



Dialysis Products

Acute Care Vascular Access

Chronic Care Vascular Access

Peritoneal Access



COVIDIEN

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Acute Care, Chronic Care and Peritoneal Vascular Access Products

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Acute Care Vascular Access

The Covidien line of MAHURKAR®* catheters, provide single, dual and triple lumen designs to simplify access and allow the clinician to meet the needs of the patient. Tray configurations include protection and safety components that help hospitals comply with CDC, OSHA, Joint Commission and IHI guidelines/recommendations for insertion.

The acute care offering includes triple lumen, high-flow and extended dual lumen catheters. MAHURKAR®* 12 Fr. triple lumen catheters offer high flows for acute dialysis or apheresis with the benefit of a third lumen for infusion. MAHURKAR®* 13.5 Fr. high flow dual lumen catheters offer high flow rates for acute dialysis applications in straight and precurved options. MAHURKAR dual lumen catheters are recommended for acute hemodialysis, apheresis and infusion. Precurved and pediatric options are available. Accessories include the VitaCuff™* device which can substantially reduce the incidence of catheter-related infection†.



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)
- (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)
- (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

MAHURKAR®* Protection and Safety Solution (PASS) Trays

*Straight and Curved Extension Options Available

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

Acute Care Vascular Access



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 | Personal Protective Equipment Pack | 1 each |



MAHURKAR®* *Straight Extension Dual Lumen Catheters*

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

| CODE | CODE | | | ARTERIAL | VENOUS | |
|------------|------------|----------|---------|-------------|-------------|------|
| SIDE | SIDE | CATHETER | IMPLANT | PRIMING | PRIMING | SHIP |
| HOLE | SLOTS | SIZE | LENGTH | VOLUME (mL) | VOLUME (mL) | CASE |
| 8817142005 | — | 10 Fr. | 12cm | 0.8 | 0.9 | 5 |
| 8817145005 | — | 10 Fr. | 15cm | 0.9 | 1.0 | 5 |
| — | 8813816005 | 11.5 Fr. | 13.5cm | 1.0 | 1.1 | 5 |
| — | 8830414001 | 11.5 Fr. | 16cm | 1.1 | 1.2 | 5 |
| — | 8813794005 | 11.5 Fr. | 19.5cm | 1.2 | 1.3 | 5 |
| — | 8831662001 | 11.5 Fr. | 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™* Infection-Control Device

| CODE | CODE | | | ARTERIAL | VENOUS | |
|------------|------------|----------|---------|-------------|-------------|------|
| SIDE | SIDE | CATHETER | IMPLANT | PRIMING | PRIMING | SHIP |
| HOLE | SLOTS | SIZE | LENGTH | VOLUME (mL) | VOLUME (mL) | CASE |
| 8832539001 | — | 8 Fr. | 9cm | 0.8 | 0.9 | 5 |
| 8832539002 | — | 8 Fr. | 12cm | 0.9 | 0.9 | 5 |
| 8832539003 | — | 8 Fr. | 15cm | 1.0 | 1.0 | 5 |
| 8817146001 | — | 10 Fr. | 15cm | 0.9 | 1.0 | 5 |
| — | 8813817005 | 11.5 Fr. | 13.5cm | 1.0 | 1.1 | 5 |
| — | 8830415001 | 11.5 Fr. | 16cm | 1.1 | 1.2 | 5 |
| — | 8813793009 | 11.5 Fr. | 19.5cm | 1.2 | 1.3 | 5 |
| — | 8831662001 | 11.5 Fr. | 24cm | 1.4 | 1.5 | 5 |

With VitaCuff™*

| | | | | | | |
|---|------------|----------|--------|-----|-----|---|
| — | 8813817007 | 11.5 Fr. | 13.5cm | 1.0 | 1.1 | 1 |
| — | 8830415002 | 11.5 Fr. | 16cm | 1.1 | 1.2 | 1 |
| — | 8813793011 | 11.5 Fr. | 19.5cm | 1.2 | 1.3 | 1 |

Acute Care Vascular Access



MAHURKAR®* *Straight Extension Dual Lumen Catheter IC Safety Trays*

Sterile Contents:

- (1) Catheter (11.5 Fr)
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70 cm 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™* Infection-Control 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 |
| With VitaCuff™* | | | | |
| 8817277009 | 13.5cm | 1.0 | 1.1 | 1 |
| 8830416002 | 16cm | 1.1 | 1.2 | 1 |
| 8815668009 | 19.5cm | 1.2 | 1.3 | 1 |



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®* catheter lumina
- Rotatable transparent suture wings
- Catheter extensions imprinted with name, length and priming volumes
- (2) sealing caps

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

Acute Care Vascular Access



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™* Infection-Control 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 | — | 8 Fr. | 12cm | 1.0 | 1.1 | 5 |
| 8832539007 | — | 8 Fr. | 15cm | 1.1 | 1.2 | 5 |
| 8817143005 | — | 10 Fr. | 12cm | 0.9 | 1.0 | 5 |
| 8817146007 | — | 10 Fr. | 15cm | 1.0 | 1.1 | 5 |
| 8817149007 | — | 10 Fr. | 19.5cm | 1.1 | 1.2 | 5 |
| — | 8813817009 | 11.5 Fr. | 13.5cm | 1.1 | 1.2 | 5 |
| — | 8830415003 | 11.5 Fr. | 16cm | 1.2 | 1.3 | 5 |
| — | 8813793013 | 11.5 Fr. | 19.5cm | 1.3 | 1.4 | 5 |
| With VitaCuff™* | | | | | | |
| 8817143006 | — | 10 Fr. | 12cm | 0.9 | 1.0 | 1 |
| 8817146008 | — | 10 Fr. | 15cm | 1.0 | 1.1 | 1 |
| 8817149008 | — | 10 Fr. | 19.5cm | 1.1 | 1.2 | 1 |
| — | 8813817010 | 11.5 Fr. | 13.5cm | 1.1 | 1.2 | 1 |
| — | 8830415004 | 11.5 Fr. | 16cm | 1.2 | 1.3 | 1 |
| — | 8813793014 | 11.5 Fr. | 19.5cm | 1.3 | 1.4 | 1 |

Acute Care 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 70 cm 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™* Infection-Control Device

| CODE | IMPLANT LENGTH | ARTERIAL PRIMING VOLUME (mL) | VENOUS PRIMING VOLUME (mL) | SHIP CASE |
|------------------------|----------------|------------------------------|----------------------------|-----------|
| 11.5Fr. | | | | |
| 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 |
| With VitaCuff™* | | | | |
| 8817277012 | 13.5cm | 1.1 | 1.2 | 1 |
| 8830416004 | 16cm | 1.2 | 1.3 | 1 |
| 8815668012 | 19.5cm | 1.3 | 1.4 | 1 |



MAHURKAR®* Pre-Curved Dual Lumen Catheter Kits

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

| CODE | IMPLANT LENGTH | ARTERIAL PRIMING VOLUME (mL) | VENOUS PRIMING VOLUME (mL) | SHIP CASE |
|------------|----------------|------------------------------|----------------------------|-----------|
| 11.5Fr. | | | | |
| 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 |

Acute Care Vascular Access



MAHURKAR®* Pre-Curved Dual Lumen Catheter IC Safety Trays

- (1) 11.5Fr. Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.038" x 70 cm 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 | IMPLANT LENGTH | ARTERIAL PRIMING VOLUME (mL) | VENOUS PRIMING VOLUME (mL) | SHIP CASE |
|------------|----------------|------------------------------|----------------------------|-----------|
| 11.5Fr. | | | | |
| 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 |

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 help reduce clot formation and positional occlusion
- 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 70 cm Guidewire
 - (1) 10Fr. Dilator
 - (1) 14Fr. Dilator
 - (2) Telfa™ Island Dressings
 - (2) Sealing Caps

| CODE | IMPLANT LENGTH | ARTERIAL PRIMING VOLUME (mL) | VENOUS PRIMING VOLUME (mL) | SHIP CASE |
|------------|----------------|------------------------------|----------------------------|-----------|
| 13.5Fr. | | | | |
| 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 Care 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 70 cm 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 |
|-----------------|-------------------|------------------------------------|----------------------------------|--------------|
| 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 70 cm Guidewire
- (1) 10Fr. Dilator
- (1) 14Fr. Dilator
- (2) Telfa™ Island Dressings
- (2) Injection Sealing Caps

| CODE 13.5Fr. | IMPLANT LENGTH | ARTERIAL PRIMING VOLUME (mL) | VENOUS PRIMING VOLUME (mL) | SHIP CASE |
|-----------------|-------------------|------------------------------------|----------------------------------|--------------|
| 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 Care 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 70 cm 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 70 cm 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 Care 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 70 cm 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 |

