing

CODE 11.5Fr	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888115132	13.5cm	1.3	1.4	5
8888115162	16cm	1.4	1.5	5
8888115192	19.5cm	1.5	1.6	5
8888115242	24cm	1.7	1.8	5



### MAHURKAR™\* Pre-Curved Dual Lumen Catheter IC Safety Trays

Sterile Contents:

- (1) 11.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70cm Guidewire
- (1) Tissue Dilator, 10Fr
- (1) Tissue Dilator, 12Fr
- (2) 6mL Luer Lock Syringes
- (2) 3mL Luer Lock Syringes
- (1 each) Hypodermic Needles (18ga, 22ga, 25ga)
- (1) 2.0 Nylon Suture with Curved Needle
- (1) Large Fenestrated Drape (72" x 76")
- (1) 5mL Ampule Lidocaine, 1%
- (1) #11 Scalpel
- (1) Needle Holder
- (1) ChloraPrep™\* Applicator Wand (3mL)
- (1) PVD Ointment
- (2) Telfa™ Island Dressings
- (6) Gauze Sponges
- (1) Needle Safety Holder
- (2) Sealing Caps
- (1) Removable Suture Wing

CODE 11.5Fr	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888115133	13.5cm	1.3	1.4	5
8888115163	16cm	1.4	1.5	5
8888115193	19.5cm	1.5	1.6	5
8888115243	24cm	1.7	1.8	5

## Acute Vascular Access

### MAHURKAR™\* 13.5Fr High Flow Catheter Kits and Trays

- Larger Double-D™\* lumen design optimizes flow with lower arterial pressure
- Polyurethane material facilitates ease of insertion yet softens at body temperature
- Laser-Cut side slots designed to reduce the likelihood for positional occlusion and clot formation by minimizing debris attachment
- Multiple catheter configurations and sizes accommodate various insertion sites
- Soft, atraumatic green tip designed to reduce vessel trauma during insertion
- Clear silicone extensions provide kink resistance and view of blood
- Durable Ultem™\* adapters resist cracking
- Transparent, rotatable suture wing facilitates easy viewing of insertion site
- Radiopaque for quick visualization



### MAHURKAR™\* 13.5Fr High Flow *Straight Extension* Dual Lumen Catheter Kits

Sterile Contents:

- (1) 13.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70cm Guidewire
- (1) 10Fr Dilator
- (1) 14Fr Dilator
- (2) Telfa™ Island Dressings
- (2) Sealing Caps

CODE 13.5Fr	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888135131	13.5cm	1.3	1.4	5
8888135161	16cm	1.4	1.5	5
8888135191	19.5cm	1.6	1.7	5
8888135241	24cm	1.8	1.9	5

## Acute Vascular Access



### MAHURKAR™\* 13.5Fr High Flow *Straight Extension* Dual Lumen Catheter IC Safety Trays

Sterile Contents:

- (1) 13.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70cm Guidewire
- (2) 6mL Syringe
- (2) 3mL Syringe
- (1) 10Fr Dilator
- (1) 14Fr Dilator
- (1 each) Hypodermic Needles (18ga, 22ga, 25ga)
- (1) 2.0 Nylon Suture with Curved Needle
- (1) Large Fenestrated Drape (72" x 76")
- (1) 5mL Ampule Lidocaine, 1%
- (1) #11 Scalpel
- (1) Needle Holder
- (1) ChloraPrep™\* Applicator Wand (3mL)
- (1) PVD Ointment
- (2) Telfa™ Island Dressings
- (6) Gauze Sponges
- (1) Needle Safety Holder
- (2) Sealing Caps

CODE	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
13.5Fr				
8888135134	13.5cm	1.3	1.4	5
8888135164	16cm	1.4	1.5	5
8888135194	19.5cm	1.6	1.7	5
8888135244	24cm	1.8	1.9	5



### MAHURKAR™\* 13.5Fr High Flow *Curved Extension* Dual Lumen Catheter Kits

Sterile Contents:

- (1) 13.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70cm Guidewire
- (1) 10Fr Dilator
- (1) 14Fr Dilator
- (2) Telfa™ Island Dressings
- (2) Injection Sealing Caps

CODE	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
13.5Fr				
8888135132	13.5cm	1.4	1.5	5
8888135162	16cm	1.5	1.6	5
8888135192	19.5cm	1.7	1.8	5
8888135242	24cm	1.9	2.0	5

## Acute Vascular Access



### MAHURKAR™\* 13.5Fr High Flow Curved Extension Dual Lumen Catheter IC Safety Trays

Sterile Contents:

- (1) 13.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70cm Guidewire
- (2) 6mL Syringe
- (2) 3mL Syringe
- (1) 10Fr Dilator
- (1) 14Fr Dilator
- (1 each) Hypodermic Needles (18ga, 22ga, 25ga)
- (1) 2.0 Nylon Suture with Curved Needle
- (1) Large Fenestrated Drape (72" x 76")
- (1) 5mL Ampule Lidocaine, 1%
- (1) #11 Scalpel
- (1) Needle Holder
- (1) ChloraPrep™\* Applicator Wand (3mL)
- (1) PVD Ointment
- (2) Telfa™ Island Dressings
- (6) Gauze Sponges
- (1) Needle Safety Holder
- (2) Sealing Caps

CODE 13.5Fr	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888135135	13.5cm	1.4	1.5	5
8888135165	16cm	1.5	1.6	5
8888135195	19.5cm	1.7	1.8	5
8888135245	24cm	1.9	2.0	5



### MAHURKAR™\* 13.5Fr High Flow Pre-Curved Dual Lumen Catheter Kits

Sterile Contents:

- (1) 13.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70cm Guidewire
- (1) Removable Suture Wing
- (1) 10Fr Dilator
- (1) 14Fr Dilator
- (2) Telfa™ Island Dressings
- (2) Sealing Caps

CODE 13.5Fr	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888135133	13.5cm	1.7	1.8	5
8888135163	16cm	1.8	1.9	5
8888135193	19.5cm	1.9	2.0	5
8888135243	24cm	2.1	2.2	5

## Acute Vascular Access



### MAHURKAR™\* 13.5Fr High Flow Pre-Curved Dual Lumen Catheter IC Safety Trays

Sterile Contents:

- (1) 13.5Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70cm Guidewire
- (1) Removable Suture Wing
- (2) 6mL Syringe
- (2) 3mL Syringe
- (1) 10Fr Dilator
- (1) 14Fr Dilator
- (1 each) Hypodermic Needles (18ga, 22ga, 25ga)
- (1) 2.0 Nylon Suture with Curved Needle
- (1) Large Fenestrated Drape (72" x 76")
- (1) 5mL Ampule Lidocaine, (1%)
- (1) #11 Scalpel
- (1) Needle Holder
- (1) ChloraPrep™\* Applicator Wand (3mL)
- (1) PVD Ointment
- (2) Telfa™ Island Dressings
- (6) Gauze Sponges
- (1) Needle Safety Holder
- (2) Sealing Caps

CODE	IMPLANT LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
13.5Fr				
8888135136	13.5cm	1.7	1.8	5
8888135166	16cm	1.8	1.9	5
8888135196	19.5cm	1.9	2.0	5
8888135246	24cm	2.1	2.2	5

## Acute Vascular Access



Modified Double-D™ Design

### MAHURKAR™ 12Fr High Pressure Triple Lumen Catheters: Indicated For Dialysis, Apheresis, Infusion, High Pressure Injection & Central Venous Pressure Monitoring

- Laser-Cut side slots designed to reduce the likelihood for positional occlusion and clot formation by minimizing debris attachment.
- Soft Atraumatic Tip designed to reduce vessel trauma during insertion.
- 19ga. Distinctive 3rd Dedicated line.
- Modified Double-D™ Lumen design ensures equal and consistent flow rates.
- Imprinted Printing Volumes on catheter extensions quickly identify catheter locking volumes.
- 180° Curved Extensions help stabilize the catheter and provide patient comfort.
- Rotatable Suture Wings enable the tip to be rotated after implantation and stabilizes the catheter.

