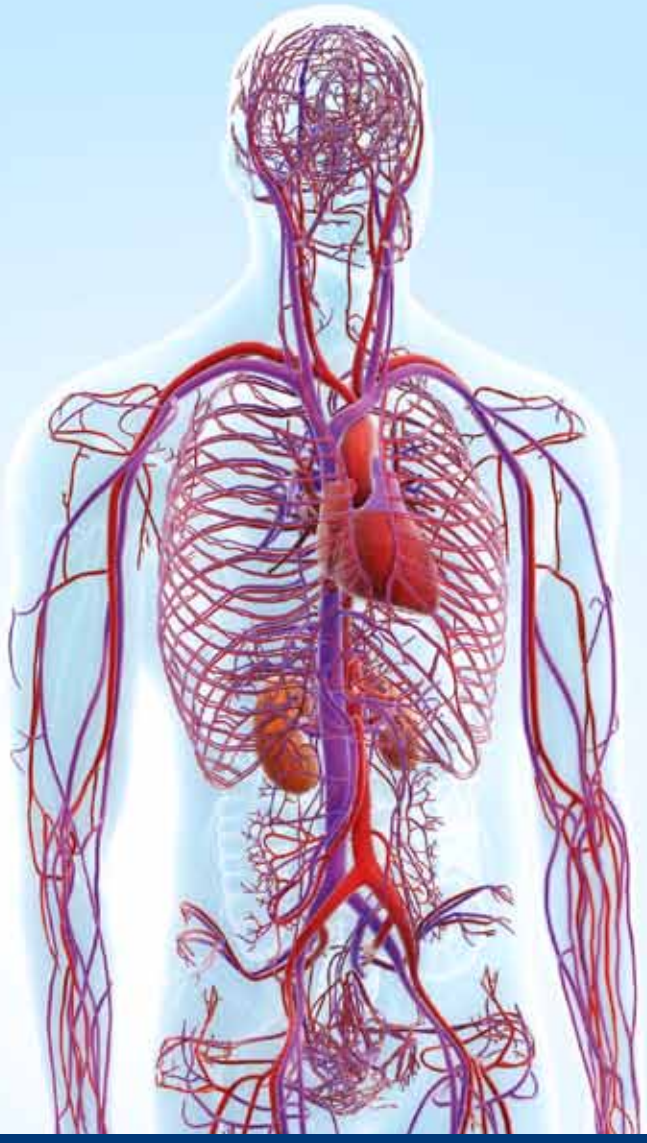
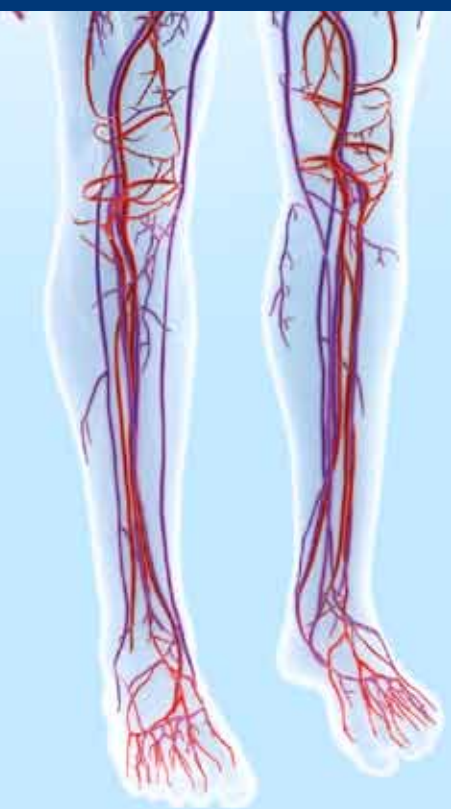


# Transforming Total Treatment

## Vascular Therapies Product Catalogue
Arterial/Venous/Neurovascular
2013 Edition

COVIDIEN



## ABOUT COVIDIEN

Covidien is a leading global healthcare products company that creates innovative medical solutions for better patient outcomes and delivers value through clinical leadership and excellence. Covidien manufactures, distributes and services a diverse range of industry-leading product lines including Medical Devices and Medical Supplies. Our success is made possible through the dedication of our 43,000 employees, nearly two-thirds of whom work in 51 manufacturing facilities located in 18 countries. Our products are sold in over 140 countries. Please visit www.covidien.com to learn more about our business.