MAHURKAR®* 12Fr. Triple Lumen Catheters: Indicated For Dialysis, Apheresis & Infusion

- Laser-Cut side slots help to reduce clot formation and positional occlusion.
- Soft Atraumatic Tip designed to reduce vessel trauma during insertion.
- 19ga. Distinctive 3rd Dedicated line for blood access & delivery of fluid medications preserves vascular access.
- Modified Double-D®* Lumen design ensures high 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. Triple Lumen *Curved Extension* Catheter Kits

Sterile Contents:

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

| CODE | IMPLANT LENGTH | LUMEN PRIMING VOLUMES (mL) | | | SHIP CASE |
|------------|----------------|----------------------------|----------------|-----------------|-----------|
| | | RED OR ARTERIAL | BLUE OR DISTAL | CLEAR OR MEDIAL | |
| 12Fr. | | | | | |
| 8888345603 | 13cm | 1.4 | 1.4 | 0.4 | 5 |
| 8888345611 | 16cm | 1.5 | 1.5 | 0.4 | 5 |
| 8888345629 | 20cm | 1.6 | 1.7 | 0.5 | 5 |
| 8888345637 | 24cm | 1.8 | 1.8 | 0.5 | 5 |

Acute Care Vascular Access



MAHURKAR®* 12Fr. Triple Lumen Catheter IC Safety Trays

Sterile Contents:

- (1) 12Fr. Catheter
- (1) 18ga Introducer Needle
- (1) J/Straight 0.035" x 70 cm Guidewire
- (2) 6mL Syringe
- (2) 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 DISTAL | CLEAR OR MEDIAL | |
| 8888101001 | Curved | 13cm | 1.4 | 1.4 | 0.4 | 5 |
| 8888101002 | Curved | 16cm | 1.5 | 1.5 | 0.4 | 5 |
| 8888101003 | Curved | 20cm | 1.7 | 1.6 | 0.5 | 5 |
| 8888101004 | Curved | 24cm | 1.8 | 1.8 | 0.5 | 5 |
| 8888102003 | Straight | 20cm | 1.6 | 1.7 | 0.5 | 5 |
| 8888102004 | Straight | 24cm | 1.8 | 1.8 | 0.5 | 5 |



Quinton™* 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 |



Quinton™* 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

A unique variety of catheter options are available allowing clinicians to tailor chronic vascular access for hemodialysis, apheresis and infusion to meet the needs of each patient.

The Tal Palindrome™ family of chronic hemodialysis catheters from Covidien reflects the company-wide commitment to delivering advanced products that will help to improve patient outcomes. Preserving access. Protecting the catheter. Promoting optimal patient care. From their reliable underlying design to their innovative coating technologies.

The MAHUKAR®* Maxid™ dual lumen catheter delivers high flows with low venous and arterial pressures, superior kink resistance, a simple single insertion and over-the-wire insertion device.

The PermCath™ and MAHUKAR 13.5Fr. cuffed catheters provide biocompatible silicone construction ideal for chronic access and long-term infusion.

Tal 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.

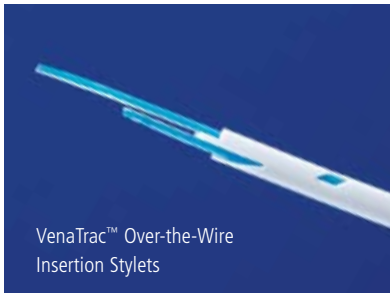
* Available with or without VenaTrac™ over-the-wire insertion device.