### MAHURKAR™ 12Fr High Pressure Triple Lumen Catheter Kits

Sterile Contents:

- (1) 12Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.035" x 70cm Guidewire
- (1) 10Fr Dilator
- (1) 12Fr Dilator
- (2) Telfa™ Island Dressings
- (3) Sealing Caps

CODE 12Fr	IMPLANT LENGTH	LUMEN PRIMING VOLUMES (mL)			SHIP CASE
		RED OR ARTERIAL	BLUE OR DIS	CLEAR OR MEDIAL	
<b>Curved Extension</b>					
8888345603HP	13cm	1.4	1.4	0.4	5
8888345611HP	16cm	1.5	1.5	0.4	5
8888345629HP	20cm	1.6	1.7	0.5	5
8888345637HP	24cm	1.8	1.8	0.5	5
<b>Straight Extension</b>					
8888340629HP	20cm	1.5	1.6	0.5	5
8888340637HP	24cm	1.7	1.7	0.5	5



## Acute Vascular Access



### MAHURKAR™ 12Fr High Pressure Triple Lumen Catheter IC Safety Trays

Sterile Contents:

- (1) 12Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.035" x 70cm Guidewire
- (2) 6mL Syringe
- (3) 3mL Syringe
- (1) 10Fr Dilator
- (1) 12Fr Dilator
- (1 each) Hypodermic Needles (18ga, 22ga, 25ga)
- (1) 2.0 Nylon Suture with Curved Needle
- (1) Large Fenestrated Drape (72" x 76")
- (1) 5mL Ampule Lidocaine, 1%
- (1) #11 Scalpel
- (1) Needle Holder
- (1) ChloraPrep™\* Applicator Wand (3mL)
- (2) Telfa™ Island Dressings
- (6) Gauze Sponges
- (1) Needle Safety Holder
- (3) Sealing Caps

CODE 12Fr	CATHETER EXTENSIONS	IMPLANT LENGTH	LUMEN PRIMING VOLUMES (mL)			SHIP CASE
			RED OR ARTERIAL	BLUE OR DIS	CLEAR OR MEDIAL	
8888101001HP	Curved	13cm	1.4	1.4	0.4	5
8888101002HP	Curved	16cm	1.5	1.5	0.4	5
8888101003HP	Curved	20cm	1.6	1.7	0.5	5
8888101004HP	Curved	24cm	1.8	1.8	0.5	5
8888102003HP	Straight	20cm	1.5	1.6	0.5	5
8888102004HP	Straight	24cm	1.7	1.7	0.5	5



### Argyle™ 8Fr Single Lumen *Straight Extension* Catheter

- Made of flexible radiopaque polyurethane
- Five outflow holes spiral near the tapered tip
- Rotatable transparent suture wings
- Luer-lock adapter
- Extension imprinted with priming volumes
- Sterile

CODE 8Fr	IMPLANT LENGTH	OVERALL LENGTH	PRIMING VOLUME (mL)	SHIP CASE
8817232019	19.5cm	29.0cm	1.2	5



### Argyle™ 8Fr Single Lumen *Straight Extension* Catheter Kits

Sterile Contents:

- (1) 8Fr Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.035" Guidewire
- (1) Sealing Cap

CODE 8FR	IMPLANT LENGTH	OVERALL LENGTH	PRIMING VOLUME (ML)	SHIP CASE
8831173010	15cm	24.5cm	1.0	5
8831173011	19.5cm	29.0cm	1.2	5

## Chronic Vascular Access

### Palindrome™ Symmetric Tip Dual Lumen Catheter

Unique symmetric tip and laser-cut side slots minimize recirculation and likelihood of positional occlusion, as well as reduce clot formation by decreasing debris attachment.

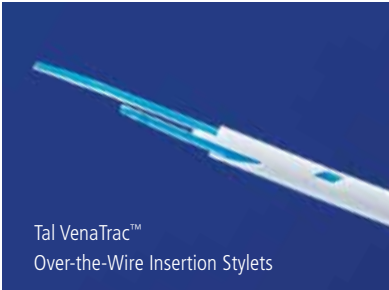
\*Available with or without Tal VenaTrac™ over-the-wire insertion stylet.



### Palindrome™ Symmetric Tip Dual Lumen Catheter Sport Packs

Sterile Contents:

- (1) 14.5Fr Symmetric Tip Catheter
- (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets (available option)
- (1) 16Fr Valved Pull-Apart Sheath/Dilator
- (1) Bifurcated Tunneler
- (1) 12Fr Tissue Dilator
- (1) 14Fr Tissue Dilator
- (2) Sealing Caps



CODE 14.5Fr	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888119360	19cm	36cm	1.6	1.6	5
8888123400	23cm	40cm	1.9	1.9	5
8888128450	28cm	45cm	2.1	2.1	5
8888133500	33cm	50cm	2.3	2.3	5
<b>With Tal VenaTrac™ Insertion Stylets</b>					
8888119364	19cm	36cm	1.6	1.6	5
8888123404	23cm	40cm	1.9	1.9	5
8888128454	28cm	45cm	2.1	2.1	5
8888133504	33cm	50cm	2.3	2.3	5

## Chronic Vascular Access



### Palindrome™ Symmetric Tip Dual Lumen Catheter Kits

Sterile Contents:

- (1) 14.5Fr Symmetric Tip Catheter
- (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets (additional option)
- (1) 16Fr Valved Pull-Apart Sheath/Dilator
- (1) Bifurcated Tunneler
- (1) 12Fr Tissue Dilator
- (1) 14Fr Tissue Dilator
- (2) Sealing Caps
- (1) Introducer Needle, 18 Gauge
- (1) J/Straight .038" Guidewire
- (1) 12mL Syringe
- (1) #11 Scalpel
- (2) Telfa™ Island Dressing
- (4) 4" x 4" Cotton Gauze Sponges



Tal VenaTrac™  
Over-the-Wire Insertion Stylets

CODE	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
14.5Fr					
8888145014	19cm	36cm	1.6	1.6	5
8888145015	23cm	40cm	1.9	1.9	5
8888145016	28cm	45cm	2.1	2.1	5
8888145017	33cm	50cm	2.3	2.3	5
8888145018	55cm	72cm	3.1	3.1	5
<b>With Tal VenaTrac™ Insertion Stylets</b>					
8888145039	19cm	36cm	1.6	1.6	5
8888145040	23cm	40cm	1.9	1.9	5
8888145041	28cm	45cm	2.1	2.1	5
8888145042	33cm	50cm	2.3	2.3	5