## OUR MISSION

Covidien is a leading global healthcare products company that seeks better patient outcomes through innovative medical solutions, clinical leadership and excellence. With unmatched collaboration across disciplines, from arterial and venous to neurovascular, Covidien Vascular Therapies is committed to complete care.
Our comprehensive suite of solutions—from chronic venous insufficiency, deep vein thrombosis and dialysis access to peripheral artery disease, stroke treatment and aneurysm therapy—help more physicians deliver optimised patient care, worldwide.
Visit http://www.covidien.com

## OUR VALUES

**Customer 1st**
Customer needs are understood and considered in every decision. We ensure every customer contact, both internal and external, is accurate, respectful, prompt and meaningful.

**Empowerment**
We establish clear objectives, surround ourselves with talented people, and then get our of their way.

**Accountability**
We say what we will do, and do what we say. We reach agreements and hold each other equally accountable.

**Teamwork**
We achieve results through open collaboration where the talents of each team member enable the greater success of the team.

**Candor**
We express our honest intentions in everything we do.

**Sense of Urgency**
The Vital Few programs are our top priority; we reject complacency, embrace change and courageously confront obstacles to deliver on-time results.

**Continuous Process Improvement**
We seek to continually increase our efficiency by following a disciplined approach to assess and improve our business processes; we seek breakthrough improvements and Best in Class performance.

This catalogue includes information about products that are available in certain countries. Clearance of these products varies from location to location. Contact Covidien for more information about approval in your region.

Products pricing and additional information are available through your Covidien country representative. Availability and specifications are subject to change.

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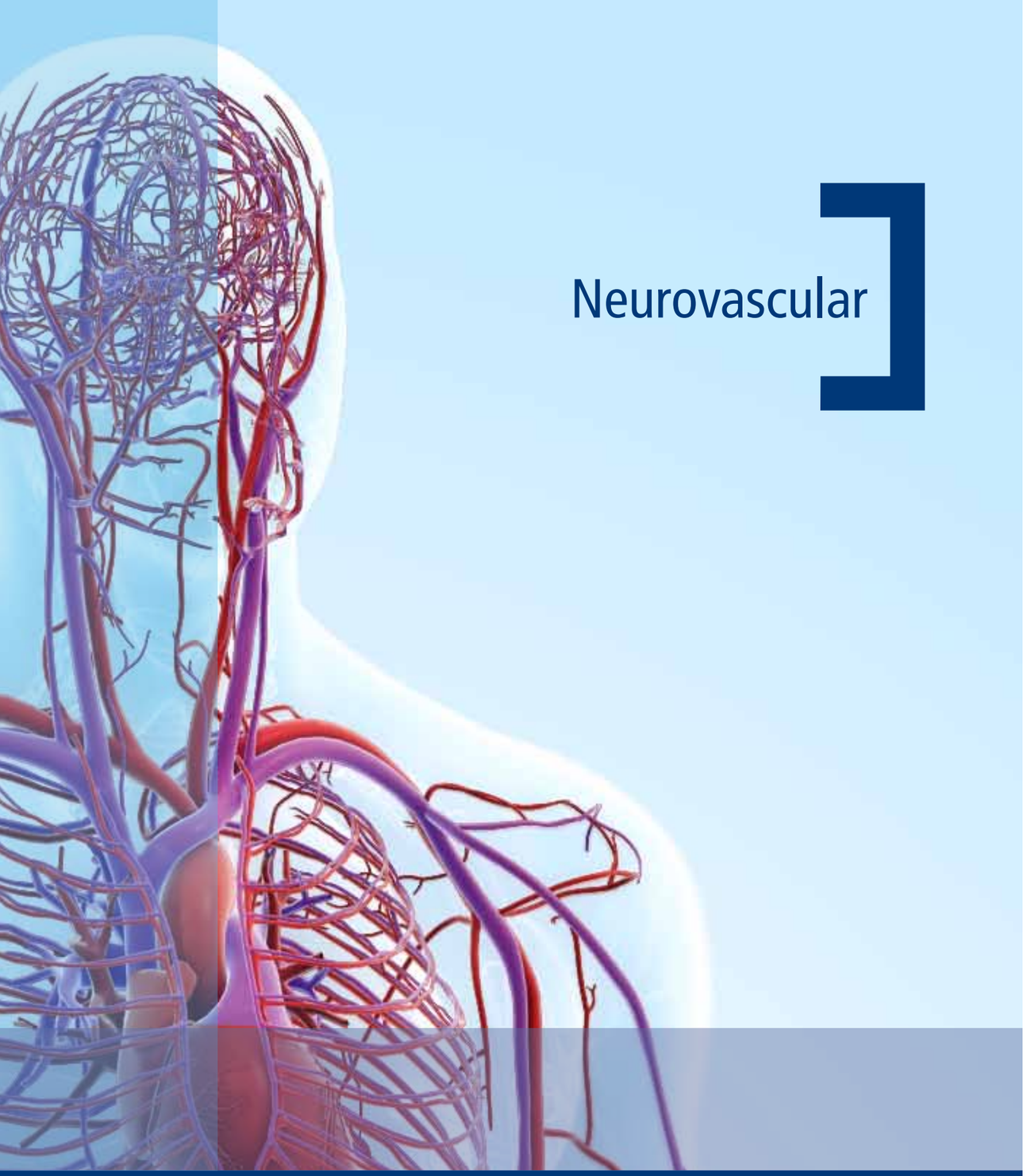
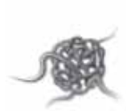