Tal Palindrome™ Symmetric Tip Dual Lumen Catheter Sport Packs

Sterile Contents:

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



VenaTrac™ Over-the-Wire Insertion Stylets

| CODE | IMPLANT LENGTH | OVERALL LENGTH | ARTERIAL PRIMING VOLUME (mL) | VENOUS PRIMING VOLUME (mL) | SHIP CASE |
|----------------------|----------------|----------------|------------------------------|----------------------------|-----------|
| 14.5Fr. | | | | | |
| 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 |
| With VenaTrac | | | | | |
| 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 |



Tal Palindrome™ Symmetric Tip Dual Lumen Catheter Kits

Sterile Contents:

- (1) 14.5Fr. Symmetric Tip Catheter
- (2) VenaTrac™ Over-the-Wire Insertion Stylets (additional option)
- (1) 16Fr. Valved Pull-Apart Safety Sheath
- (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

Continues on following page

Chronic Vascular Access



VenaTrac™ Over-the-Wire Insertion Stylets

Tal Palindrome™ Symmetric Tip Dual Lumen Catheter Kits

Continued from previous page

| CODE 14.5Fr. | IMPLANT LENGTH | OVERALL LENGTH | ARTERIAL PRIMING VOLUME (mL) | VENOUS PRIMING VOLUME (mL) | SHIP CASE |
|----------------------|-------------------|-------------------|------------------------------------|----------------------------------|--------------|
| 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 |
| With VenaTrac | | | | | |
| 8888145039 | 19cm | 36cm | 1.6 | 1.6 | 5 |
| 8888145040 | 23cm | 40cm | 1.9 | 1.9 | 5 |
| 8888145041 | 23cm | 45cm | 2.1 | 2.1 | 5 |
| 8888145042 | 33cm | 50cm | 2.3 | 2.3 | 5 |



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

Sterile Contents:

- (1) 14.5Fr. Symmetric Tip Catheter
- (2) VenaTrac™ Over-the-Wire Insertion Stylets
- (1) 16Fr. Valved Pull-Apart Safety Sheath
- (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 |
|-----------------|-------------------|-------------------|------------------------------------|----------------------------------|--------------|
| 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 |



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

Sterile Contents:

- (1) 14.5Fr. Symmetric Tip Catheter
- (2) VenaTrac™ Over-the-Wire Insertion Stylets
- (1) 16Fr. Valved Pull-Apart Safety Sheath
- (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 |
|-----------------|-------------------|-------------------|------------------------------------|----------------------------------|--------------|
| 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

Tal Palindrome™ Emerald 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



Tal Palindrome™ Emerald™ Heparin Coated Catheter Sport Packs

Sterile Contents:

- (1) 14.5Fr. Symmetric Tip Catheter
- (2) VenaTrac™ Over-the-Wire Insertion Stylets
- (1) 16Fr. Valved Pull-Apart Safety Sheath
- (1) Bifurcated Tunneler
- (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 |



Tal Palindrome™ Emerald™ Heparin Coated Catheter Kits

Sterile Contents:

- (1) 14.5Fr. Symmetric Tip Catheter
- (2) VenaTrac™ Over-the-Wire Insertion Stylets
- (1) 16Fr. Valved Pull-Apart Safety Sheath
- (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. | 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

Tal Palindrome™ Ruby™ Antimicrobial Dialysis Catheter

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



Tal Palindrome™ Ruby™ Antimicrobial Catheter Sport Packs

- Sterile Contents:
- (1) 14.5Fr. Symmetric Tip Catheter
 - (2) VenaTrac™ Over-the-Wire Insertion Stylets
 - (1) 16Fr. Valved Pull-Apart Safety Sheath
 - (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 |
|-----------------|-------------------|-------------------|------------------------------------|----------------------------------|--------------|
| 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 |



Tal Palindrome™ Ruby™ Antimicrobial Catheter Kits

- Sterile Contents:
- (1) 14.5Fr. Symmetric Tip Catheter
 - (2) VenaTrac™ Over-the-Wire Insertion Stylets
 - (1) 16Fr. Valved Pull-Apart Safety Sheath
 - (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 |
|-----------------|-------------------|-------------------|------------------------------------|----------------------------------|--------------|
| 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 VenaTrac™ stylet

Chronic Vascular Access

Tal Palindrome™ SapphiRE™ Heparin Coated and Antimicrobial Dialysis Catheter

Incorporating the heparin coating and silver ion sleeve, the Tal Palindrome™ SapphiRE™ catheter is the premier dialysis catheter reducing the likelihood of clot formation AND microbial colonization on the catheter surface.