### Palindrome™ Pre-Curved Symmetric Tip Dual Lumen Catheter Sport Packs

Sterile Contents:

- (1) 14.5Fr Symmetric Tip Catheter
- (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets
- (1) 16Fr Valved Pull-Apart Sheath/Dilator
- (1) Bifurcated Tunneler
- (1) 12Fr Tissue Dilator
- (1) 14Fr Tissue Dilator
- (2) Sealing Caps

CODE	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
14.5Fr					
8888119370	19cm	36cm	1.6	1.6	5
8888123410	23cm	40cm	1.9	1.9	5
8888128460	28cm	45cm	2.1	2.1	5
8888133510	33cm	50cm	2.3	2.3	5

## Chronic Vascular Access



### Palindrome™ Pre-Curved Symmetric Tip Dual Lumen Catheter Kit

Sterile Contents:

- (1) 14.5Fr Symmetric Tip Catheter
- (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets
- (1) 16Fr Valved Pull-Apart Sheath/Dilator
- (1) Bifurcated Tunneler
- (1) 12Fr Tissue Dilator
- (1) 14Fr Tissue Dilator
- (2) Sealing Caps
- (1) 18ga Introducer Needle
- (1) J/Straight .038" Guidewire
- (1) 12mL Syringe
- (1) #11 Scalpel
- (2) Telfa™ Island Dressing
- (4) 4" x 4" Cotton Gauze Sponges

CODE	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888145058	19cm	36cm	1.6	1.6	5
8888145059	23cm	40cm	1.9	1.9	5
8888145060	28cm	45cm	2.1	2.1	5
8888145061	33cm	50cm	2.3	2.3	5

## Chronic Vascular Access

### Palindrome™ H–Heparin Coated Dialysis Catheter

Decreases the likelihood of clot formation and inhibits fibrin sheath propagation with its non-eluting heparin coating.

\*Straight and Pre-Curved Options



### Palindrome™ H–Heparin Coated Dialysis Catheter

- Sterile Contents:
- (1) 14.5Fr Symmetric Tip Catheter
  - (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets
  - (1) 16Fr Valved Pull-Apart Sheath/Dilator
  - (1) Bifurcated Tuner
  - (1) 12Fr Tissue Dilator
  - (1) 14Fr Tissue Dilator
  - (2) Sealing Caps

CODE 14.5Fr	DESCRIPTION	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888119365	Straight	19cm	36cm	1.6	1.6	5
8888123405	Straight	23cm	40cm	1.9	1.9	5
8888128455	Straight	28cm	45cm	2.1	2.1	5
8888133505	Straight	33cm	50cm	2.3	2.3	5
8888119371	Pre-Curved	19cm	36cm	1.6	1.6	5
8888123411	Pre-Curved	23cm	40cm	1.9	1.9	5
8888128461	Pre-Curved	28cm	45cm	2.1	2.1	5
8888133511	Pre-Curved	33cm	50cm	2.3	2.3	5



### Palindrome™ H–Heparin Coated Dialysis Catheter Kits

- Sterile Contents:
- (1) 14.5Fr Symmetric Tip Catheter
  - (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets
  - (1) 16Fr Valved Pull-Apart Sheath/Dilator
  - (1) Bifurcated Tuner
  - (1) 12Fr Tissue Dilator
  - (1) 14Fr Tissue Dilator
  - (2) Sealing Caps
  - (1) 18ga Introducer Needle
  - (1) J/Straight .038" Guidewire
  - (1) 12mL Syringe
  - (1) #11 Scalpel
  - (2) Telfa™ Island Dressing
  - (4) 4" x 4" Cotton Gauze Sponges

CODE 14.5Fr	DESCRIPTION	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888145043	Straight	19cm	36cm	1.6	1.6	5
8888145044	Straight	23cm	40cm	1.9	1.9	5
8888145045	Straight	28cm	45cm	2.1	2.1	5
8888145046	Straight	33cm	50cm	2.3	2.3	5
8888145068	Pre-Curved	19cm	36cm	1.6	1.6	5
8888145069	Pre-Curved	23cm	40cm	1.9	1.9	5
8888145070	Pre-Curved	28cm	45cm	2.1	2.1	5
8888145071	Pre-Curved	33cm	50cm	2.3	2.3	5

## Chronic Vascular Access

### Palindrome™ SI–Silver Ion Antimicrobial Dialysis Catheter

Reduces microbial colonization on the catheter surface with a silver ion sleeve.



#### Palindrome™ SI–Silver Ion Antimicrobial Dialysis Catheter Sport Packs

- Sterile Contents:
- (1) 14.5Fr Symmetric Tip Catheter
  - (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets
  - (1) 16Fr Valved Pull-Apart Sheath/Dilator
  - (1) Bifurcated Tunneler
  - (1) 12Fr Tissue Dilator
  - (1) 14Fr Tissue Dilator
  - (2) Sealing Caps

CODE	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
14.5Fr					
8888119368	19cm	36cm	1.6	1.6	5
8888123408	23cm	40cm	1.9	1.9	5
8888128458	28cm	45cm	2.1	2.1	5
8888133508	33cm	50cm	2.3	2.3	5



#### Palindrome™ SI–Silver Ion Antimicrobial Dialysis Catheter Kits

- Sterile Contents:
- (1) 14.5Fr Symmetric Tip Catheter
  - (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets
  - (1) 16Fr Valved Pull-Apart Sheath/Dilator
  - (1) Bifurcated Tunneler
  - (1) 12Fr Tissue Dilator
  - (1) 14Fr Tissue Dilator
  - (2) Sealing Caps
  - (1) 18ga Introducer Needle
  - (1) J/Straight .038" Guidewire
  - (1) 12mL Syringe
  - (1) #11 Scalpel
  - (2) Telfa™ Island Dressing
  - (4) 4" x 4" Cotton Gauze Sponges

CODE	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
14.5Fr					
8888145062	19cm	36cm	1.6	1.6	5
8888145063	23cm	40cm	1.9	1.9	5
8888145064	28cm	45cm	2.1	2.1	5
8888145065	33cm	50cm	2.3	2.3	5
8888145066*	55cm	72cm	3.1	3.1	5

\*Does not include Tal VenaTrac™\* insertion stylets

## Chronic Vascular Access

### Palindrome™ HSI–Heparin Coated and Silver Ion Antimicrobial Dialysis Catheter

The Palindrome™ HSI–Heparin Coated and Silver Ion Antimicrobial Dialysis Catheter is the premier dialysis catheter, incorporating the non-eluting heparin coating to decrease the likelihood of clot formation and fibrin sheath propagation along with the silver ion sleeve to reduce microbial colonization on the catheter surface.