# Neurovascular

# Neurovascular Contents

# Hemorrhagic Stroke Solutions





## Onyx™ Liquid Embolic System

### Onyx™ HD-500 Liquid Embolic System

Onyx™ HD-500 liquid embolic system is an HDE device for the treatment of intracranial, saccular, sidewall aneurysms that present with a wide neck (≥ 4mm) or with a dome-to-neck ratio < 2 that are not amenable to treatment with surgical clipping.

| Product Catalogue Number | Onyx™ Formulation |
|---|---|
| 105-8300-500 | Onyx HD-500 |

INDICATIONS: Indicated for use in the embolisation of intracranial aneurysms.

### Onyx™ Liquid Embolic System

Onyx™ liquid embolic system is an EVOH co-polymer designed to provide full penetration and complete packing for the embolisation of vascular lesions.

| Product Catalogue Number | Onyx™ Formulation |
|---|---|
| 105-7000-060 | Onyx 18 |
| 105-7000-065 | Onyx 20 |
| 105-7000-080 | Onyx 34 |

INDICATIONS: Embolisation of lesions in the peripheral and neurovasculature, including arteriovenous malformations and hypervascular tumors.

### Onyx™ Liquid Embolic System Mixer

The Onyx™ liquid embolic system mixer (shaker) is packaged one unit per box. It contains four spaces for preparation of Onyx™ liquid embolic system vials simultaneously.

| Product Catalogue Number | Voltage |
|---|---|
| 103-1205-002 | 240 |

Onyx™ liquid embolic system mixer is an accessory to the Onyx™ liquid embolic system that allows proper suspension of the Onyx™ liquid embolic system tantalum for better visualisation prior to use.

### Onyx™ Liquid Embolic System Heater

The Onyx™ liquid embolic system heater is packaged one unit per box. It contains four wells to heat four Onyx™ liquid embolic system vials simultaneously.

| Product Catalogue Number | Voltage |
|---|---|
| 103-1206-002 | 230 |

Onyx™ liquid embolic system heather is an accessory to the Onyx™ liquid embolic system that facilitates proper suspension of the Onyx™ liquid embolic system tantalum for better visualisation.

### Onyx™ Liquid Embolic System Syringe Catheter Interface Adapter

The Micro Therapeutics' Onyx™ liquid embolic system Syringe - catheter interface adapter is intended for use as an accessory to the Onyx™ liquid embolic system and the 1.5F UltraFlow™ HPC micro catheter during Onyx™ liquid embolic system injection for the embolisation of brain arteriovenous malformations.

| Product Catalogue Number |
|---|
| 103-1207 |

INDICATIONS: The proximal end of the adapter incorporates a standard ISO, female luer design to facilitate connection to the syringe. The distal end is designed specifically to fit the hub of the 1.5F UltraFlow™ HPC / Marathon™ micro catheter 1.5F.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Axium™ Detachable Coils System

The Axium™ detachable coil system provides an elegant solution that addresses challenges by optimising coil delivery, deployment, and detachment. Its progressive coil diameter system vastly refines your coil selection process.