Tal Palindrome™ SapphiRE™ Heparin Coated and Antimicrobial Catheter Sport Packs

- Sterile Contents:
- (1) 14.5Fr. Symmetric Tip Catheter
 - (2) VenaTrac™ Over-the-Wire Insertion Stylets
 - (1) 16Fr. Valved Pull-Apart Safety Sheath
 - (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 |



Tal Palindrome™ SapphiRE™ Heparin Coated and Antimicrobial Catheter Kits

- Sterile Contents:
- (1) 14.5Fr. Symmetric Tip Catheter
 - (2) VenaTrac™ Over-the-Wire Insertion Stylets
 - (1) 16Fr. Valved Pull-Apart Safety Sheath
 - (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



MAHURKAR®* Maxid™ 14.5Fr. Dual Lumen Catheter Sport Packs Available with or without VenaTrac™ over-the-wire Insertion device

- Sterile Contents:
- (1) 14.5Fr. Catheter
 - (2) VenaTrac™ Over-the-Wire Insertion Stylets (Available Option)
 - (1) 16Fr. Valved Pull-Apart Safety Sheath
 - (1) Tunneling Stylet, 21 cm
 - (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 VenaTrac | | | | | |
| 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®* Maxid™ 14.5Fr. Dual Lumen Catheter Kits

- Sterile Contents:
- (1) 14.5Fr. Symmetric Tip Catheter
 - (2) VenaTrac™ Over-the-Wire Insertion Stylets (Available Option)
 - (1) 16Fr. Valved Pull-Apart Safety Sheath
 - (1) Tunneling Stylet, 21 cm
 - (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 VenaTrac | | | | | |
| 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®* Maxid™ 14.5Fr. Dual Lumen Catheter Trays

Sterile Contents:

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

Chronic Vascular Access



Tandem-Cath™ Dual Lumen Catheter Kits

- Carbothane™ construction
- Dual Catheter System with streamlined insertion
- Carbothane™* construction
- High flows
- Superior kink resistance
- Safety and reliability of the Quinton™* catheter line

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) 3cc Syringes
- (2) 6cc 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) |
|------------|--------------------|-----------|-------------------|---------------------|
| 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

- Non-Pyrogenic

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: 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 #32 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
- Sterile
- **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 (28cm only)
- (1) 12Fr. Dilator (except 28cm)
- (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 |

Note: All catheters, kits and trays are double packaged; the inner package can be placed directly on the sterile field.

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 (28cm only)
 - (1) 12Fr. Dilator (except 28cm)
 - (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 | 1.3cc | 1.4cc | 1 |
| 8817681001 | 23cm | 40cm | 1.4cc | 1.5cc | 1 |
| 8831693001 | 28cm | 45cm | 1.6cc | 1.7cc | 1 |
| Pediatric: | | | | | |
| 8834370001 | 13cm | 28cm | 0.8cc | 0.85cc | 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, 28cm | 1 |
| 8888169001 | Permcath, 36cm | 1 |
| 8888169003 | Permcath, 40cm | 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 #32 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 25 ga)
- (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 |
|------------|----------------|----------------|------------------------------|----------------------------|-----------|
| 8833052001 | 19cm | 36cm | 1.4 | 1.5 | 1 |
| 8833052002 | 23cm | 40cm | 1.5 | 1.6 | 1 |
| 8833052003 | 28cm | 45cm | 1.7 | 1.8 | 1 |

Peritoneal Access

Covidien offers a full line of catheters and accessories for Acute or Chronic Peritoneal Dialysis and Intraperitoneal Chemotherapy.

The Swan Neck catheters are designed with a pre-formed 180° angle that keeps the internal portion from migrating out of position and decreases stress on the exit site; this often occurs when a straight catheter is manually curved.

Catheters with a Curl Cath design provide additional mass keeping the catheter low in the pelvic gutter, resulting in less catheter migration while gently dispersing dialysate fluid, decreasing the likelihood of pain with infusion.

The Swan Neck Presternal Catheter is indicated for patients with a more active lifestyle, obese patients who may have difficulty manipulating a catheter at the belt line, or incontinent patients.

Covidien also offers a wide selection of pediatric peritoneal catheters.



Quinton™* 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 |



Quinton™* 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 |



Quinton™* 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 |



Quinton™* Swan Neck Moncrief-Popovich Peritoneal Catheter

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

Peritoneal Access



Quinton™* 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.