#### Palindrome™ HSI–Heparin Coated and Silver Ion Antimicrobial Dialysis Catheter Sport Packs

Sterile Contents:

- (1) 14.5Fr Symmetric Tip Catheter
- (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets
- (1) 16Fr Valved Pull-Apart Sheath/Dilator
- (1) Bifurcated Tunneler
- (1) 12Fr Tissue Dilator
- (1) 14Fr Tissue Dilator
- (2) Sealing Caps

CODE 14.5Fr	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888119369	19cm	36cm	1.6	1.6	5
8888123409	23cm	40cm	1.9	1.9	5
8888128459	28cm	45cm	2.1	2.1	5
8888133509	33cm	50cm	2.3	2.3	5



#### Palindrome™ HSI–Heparin Coated and Silver Ion Antimicrobial Dialysis Catheter Kits

Sterile Contents:

- (1) 14.5Fr Symmetric Tip Catheter
- (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets
- (1) 16Fr Valved Pull-Apart Sheath/Dilator
- (1) Bifurcated Tunneler
- (1) 12Fr Tissue Dilator
- (1) 14Fr Tissue Dilator
- (2) Sealing Caps
- (1) 18ga Introducer Needle
- (1) J/Straight .038" Guidewire
- (1) 12mL Syringe
- (1) #11 Scalpel
- (2) Telfa™ Island Dressing
- (4) 4" x 4" Cotton Gauze Sponges

CODE 14.5Fr	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888145057	19cm	36cm	1.6	1.6	5
8888145048	23cm	40cm	1.9	1.9	5
8888145049	28cm	45cm	2.1	2.1	5
8888145050	33cm	50cm	2.3	2.3	5

## Chronic Vascular Access

### Palindrome™ RT–Reverse Tunneled Dialysis Catheter

Allows for precise tip placement and ideal tunnel trajectory using the retrograde tunnel technique.



#### Palindrome™ RT–Reverse Tunneled Dialysis Catheter Kits

Sterile Contents:

- (1) Catheter/Valve Adapter Assembly
- (1) Hub/Back-end Assembly with Colored End Cap
- (1) Hub Snap Connector
- (1) Tunneler
- (1) Additional Tunneler Cap
- (1) Syringe
- (4) 4" x 4" Cotton Gauze Sponges
- (1) 12Fr (4.0mm) Dilator
- (1) 14Fr (4.7mm) Dilator
- (1) 16Fr (5.3mm) Valved Pull-Apart Sheath/Dilator
- (1) Telfa™ Island Dressing
- (2) Smooth Jawed Forceps
- (2) Sealing Caps
- (1) External Measuring Kit (Includes 18G [1.2 mm] Introducer) Needle, #11 scalpel, 0.038" (0.965 mm) J/straight guidewire)

CODE	INSERTION LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888541019	19cm	39cm	1.5	1.5	5
8888541023	23cm	43cm	1.7	1.7	5
8888541028	28cm	48cm	1.9	1.9	5
8888541033	33cm	53cm	2.1	2.1	5
8888541044	44cm	64cm	2.5	2.5	5
8888541055	55cm	75cm	3.0	3.0	5



#### Palindrome™ RT–Reverse Tunneled Dialysis Repair Catheter Kits

Sterile Contents:

- (1) Hub/Back-end assembly
- (1) Hub snap connector
- (1) Smooth jawed forceps
- (1) Sealing caps
- (1) Drape
- (1) Ruler

CODE	INSERTION LENGTH	SHIP CASE
8888541119	19cm	1
8888541123	23cm	1
8888541128	28cm	1
8888541133	33cm	1
8888541144	44cm	1
8888541155	55cm	1

Note: Ensure the catheter repair kit corresponds to the same implant length catheter.



## Chronic Vascular Access



### MAHURKAR™\* 14.5Fr Dual Lumen Catheter Sport Packs

- Sterile Contents:
- (1) 14.5Fr Catheter
  - (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets (Available Option)
  - (1) 16Fr Valved Pull-Apart Sheath/Dilator
  - (1) Tunneling Stylet, 21cm
  - (1) 12Fr Tissue Dilator
  - (1) 14Fr Tissue Dilator
  - (2) Sealing Caps

CODE 14.5Fr	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888119385	19cm	36cm	1.6	1.7	5
8888123435	23cm	40cm	1.8	1.9	5
8888128485	28cm	45cm	2.0	2.1	5
8888133535	33cm	50cm	2.2	2.3	5
With Tal VenaTrac™ Insertion Stylets					
8888119362	19cm	36cm	1.6	1.7	5
8888123402	23cm	40cm	1.8	1.9	5
8888128452	28cm	45cm	2.0	2.1	5
8888133502	33cm	50cm	2.2	2.3	5



### MAHURKAR™\* 14.5Fr Dual Lumen Catheter Kits

- Sterile Contents:
- (1) 14.5Fr Catheter
  - (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets (Available Option)
  - (1) 16Fr Valved Pull-Apart Sheath/Dilator
  - (1) Tunneling Stylet, 21cm
  - (1) 12Fr Tissue Dilator
  - (1) 14Fr Tissue Dilator
  - (2) Sealing Caps
  - (1) 18ga Introducer Needle
  - (1) J/Straight .038" Guidewire
  - (1) 12mL Syringe
  - (1) #11 Scalpel
  - (2) Telfa™ Island Dressing
  - (4) 4" x 4" Cotton Gauze Sponges

CODE 14.5Fr	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888145251	19cm	36cm	1.6	1.7	5
8888145252	23cm	40cm	1.8	1.9	5
8888145253	28cm	45cm	2.0	2.1	5
8888145254	33cm	50cm	2.2	2.3	5
With Tal VenaTrac™ Insertion Stylets					
8888145027	19cm	36cm	1.6	1.7	5
8888145028	23cm	40cm	1.8	1.9	5
8888145029	28cm	45cm	2.0	2.1	5
8888145030	33cm	50cm	2.2	2.3	5

## Chronic Vascular Access



### MAHURKAR™\* 14.5Fr Dual Lumen Catheter Trays

Sterile Contents:

- (1) 14.5Fr Catheter
- (2) Tal VenaTrac™ Over-the-Wire Insertion Stylets (Available Option)
- (1) 16Fr Valved Pull-Apart Sheath/Dilator
- (1) Tunneling Stylet, 21cm
- (1) 12Fr Tissue Dilator
- (1) 14Fr Tissue Dilator
- (2) Sealing Caps
- (1) 18ga Introducer Needle
- (1) J/Straight .038" Guidewire
- (2) 12mL Syringes
- (1) #11 Scalpel
- (2) Telfa™ Island Dressing
- (4) 4" x 4" Cotton Gauze Sponges
- (2) 2" x 2" Cotton Gauze Sponges
- (2) 3mL Luer-Lock Syringes
- (1 each) Hypodermic Needles (18ga, 22ga, 25ga)
- (1) 2.0 Suture with Curved Needle
- (1) Fenestrated Drape
- (2) 5mL Ampule Lidocaine, 1%
- (1) Needle Holder
- (1) Packet PVD Swabs

CODE 14.5Fr	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8888145255	19cm	36cm	1.6	1.7	1
8888145256	23cm	40cm	1.8	1.9	1
8888145257	28cm	45cm	2.0	2.1	1
8888145258	33cm	50cm	2.2	2.3	1
With Tal VenaTrac™ Insertion Stylets					
8888145031	19cm	36cm	1.6	1.7	1
8888145032	23cm	40cm	1.8	1.9	1
8888145033	28cm	45cm	2.0	2.1	1
8888145034	33cm	50cm	2.2	2.3	1



### Palindrome™ and MAHURKAR™\* Hemodialysis Repair Kit

Sterile Contents

- (1) Arterial Repair Assembly
- (1) Venous Repair Assembly
- (2) Sealing Caps
- (2) Temporary Slide Clamps
- (1) Drape
- (1) Disposable Scissors
- (1) Measurement Guide
- (1) Priming Volume Label Sheet

CODE	DESCRIPTION	SHIP CASE
8888200001	Hemodialysis Repair Kit	1

Note: Repairs Palindrome™ chronic dialysis catheters (except Palindrome™ RT) and MAHURKAR™\* acute and chronic catheters.