## Axium™ 3D Detachable Coil

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| QC-2-2-3D | 2 | 2 |
| QC-2-4-3D | 2 | 4 |
| QC-2-6-3D | 2 | 6 |
| QC-3-4-3D | 3 | 4 |
| QC-3-6-3D | 3 | 6 |
| QC-3-8-3D | 3 | 8 |
| QC-4-6-3D | 4 | 6 |
| QC-4-8-3D | 4 | 8 |
| QC-4-10-3D | 4 | 10 |
| QC-4-12-3D | 4 | 12 |
| QC-5-8-3D | 5 | 8 |
| QC-5-10-3D | 5 | 10 |
| QC-5-15-3D | 5 | 15 |
| QC-6-10-3D | 6 | 10 |
| QC-6-15-3D | 6 | 15 |
| QC-6-20-3D | 6 | 20 |
| QC-7-15-3D | 7 | 15 |
| QC-7-20-3D | 7 | 20 |

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| QC-7-30-3D | 7 | 30 |
| QC-8-15-3D | 8 | 15 |
| QC-8-20-3D | 8 | 20 |
| QC-8-30-3D | 8 | 30 |
| QC-9-20-3D | 9 | 20 |
| QC-9-30-3D | 9 | 30 |
| QC-10-20-3D | 10 | 20 |
| QC-10-30-3D | 10 | 30 |
| QC-12-30-3D | 12 | 30 |
| QC-12-40-3D | 12 | 40 |
| QC-14-30-3D | 14 | 30 |
| QC-14-40-3D | 14 | 40 |
| QC-16-40-3D | 16 | 40 |
| QC-18-40-3D | 18 | 40 |
| QC-20-50-3D | 20 | 50 |
| QC-22-50-3D | 22 | 50 |
| QC-25-50-3D | 25 | 50 |

INDICATIONS: Axium™ detachable coils are intended for the endovascular embolisation of intracranial aneurysms.
Axium™ detachable coils are also intended for the embolisation of other neurovascular abnormalities such as arteriovenous malformations and arteriovenous fistulae.

## I.D. Instant Detacher

One detacher required per procedure.

| Product Catalogue Number | Number by box |
|---|---|
| ID-1-5 | 5 |

# Axium™ PRIME Detachable Coils System

The Axium™ PRIME detachable coil system utilises an enlaced microfilament technology called LatticeFX™ and provides an ideal balance of softness, stability and volume through the progressive coil diameter and a single complete coil line.
Axium™ PRIME 4-6 mm coils accommodate challenging anatomies.
Axium™ PRIME coils are particulary beneficial for challenging aneurysms ideal for small and amorphic aneurysms.

## Axium™ PRIME 3D

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| APB-4-6-3D-SS | 4 | 6 |
| APB-4-8-3D-SS | 4 | 8 |
| APB-4-10-3D-SS | 4 | 10 |
| APB-4-12-3D-SS | 4 | 12 |
| APB-5-8-3D-SS | 5 | 8 |
| APB-5-10-3D-SS | 5 | 10 |
| APB-5-15-3D-SS | 5 | 15 |
| APB-6-10-3D-SS | 6 | 10 |
| APB-6-15-3D-SS | 6 | 15 |
| APB-6-20-3D-SS | 6 | 20 |

## Axium™ PRIME HELIX

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| APB-4-6-HX-SS | 4 | 6 |
| APB-4-8-HX-SS | 4 | 8 |
| APB-4-10-HX-SS | 4 | 10 |
| APB-4-12-HX-SS | 4 | 12 |
| APB-5-10-HX-SS | 5 | 10 |
| APB-5-15-HX-SS | 5 | 15 |
| APB-5-20-HX-SS | 5 | 20 |
| APB-6-12-HX-SS | 6 | 12 |
| APB-6-20-HX-SS | 6 | 20 |

INDICATIONS: Axium™ PRIME detachable coil system are intended for the endovascular embolisation of intracranial aneurysms.
Axium™ PRIME detachable coil system are also intended for the embolisation of other neurovascular abnormalities such as arteriovenous malformations and arteriovenous fistulae.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.