Quinton™* Swan Neck Tenckhoff Peritoneal Catheter

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



Quinton™* Swan Neck Oreopoulos-Zellerman (Toronto Western) 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 (Toronto Western) Missouri Tenckhoff Peritoneal Catheter

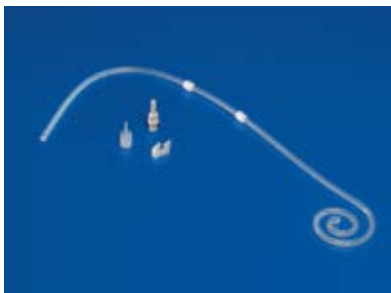
| CODE | CATHETER DESCRIPTION | SHIP CASE |
|------------|---|-----------|
| 8888411009 | Oreopoulos-Zellerman Missouri Tenckhoff Catheter, 1 Bead, 2 Disk, 2 Cuff, 41cm | 1 |



Oreopoulos-Zellerman (Toronto Western) Tenckhoff Peritoneal Catheter

| CODE | CATHETER DESCRIPTION | SHIP CASE |
|------------|---|-----------|
| 8888411025 | Oreopoulos-Zellerman Tenckhoff Catheter 2 Disk, 2 Cuff, 41cm | 1 |

Peritoneal Access



Quinton™* *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 | Quinton Curl Cath, Curled, 57cm | 1 |
| 8811313010 | Quinton Curl Cath, Curled, 62cm | 1 |



Quinton™* *Curl Cath* Peritoneal Catheters — One Cuff

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



Quinton™* *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 | Quinton Tenckhoff, 2 Cuff, 42cm | 1 |
| 8810888012 | Quinton Tenckhoff, Universal, 2 Cuff, 47cm | 1 |



Quinton™* *Tenckhoff* Peritoneal Catheters — One Cuff

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

Peritoneal Access



Quinton™* 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 |



Quinton *Curl Cath*
Catheter Kit

Quinton™* *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 | Quinton Curl Cath, 2 Cuff, 57cm | 5 |
| 8817278006 | Quinton Curl Cath, 2 Cuff, 62cm | 5 |
| 8817278010 | Quinton Curl Cath, 1 Preperitoneal Cuff, 60cm | 5 |
| 8817278008 | Quinton Tenckhoff, 2 Cuff, 42cm | 5 |
| 8817278001 | Quinton Tenckhoff Universal, 1 Preperitoneal Cuff, 46cm | 5 |



Quinton *Tenckhoff*
Catheter Kit

Quinton™* 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 | Quinton 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 #32 for ordering information (Code #8810807001).

Peritoneal Access



Quinton™* Pediatric/Infant Peritoneal Catheters

| CODE | CATHETER DESCRIPTION | SHIP CASE |
|------------|---|-----------|
| 8888413100 | Quinton Infant Swan Neck Curl Cath Catheter, 2 Cuff, 38.9cm | 1 |
| 8888413101 | Quinton Pediatric Swan Neck Curl Cath Catheter, 2 Cuff, 43cm | 1 |
| 8888413102 | Quinton Adolescent Swan Neck Curl Cath Catheter, 2 Cuff, 59cm | 1 |
| 8888414813 | Quinton Pediatric Swan Neck Curl Cath Catheter, 2 Cuff, Left, 42cm | 1 |
| 8888412643 | Quinton Pediatric Swan Neck Missouri Catheter, 2 Cuff, Left, 38cm | 1 |
| 8888415307 | Quinton Pediatric Swan Neck Curl Cath Missouri Catheter, 2 Cuff, Left, 42.5cm | 1 |
| 8888410506 | Quinton Pediatric Swan Neck Tenckhoff Catheter, 2 Cuff, Left, 37.5cm | 1 |
| 8815677001 | Quinton Pediatric Tenckhoff Curl Cath Catheter, 1 Cuff, 39cm | 1 |
| 8812329002 | Quinton Pediatric Tenckhoff Catheter, 2 Cuff, 31cm | 1 |
| 8810890003 | Quinton Pediatric Tenckhoff Catheter, 2 Cuff, 37cm | 1 |
| 8812329001 | Quinton Pediatric Tenckhoff Catheter, 1 Subcutaneous Cuff, 31cm | 1 |
| 8812321001 | Quinton Pediatric Tenckhoff Catheter, 1 Subcutaneous Cuff, 37cm | 1 |
| 8888414029 | Quinton Pediatric/Adolescent Moncrief-Popovich Swan Neck Curl Cath Catheter, 2 Cuff, 62.5cm | 5 |