## Chronic Vascular Access



### Tandem-Cath™ Dual Lumen Catheter Kits

- Dual Catheter System with streamlined insertion
- Carbothane™ construction
- High flows

Sterile Contents:

- (2) 10Fr Catheters
- (2) Extension Adapters
- (2) 18ga Introducer Needles
- (2) J/Straight .038" Guidewire
- (1) 7Fr Valved Pull-Apart Sheath/Dilator\*
- (2) 10.5Fr Valved Pull-Apart Sheath/Dilator\*
- (2) Tunneling Stylets, 15cm
- (2) Tunnel/Cuff Devices
- (2) 3mL Syringes
- (2) 6mL Syringes
- (2) Telfa™ Island Dressings
- (4) 4" x 4" Cotton Gauze Sponges
- (4) Flat Clamps
- (1) #11 Scalpel
- (2) Sealing Caps
- (1) Statlock™ Catheter Securement device

\*Made with PolyTetra FluoroEthylene (PTFE)

CODE	TIP TO CUFF LENGTH	SHIP CASE	TIP TO HUB LENGTH	PRIMING VOLUME (mL)
14.5Fr				
8888219226	19A / 22Vcm	1	30cm	1.7
8888223266	23A / 26Vcm	1	35cm	1.9
8888228316	28A / 31Vcm	1	40cm	2.1
			45cm	2.3
			50cm	2.5



### Tandem-Cath™ Dual Lumen Catheter Repair Kits

Sterile Components:

- (2) Flat Clamps
- (2) Sealing Caps
- (1) Red Extension Assembly
- (1) Blue Extension Assembly

CODE	DESCRIPTION	SHIP CASE
8888200006	Tandem-Cath Repair Kit	1

Note: To be repaired, an indwelling catheter must have at least 3cm external tubing at the exit site.

\*Silicone Adhesive is packaged individually and must be ordered separately to ensure maximum shelf-life.

See Page #39 for ordering information (Code #8810807001).

## Chronic Vascular Access



### Permcath™ Dual Lumen Catheters

- Made of soft silicone rubber
- 2.5cm separation between arterial lumen and venous tip
- May be implanted in the jugular, subclavian or femoral vein
- Flexible silicone suture wings
- Felt cuff anchors catheter subcutaneously
- Clear extensions imprinted with priming volumes
- Two Sealing Caps
- **Pediatric option available**

Code	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8815132001	19cm	36cm	1.3	1.4	1
8817606001	23cm	40cm	1.4	1.5	1
Pediatric					
8815543001	13cm	28cm	0.8	0.85	1



### Permcath™ Dual Lumen Catheter Kits

Sterile Contents:

- (1) Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight .038" Guidewire
- (1) 12mL Syringe
- (1) 10Fr Dilator (13cm only)
- (1) 12Fr Dilator (except 13cm)
- (1) #11 Scalpel
- (1) Tunneling Stylet
- (1) Oval Pull-Apart Sheath/Dilator
- (4) 4" x 4" Cotton Gauze Sponges
- (2) Telfa™ Island Dressings
- (2) Sealing Caps

Code	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8817748001	19cm	36cm	1.3	1.4	5
8817749001	23cm	40cm	1.4	1.5	5
8831692001	28cm	45cm	1.6	1.7	5
Pediatric					
8834369001	13cm	28cm	0.8	0.85	5

## Chronic Vascular Access



### Permcath™ Dual Lumen Catheter Insertion Trays

Sterile Contents:

- (1) Catheter
- (2) Sealing Caps
- (1) Fenestrated Drape
- (2) 5mL Ampules Lidocaine 1%
- (1) 18ga Introducer Needle
- (1) J/Straight .038" Guidewire
- (1) 10Fr Dilator (13cm only)
- (1) 12Fr Dilator (except 13cm)
- (1) Oval Pull-Apart Sheath/Dilator
- (1) Tunneling Stylet
- (2) 3mL Syringes
- (2) 6mL Syringes
- (1 each) Hypodermic Needles (18ga, 22ga and 25ga)
- (1) Needle Holder
- (1) #11 Scalpel
- (1) Suture with Curved Needle
- (1) PVD Ointment
- (1) Packet PVD Swabs
- (6) 4" x 4" Cotton Gauze Sponges
- (2) Telfa™ Island Dressings

Code	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8817680001	19cm	36cm	1.3	1.4	1
8817681001	23cm	40cm	1.4	1.5	1
8831693001	28cm	45cm	1.6	1.7	1
Pediatric					
8834370001	13cm	28cm	0.8	0.85	1



### Permcath™ Dual Lumen Catheter Repair Kits

Replacement Section with Dual Extensions

- Luer-lock Adapters
- In-line Clamps
- Silicone Rubber Repair Sleeve
- (2) D-Shaped Lumen Connectors

Sterile Contents:

- (1) Replacement Section with Dual Extensions
- (1) 1mL Syringe with Blunted Needle
- (2) Sealing Caps

CODE	FOR DUAL LUMEN CATHETER	SHIP CASE
8888680009	Permcath, 13cm	1
8888169001	Permcath, 19cm	1
8888169003	Permcath, 23cm	1

Note: Repair Kits are not universal. They must be ordered for the specific size catheter.

To be repaired, an indwelling catheter must have at least 3cm external tubing at the exit site.

\*Silicone Adhesive is packaged individually and must be ordered separately to ensure maximum shelf-life.

See Page #39 for ordering information (Code #8810807001).