Hemorrhagic Stroke Solutions

# Axium™ Detachable Coils System

The Axium™ detachable coil system provides an elegant solution that addresses challenges by optimising coil delivery, deployment, and detachment. Its progressive coil diameter system vastly refines your coil selection process.

## Axium™ Helical Detachable Coil

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| QC-1.5-2-HELIX | 1.5 | 2 |
| QC-2-1-HELIX | 2 | 1 |
| QC-2-2-HELIX | 2 | 2 |
| QC-2-3-HELIX | 2 | 3 |
| QC-2-4-HELIX | 2 | 4 |
| QC-2-6-HELIX | 2 | 6 |
| QC-2-8-HELIX | 2 | 8 |
| QC-3-4-HELIX | 3 | 4 |
| QC-3-6-HELIX | 3 | 6 |
| QC-3-8-HELIX | 3 | 8 |
| QC-4-8-HELIX | 4 | 8 |
| QC-4-10-HELIX | 4 | 10 |
| QC-4-12-HELIX | 4 | 12 |
| QC-5-15-HELIX | 5 | 15 |
| QC-5-20-HELIX | 5 | 20 |
| QC-6-20-HELIX | 6 | 20 |
| QC-7-20-HELIX | 7 | 20 |
| QC-7-30-HELIX | 7 | 30 |
| QC-8-20-HELIX | 8 | 20 |
| QC-8-30-HELIX | 8 | 30 |
| QC-9-20-HELIX | 9 | 20 |
| QC-9-30-HELIX | 9 | 30 |
| QC-10-20-HELIX | 10 | 20 |
| QC-10-30-HELIX | 10 | 30 |
| QC-12-30-HELIX | 12 | 30 |
| QC-12-40-HELIX | 12 | 40 |
| QC-14-30-HELIX | 14 | 30 |
| QC-14-40-HELIX | 14 | 40 |
| QC-16-30-HELIX | 16 | 30 |
| QC-16-40-HELIX | 16 | 40 |
| QC-18-40-HELIX | 18 | 40 |
| QC-20-40-HELIX | 20 | 40 |
| QC-20-50-HELIX | 20 | 50 |

INDICATIONS: Axium™ detachable coils are intended for the endovascular embolisation of intracranial aneurysms.
Axium™ detachable coils are also intended for the embolisation of other neurovascular abnormalities such as arteriovenous malformations and arteriovenous fistulae.

## I.D. Instant Detacher

One detacher required per procedure.

| Product Catalogue Number | Number By Box |
|---|---|
| ID-1-5 | 5 |

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Axium™ Microfilament Detachable Coils System

The Axium™ detachable coil system utilises an enlaced microfilament technology called LatticeFX™ and provides an ideal balance of softness, stability and volume through the progressive coil diameter and a single complete coil line.

## Axium™ PGLA 3D

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| PC-2-2-3D | 2 | 2 |
| PC-2-4-3D | 2 | 4 |
| PC-2-6-3D | 2 | 6 |
| PC-3-4-3D | 3 | 4 |
| PC-3-6-3D | 3 | 6 |
| PC-3-8-3D | 3 | 8 |
| PC-4-6-3D | 4 | 6 |
| PC-4-8-3D | 4 | 8 |
| PC-4-10-3D | 4 | 10 |
| PC-4-12-3D | 4 | 12 |
| PC-5-8-3D | 5 | 8 |
| PC-5-10-3D | 5 | 10 |
| PC-5-15-3D | 5 | 15 |
| PC-6-10-3D | 6 | 10 |
| PC-6-15-3D | 6 | 15 |
| PC-6-20-3D | 6 | 20 |
| PC-7-15-3D | 7 | 15 |

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| PC-7-20-3D | 7 | 20 |
| PC-7-30-3D | 7 | 30 |
| PC-8-15-3D | 8 | 15 |
| PC-8-20-3D | 8 | 20 |
| PC-8-30-3D | 8 | 30 |
| PC-9-20-3D | 9 | 20 |
| PC-9-30-3D | 9 | 30 |
| PC-10-20-3D | 10 | 20 |
| PC-10-30-3D | 10 | 30 |
| PC-12-30-3D | 12 | 30 |
| PC-12-40-3D | 12 | 40 |
| PC-14-30-3D | 14 | 30 |
| PC-14-40-3D | 14 | 40 |
| PC-16-40-3D | 16 | 40 |
| PC-18-40-3D | 18 | 40 |