Central Venous Catheters

Quinton™* offers dual and triple lumen catheters that provide long-term vascular access for infusion, blood sampling, and parenteral nutrition. Quinton™* Dual and Triple Lumen Catheters can also be used for simultaneous administration of incompatible drugs. Triple Lumen Catheters are ideal for chemotherapy and stem cell infusion.



Quinton™* Raaf Dual Lumen Right Atrial Catheters

- Soft, biocompatible 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.



Quinton™* 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 #32 for ordering information (Code #8810807001).

Central Venous Catheters



Quinton™* 3.9mm Triple Lumen Right Atrial Catheter

- Soft, biocompatible 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



Quinton™* 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 | Quinton 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 #32 for ordering information (Code #8810807001).

Quinton™* Catheter Accessories



Quinton™* 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)



Quinton™* 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

- 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 0.038" x 70cm Guidewire | 10 |

Quinton™* Catheter Accessories



Quinton™* Y-Adapter

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

| CODE | DESCRIPTION | SHIP CASE |
|------------|------------------------------|-----------|
| 8818782001 | Quinton Disposable Y-adapter | 25 |



Quinton™* 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 | Quinton 18ga X 7cm Introducer Needle | 10 |



Quinton™* 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 | Quinton Injection Sealing Caps | 50 |



Quinton™* Faller Tunneling Stylet/Bladed Trocar

- Autoclavable

| CODE | DESCRIPTION | SHIP CASE |
|------------|---------------------------------|-----------|
| 8888415679 | Quinton Faller Tunneling Stylet | 1 |

Quinton™* Catheter Accessories



Quinton™* Peritoneal Tunneling Stylet

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

| CODE | DESCRIPTION | SHIP CASE |
|------------|---------------------------------|-----------|
| 8817791001 | Quinton 5Fr. X 23cm (9") Stylet | 5 |



Quinton™* 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 | Quinton Insertion / Straightening Stylet, 44.5cm | 1 |
| 8888415661 | Quinton Insertion / Straightening Stylet, 61cm | 1 |



Quinton™* 2 Part Titanium Connector

| CODE | DESCRIPTION | SHIP CASE |
|------------|-----------------------------------|-----------|
| 8888415604 | Quinton 2 Part Titanium Connector | 1 |



Quinton™* Titanium Catheter Extender

| CODE | DESCRIPTION | SHIP CASE |
|------------|--|-----------|
| 8888415612 | Quinton Adult Titanium Catheter Extender | 1 |

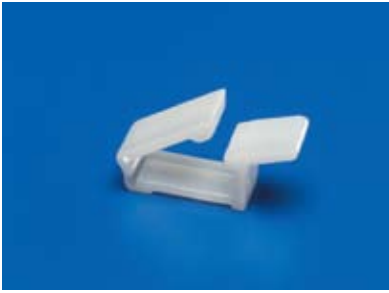


Quinton™* Beta-Cap™ Adapter

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

| CODE | DESCRIPTION | SHIP CASE |
|------------|--------------------------|-----------|
| 8814661001 | Quinton Beta-Cap Adapter | 25 |

Quinton™* Catheter Accessories



Quinton™* Beta-Cap™ Clamp

- For use with all Quinton Peritoneal Catheters
- Sterile

| CODE | DESCRIPTION | SHIP CASE |
|------------|------------------------|-----------|
| 8810805001 | Quinton Beta-Cap Clamp | 25 |



Quinton™* Catheter Stencil – Swan Neck Tenckhoff

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



Quinton™* Catheter Stencil – Swan Neck Missouri

| 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 Quinton repair kits to extend or repair catheters
- Sterile

| CODE | DESCRIPTION | SHIP CASE |
|------------|---------------------------|-----------|
| 8810807001 | Silicone Adhesive, Type A | 1 |

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Reference

†Dennis G. Maki, M.D. et al. *The American Journal of Medicine*, Volume 85, September 1988

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