## Chronic Vascular Access



### MAHURKAR™\* 13.5Fr Silicone Cuffed Catheter Kits

- Made of soft silicone rubber
- Radiopaque
- 2.5cm separation between arterial lumen and venous tip
- May be implanted in the jugular, subclavian or femoral vein
- Flexible silicone suture wings
- Felt cuff anchors catheter subcutaneously
- Clear extensions imprinted with priming volumes

Sterile Contents:

- (1) Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight .038" Guidewire
- (1) 12mL Syringe
- (1) 12Fr Dilator
- (1) #11 Scalpel
- (1) Tunneling Stylet
- (1) Pull-Apart Sheath/Dilator
- (4) 4" x 4" Cotton Gauze Sponges
- (2) Telfa™ Island Dressings
- (2) Sealing Caps

Code	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8833074001	19cm	36cm	1.4	1.5	5
8833074002	23cm	40cm	1.5	1.6	5
8833074003	28cm	45cm	1.7	1.8	5
8833074004	33cm	50cm	1.9	2.0	5



### MAHURKAR™\* 13.5Fr Silicone Cuffed Catheter Insertion Trays

Sterile Contents:

- (1) Catheter
- (1) 18ga Introducer Needle
- (1) Fenestrated Drape
- (2) 5mL Ampules Lidocaine 1%
- (1) J/Straight .038" Guidewire
- (1) 12Fr Dilator
- (1) Tunneling Stylet
- (1) Pull-Apart Sheath/Dilator
- (2) 6mL Syringes
- (2) 3mL Syringes
- (1 each) Hypodermic Needles (18ga, 22ga and 25ga)
- (1) Needle Holder
- (1) Suture with Curved Needle
- (1) #11 Scalpel
- (1) PVD Ointment
- (1) Packet PVD Swabs
- (6) 4" x 4" Cotton Gauze Sponges
- (2) Telfa™ Island Dressings
- (2) Sealing Caps

Code	IMPLANT LENGTH	OVERALL LENGTH	ARTERIAL PRIMING VOLUME (mL)	VENOUS PRIMING VOLUME (mL)	SHIP CASE
8833052002	23cm	40cm	1.5	1.6	1
8833052003	28cm	45cm	1.7	1.8	1

## Peritoneal Access



### Argyle™ Swan Neck Curl Cath Peritoneal Catheters

CODE	CATHETER DESCRIPTION	SHIP CASE
8888413807	Swan Neck Curl Cath Catheter 2 Cuff Left, 62.5cm	1
8888413815	Swan Neck Curl Cath Catheter 2 Cuff Right, 62.5cm	1



### Argyle™ Swan Neck Curl Cath Missouri Peritoneal Catheters

CODE	CATHETER DESCRIPTION	SHIP CASE
8888413401	Swan Neck Curl Cath Missouri Catheter, 2 Cuff Left, 62cm	1
8888413419	Swan Neck Curl Cath Missouri Catheter, 2 Cuff Right, 62cm	1



### Argyle™ Swan Neck Missouri Peritoneal Catheters

CODE	CATHETER DESCRIPTION	SHIP CASE
8888412601	Swan Neck Missouri Catheter 2 Cuff Left, 44.5cm	1
8888412619	Swan Neck Missouri Catheter 2 Cuff Right, 44.5cm	1



### Argyle™ Moncrief-Popovich Swan Neck Curl Cath Peritoneal Catheter

CODE	CATHETER DESCRIPTION	SHIP CASE
8888414029	Swan Neck Moncrief-Popovich Swan Neck Curl Cath Catheter 2 Cuff, 62.5cm	5

## Peritoneal Access



### Argyle™ Swan Neck Presternal Peritoneal Catheter\*

CODE	CATHETER DESCRIPTION	SHIP CASE
8888414011	Swan Neck Presternal Catheter 2 Cuff, 112.8cm (Swan Neck: 60.3cm + 52.5cm Curl)	1

\*May be trimmed at connection point to accommodate varying patient sizes.



### Argyle™ Swan Neck Tenckhoff Peritoneal Catheter

CODE	CATHETER DESCRIPTION	SHIP CASE
8888412007	Swan Neck Tenckhoff Catheter 2 Cuff Left, 43cm	1



### Argyle™ Swan Neck Oreopoulos-Zellerman Missouri Peritoneal Catheters

CODE	CATHETER DESCRIPTION	SHIP CASE
8888413005	Swan Neck Oreopoulos-Zellerman Catheter, 2 Cuff Left, 44.5cm	1
8888413013	Swan Neck Oreopoulos-Zellerman Catheter, 2 Cuff Right, 44.5cm	1



### Oreopoulos-Zellerman Missouri Tenckhoff Peritoneal Catheter

CODE	CATHETER DESCRIPTION	SHIP CASE
8888411009	Oreopoulos-Zellerman Missouri Tenckhoff Catheter, 1 Bead, 2 Disk, 2 Cuff, 41cm	1



## Peritoneal Access



### Argyle™ Curl Cath Peritoneal Catheters — Two Cuffs

- Included adapter, cap and clamp
- Curled tubing with numerous inflow/outflow holes to gently disperse dialysate
- Can be inserted percutaneously or surgically
- Made of translucent, medical-grade silicone rubber
- Radiopaque stripe for orientation
- Can be extended or repaired if necessary
- Sterile

CODE	CATHETER DESCRIPTION	SHIP CASE
8811313015	Curl Cath, Curled, 57cm	1
8811313010	Curl Cath, Curled, 62cm	1



### Argyle™ Curl Cath Peritoneal Catheters — One Cuff

CODE	CATHETER DESCRIPTION	SHIP CASE
8811313014	Curl Cath, Curled, 57cm	1
8811313013	Curl Cath, Curled, 60cm	1



### Argyle™ Tenckhoff Peritoneal Catheters — Two Cuffs

- Included adapter, cap and clamp
- Can be trimmed to fit most patient sizes
- Can be used for chronic ascites drainage
- Sterile

CODE	CATHETER DESCRIPTION	SHIP CASE
8810888003	Tenckhoff, 2 Cuff, 42cm	1
8810888012	Tenckhoff, Universal, 2 Cuff, 47cm	1



### Argyle™ Tenckhoff Peritoneal Catheters — One Cuff

CODE	CATHETER DESCRIPTION	SHIP CASE
8814843001	Tenckhoff, 1 Preperitoneal Cuff, 41cm	1
8814843002	Tenckhoff, Universal, 1 Preperitoneal Cuff, 46cm	1
8810889003	Tenckhoff, 1 Subcutaneous Cuff, 42cm	1

## Peritoneal Access



### Argyle™ Swan Neck Curl Cath Peritoneal Catheter Kits

- Sterile Contents:
- (1) Peritoneal Catheter
  - (1) Beta-Cap Adapter, Cap and Clamp
  - (1) 16Fr Pull-Apart Sheath/Dilator
  - (1) 18ga Introducer Needle
  - (1) J/Straight Guidewire
  - (1) #11 Scalpel
  - (1) 12mL Syringe
  - (1) Tunneling Stylet
  - (6) 4"x4" Gauze Sponges

CODE	CATHETER DESCRIPTION	SHIP CASE
8888413823	Swan Neck Curl Cath Kit, 2 Cuff, Left, 62.5cm	1
8888413831	Swan Neck Curl Cath Kit, 2 Cuff, Right, 62.5cm	1



Argyle™ Curl Cath Catheter Kit

### Argyle™ Curl Cath and Tenckhoff Catheter Kits

- Sterile Contents:
- (1) Peritoneal Catheter
  - (1) Beta-Cap Adapter, Cap and Clamp
  - (1) 16Fr Pull-Apart Sheath/Dilator
  - (1) 18ga Introducer Needle
  - (1) J/Straight Guidewire
  - (1) #11 Scalpel
  - (1) 12mL Syringe
  - (1) Tunneling Stylet
  - (6) 4"x4" Gauze Sponges

CODE	CATHETER DESCRIPTION	SHIP CASE
8817278007	Curl Cath, 2 Cuff, 57cm	5
8817278006	Curl Cath, 2 Cuff, 62cm	5
8817278010	Curl Cath, 1 Preperitoneal Cuff, 60cm	5
8817278008	Tenckhoff, 2 Cuff, 42cm	5
8817278001	Tenckhoff Universal, 1 Preperitoneal Cuff, 46cm	5



Argyle™ Tenckhoff Catheter Kit

## Peritoneal Access



### Argyle™ Peri-Patch Repair Kit

Sterile Contents:

- (1) 15cm Silicone Rubber Catheter Extension (2.6mm I.D., 4.9mm O.D.) with Double-Barbed Connector
- (1) Beta-Cap Adapter, Cap and Clamp
- (1) Glue Mold

CODE	CATHETER DESCRIPTION	SHIP CASE
8888285001	Peri-Patch Repair Kit*	1

Note: Peri-Patch Repair Kits are universal for all Covidien Peritoneal Dialysis Catheters. To be repaired, an indwelling catheter must have at least 3cm external tubing at the exit site.

\*Silicone Adhesive is packaged individually and must be ordered separately to ensure maximum shelf-life.

See Page #39 for ordering information (Code #8810807001).



### Argyle™ Pediatric Peritoneal Catheters

CODE	CATHETER DESCRIPTION	SHIP CASE
8888413100	Pediatric Swan Neck Curl Cath Catheter, 2 Cuff, 38.9cm	1
8888413101	Pediatric Swan Neck Curl Cath Catheter, 2 Cuff, 43cm	1
8888413102	Adolescent Swan Neck Curl Cath Catheter, 2 Cuff, 59cm	1
8888414813	Pediatric Swan Neck Curl Cath Catheter, 2 Cuff, Left, 42cm	1
8888412643	Pediatric Swan Neck Missouri Catheter, 2 Cuff, Left, 38cm	1
8888415307	Pediatric Swan Neck Curl Cath Missouri Catheter, 2 Cuff, Left, 42.5cm	1
8888410506	Pediatric Swan Neck Tenckhoff Catheter, 2 Cuff, Left, 37.5cm	1
8815677001	Pediatric Tenckhoff Curl Cath Catheter, 1 Cuff, 39cm	1
8812329002	Pediatric Tenckhoff Catheter, 2 Cuff, 31cm	1
8810890003	Pediatric Tenckhoff Catheter, 2 Cuff, 37cm	1
8812329001	Pediatric Tenckhoff Catheter, 1 Subcutaneous Cuff, 31cm	1



## Central Venous Catheters



### Argyle™ Raaf Dual Lumen Right Atrial Catheters

- Soft, silicone rubber
- Radiopaque
- Clear extensions
- Can be trimmed to appropriately position tip in right atrium
- Round lumina in 2.2mm and 3.2mm catheters
- Large D-shaped lumina in 4.5mm catheter
- Can be inserted percutaneously using a pull-apart sheath/dilator or surgically implanted
- Felt cuff anchors the catheter subcutaneously
- Extensions imprinted with name and priming volume
- Two sealing caps
- In-line clamps and luer-lock adapters
- Atraumatic tunneling stylet
- Sterile

CODE	CATHETER	OVERALL LENGTH	O.D. MM	I.D. MM	INITIAL PRIMING VOLUME* (PER LUMEN)	CORRECTION FACTOR mL/CM	SHIP CASE
8814850001	2.2mm	90cm	2.2 x 3.7	1.1	1.2mL	0.0089	1
8815331001	3.2mm	102cm	2.8 x 4.9	1.5	2.2mL	0.0188	1
8814525001	4.5mm	95cm	4.5	3.0 x 1.2	2.5mL	0.0233	1

\* Before trimming.



### Argyle™ Raaf Dual Lumen Right Atrial Catheter Repair Kits

- Replacement section with dual extensions
- Luer-lock adapters
- In-line clamps
- Silicone rubber repair sleeve
- Plastic lumen connector

Sterile Contents:

- (1) Replacement Section with Extensions
- (2) Sealing Caps
- (1) 1mL Syringe with Blunted Needle

CODE	CATHETER DESCRIPTION	SHIP CASE
8888890001	2.2mm Raaf Dual Lumen Right Atrial Catheter	1

Note: Repair kits are not universal. They must be ordered for the specific size catheter. To be repaired, an indwelling catheter must have at least 3cm external tubing at the exit site.

\*Silicone adhesive is packaged individually and must be ordered separately to ensure maximum shelf-life.

See Page #39 for ordering information (Code #8810807001).

## Central Venous Catheters



### Argyle™ 3.9mm Triple Lumen Right Atrial Catheter

- Soft, silicone rubber
- Clear extensions
- Can be trimmed to appropriately position tip in right atrium
- Larger 1.2mm lumen has red adapter
- Felt cuff anchors catheter subcutaneously
- Can be inserted percutaneously through a 12Fr pull-apart sheath/dilator or surgically implanted
- Three sealing caps
- In-line clamps and color-coded, luer-lock adapters
- Sterile

CODE	CATHETER LUMEN	INITIAL PRIMING VOLUME (mL)*	CORRECTION FACTOR mL/CM	SHIP CASE
8815740001	White Adapter	1.0	0.0081	1
	Blue Adapter	1.0	0.0081	
	Red Adapter	1.25	0.0138	

\* Before trimming



### Argyle™ Raaf Triple Lumen Right Atrial Catheter Repair Kits

- Replacement section with repair sleeve
- Lumina connectors
- Three extensions each with luer-lock adapter and in-line clamp

Sterile Contents:

- (1) Replacement Section with extension
- (3) Sealing Caps
- (1) 1mL Luer-Lock Syringe with Blunted Needle

CODE	DESCRIPTION	SHIP CASE
8888824001	3.9mm Triple Lumen Right Atrial Catheter Repair Kit	1

Note: Repair kits are not universal. They must be ordered for the specific size catheter. To be repaired, an indwelling catheter must have at least 3cm external tubing at the exit site.

\*Silicone adhesive is packaged individually and must be ordered separately to ensure maximum shelf-life.

See Page #39 for ordering information (Code #8810807001).

## Argyle™ Catheter Accessories



### Argyle™ Pull-Apart Introducer Set with PTFE

- Sterile Contents:
- (1) 12mL Syringe
  - (1) 16Fr Pull-Apart Sheath/Dilator\*
  - (1) J/Straight .038" Guidewire
  - (1) 18ga Introducer Needle

CODE	DESCRIPTION	SHIP CASE
8815544010	16Fr Pull-Apart Introducer Set*	5

\*Made with PolyTetra FluoroEthylene (PTFE)



### Argyle™ Pull-Apart Introducer Sets

- Sterile Contents:
- (1) 12mL Syringe
  - 1) Pull-Apart Sheath/Dilator
  - (1) J/Straight .038" Guidewire
  - (1) 18ga Introducer Needle
  - (1) 12Fr Dilator (Oval Only)

CODE	DESCRIPTION	SHIP CASE
8815544003	10Fr Pull-Apart Introducer Set	5
8815544002	12Fr Pull-Apart Introducer Set	5
8815544001	14Fr Pull-Apart Introducer Set	5
8815544013	Oval Pull-Apart Introducer Set	5



### 8Fr/10Fr Dilator

- Assists catheter insertion by widening the vessel or surrounding tissue
- Luer lock hub
- Sterile

CODE	DESCRIPTION	SHIP CASE
8815072001	8Fr Dilator, Length 15cm	5
8815642001	10Fr Dilator, Length 15cm	5



### J/Straight Stainless Steel Guidewire

- Sterile
- Guides dilator or catheter into a vein or peritoneal cavity
- Has 2 soft ends, 1 in a "J" configuration
- Tip straightener attached

CODE	DESCRIPTION	SHIP CASE
8813796001	J/Straight 0.038" x 70cm Guidewire	10
8817231001	J/Straight 0.035" x 70cm Guidewire	10

## Argyle™ Catheter Accessories



### Argyle™ Y-Adapter

- Disposable
- Converts single extension to dual to allow for infusion of two compatible medications/solutions
- Sterile

CODE	DESCRIPTION	SHIP CASE
8818782001	Disposable Y-adapter	25



### Argyle™ Introducer Needle

- Stainless steel
- Channels guidewire into a vein or peritoneal cavity
- Accommodates guidewires up to 0.038" diameter
- Luer lock hub
- Sterile

CODE	DESCRIPTION	SHIP CASE
8813795001	18ga X 7cm Introducer Needle	10



### Argyle™ Injection Sealing Caps

- Luer lock fitting with a natural rubber stopper
- Provides a self-sealing injection site for administering medication or drawing blood
- Universal adapter
- May be used with both hemodialysis and peritoneal dialysis catheters
- Sterile

CODE	DESCRIPTION	SHIP CASE
8813791001	Injection Sealing Caps	50



### Argyle™ Faller Tunneling Stylet/Bladed Trocar

- Sterile

CODE	DESCRIPTION	SHIP CASE
8888415679	Faller Tunneling Stylet/Bladed Trocar	1

## Argyle™ Catheter Accessories



### Argyle™ Peritoneal Tunneling Stylet

- Made of pliable stainless steel
- Can be bent to create customized, curved tunnel
- Sterile

CODE	DESCRIPTION	SHIP CASE
8817791001	5Fr X 23cm (9") Stylet	5



### Argyle™ Peritoneal Catheter Straightening Stylet

- Stainless steel stylet
- Used to keep the catheter straight and maneuverable during insertion into the peritoneum
- Autoclavable
- Non-sterile

CODE	DESCRIPTION	SHIP CASE
8888415646	Insertion / Straightening Stylet, 44.5cm	1
8888415661	Insertion / Straightening Stylet, 61cm	1



### Argyle™ 2 Part Titanium Connector

- Sterile

CODE	DESCRIPTION	SHIP CASE
8888415604	2 Part Titanium Connector	1



### Argyle™ Titanium Catheter Extender

- Sterile

CODE	DESCRIPTION	SHIP CASE
8888415612	Adult Titanium Catheter Extender	1



### Argyle™ Beta-Cap™ Adapter

- Made of Ultem™\* resin
- For use with all Argyle™ Peritoneal Catheters
- Sterile

CODE	DESCRIPTION	SHIP CASE
8814661001	Beta-Cap Adapter	25



## Argyle™ Catheter Accessories



### Argyle™ Beta-Cap™ Clamp

- For use with all Argyle™ Peritoneal Catheters
- Sterile

CODE	DESCRIPTION	SHIP CASE
8810805001	Beta-Cap Clamp	25



### Argyle™ Catheter Stencil – Swan Neck Tenckhoff

- Non-sterile

CODE	DESCRIPTION	SHIP CASE
8888412304	Swan Neck Tenckhoff stencil, 2 Cuff, Left / Right	1



### Argyle™ Catheter Stencil – Swan Neck Missouri

- Non-sterile

CODE	DESCRIPTION	SHIP CASE
8888412312	Swan Neck Missouri stencil, 2 Cuff, Left / Right	1



### Medical Grade Silicone Adhesive Type A

- Minimum 72-hour curing required for catheter repair
- For use with all Argyle™ repair kits to extend or repair catheters
- Sterile

CODE	DESCRIPTION	SHIP CASE
8810807001	Silicone Adhesive, Type A	1



## INDEX

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8888413401	Argyle™ Swan Neck Curl Cath Missouri Catheter, 2 Cuff Left, 62cm	29	8888541023	Palindrome™ RT–Reverse Tunneled Dialysis Catheter Kits 23cm	22
8888413419	Argyle™ Swan Neck Curl Cath Missouri Catheter, 2 Cuff Right, 62cm	29	8888541028	Palindrome™ RT–Reverse Tunneled Dialysis Catheter Kits 28cm	22
8888413807	Argyle™ Swan Neck Curl Cath Catheter 2 Cuff Left, 62.5cm	29	8888541033	Palindrome™ RT–Reverse Tunneled Dialysis Catheter Kits 33cm	22
8888413815	Argyle™ Swan Neck Curl Cath Catheter 2 Cuff Right, 62.5cm	29	8888541044	Palindrome™ RT–Reverse Tunneled Dialysis Catheter Kits 44cm	22
8888413823	Argyle™ Swan Neck Curl Cath Peritoneal Catheter Kit Left	32	8888541055	Palindrome™ RT–Reverse Tunneled Dialysis Catheter Kits 55cm	22
8888413831	Argyle™ Swan Neck Curl Cath Peritoneal Catheter Kit Right	32	8888541119	Palindrome™ RT–Reverse Tunneled Dialysis Repair Catheter Kits 19cm	22
8888414011	Argyle™ Swan Neck Presternal Catheter 2 Cuff, 112.8cm	30	8888541123	Palindrome™ RT–Reverse Tunneled Dialysis Repair Catheter Kits 23cm	22
8888414029	Argyle™ Swan Neck Moncrief-Popovich Swan Neck Curl Cath Catheter 2 Cuff, 62.5cm	29	8888541128	Palindrome™ RT–Reverse Tunneled Dialysis Repair Catheter Kits 28cm	22
8888414813	Argyle™ Pediatric Swan Neck Curl Cath Catheter, 2 Cuff, Left, 42cm	33	8888541133	Palindrome™ RT–Reverse Tunneled Dialysis Repair Catheter Kits 33cm	22
8888415307	Argyle™ Pediatric Swan Neck Curl Cath Missouri Catheter, 2 Cuff, Left, 42.5cm	33	8888541144	Palindrome™ RT–Reverse Tunneled Dialysis Repair Catheter Kits 44cm	22
8888415604	Argyle™ 2 Part Titanium Connector	38	8888541155	Palindrome™ RT–Reverse Tunneled Dialysis Repair Catheter Kits 55cm	22
8888415612	Argyle™ Titanium Catheter Extender	38	8888680009	Permcath™ Dual Lumen Catheter Repair Kits 13cm	27
8888415646	Argyle™ Peritoneal Catheter Insertion / Straightening Stylet, 44.5cm	38	8888824001	Argyle™ Raaf Triple Lumen Right Atrial Catheter Repair Kits 3.9mm	35
8888415661	Argyle™ Peritoneal Catheter Insertion / Straightening Stylet, 61cm	38	8888890001	Argyle™ Raaf Dual Lumen Right Atrial Catheter Repair Kits 2.2mm	34
8888415679	Argyle™ Faller Tunneling Stylet/Bladed Trocar	37			







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