## Axium™ PGLA Helix

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| PC-2-1-HELIX | 2 | 1 |
| PC-2-2-HELIX | 2 | 2 |
| PC-2-3-HELIX | 2 | 3 |
| PC-2-4-HELIX | 2 | 4 |
| PC-2-6-HELIX | 2 | 6 |
| PC-2-8-HELIX | 2 | 8 |
| PC-3-4-HELIX | 3 | 4 |
| PC-3-6-HELIX | 3 | 6 |
| PC-3-8-HELIX | 3 | 8 |
| PC-4-6-HELIX | 4 | 6 |
| PC-4-8-HELIX | 4 | 8 |
| PC-4-10-HELIX | 4 | 10 |

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| PC-4-12-HELIX | 4 | 12 |
| PC-5-15-HELIX | 5 | 15 |
| PC-5-20-HELIX | 5 | 20 |
| PC-6-20-HELIX | 6 | 20 |
| PC-7-20-HELIX | 7 | 20 |
| PC-7-30-HELIX | 7 | 30 |
| PC-8-20-HELIX | 8 | 20 |
| PC-8-30-HELIX | 8 | 30 |
| PC-9-20-HELIX | 9 | 20 |
| PC-9-30-HELIX | 9 | 30 |
| PC-10-20-HELIX | 10 | 20 |
| PC-10-30-HELIX | 10 | 30 |

## Axium™ Nylon Helix

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| NC-2-1-HELIX | 2 | 1 |
| NC-2-2-HELIX | 2 | 2 |
| NC-2-3-HELIX | 2 | 3 |
| NC-2-4-HELIX | 2 | 4 |
| NC-2-6-HELIX | 2 | 6 |
| NC-2-8-HELIX | 2 | 8 |

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| NC-3-4-HELIX | 3 | 4 |
| NC-3-6-HELIX | 3 | 6 |
| NC-3-8-HELIX | 3 | 8 |
| NC-4-8-HELIX | 4 | 8 |
| NC-4-10-HELIX | 4 | 10 |

INDICATIONS: Axium™ detachable coils are intended for the endovascular embolisation of intracranial aneurysms.
Axium™ detachable coils are also intended for the embolisation of other neurovascular abnormalities such as arteriovenous malformations and arteriovenous fistulae.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.





# Solitaire™ AB Neurovascular Remodeling Device

The Solitaire™ AB neurovascular remodeling device is the newest advancement in the treatment of neurovascular aneurysms. It is the first fully deployable and retrievable device of its kind. Solitaire™ AB is a self-expanding stent that is designed for bridging the neck of aneurysms to support the coil mass.It can be delivered and deployed by a single operator. The Solitaire™ AB neurovascular remodeling device is electrolytically detached using the Covidien Solitaire™ AB detachment system.

| Product Catalogue Number | Vessel Diameter Range (mm) | Device Diameter (mm) | Minimum Microcatheter ID | Distal Marker | Proximal Marker |
|---|---|---|---|---|---|
| SAB-3-20 | 2.2-3.0 | 3 | 0.021 | 3 | 1 |
| SAB-3-30 | 2.2-3.0 | 3 | 0.021 | 3 | 1 |
| SAB-4-15 | 3.0-4.0 | 4 | 0.021 | 3 | 1 |
| SAB-4-20 | 3.0-4.0 | 4 | 0.021 | 3 | 1 |
| SAB-4-30 | 3.0-4.0 | 4 | 0.021 | 3 | 1 |
| SAB-4-40 | 3.0-4.0 | 4 | 0.021 | 3 | 1 |
| SAB-5-20 | 4.0-5.0 | 5 | 0.027 | 4 | 1 |
| SAB-5-30 | 4.0-5.0 | 5 | 0.027 | 4 | 1 |
| SAB-5-40 | 4.0-5.0 | 5 | 0.027 | 4 | 1 |
| SAB-6-20 | 5.0-6.0 | 6 | 0.027 | 4 | 1 |
| SAB-6-30 | 5.0-6.0 | 6 | 0.027 | 4 | 1 |

INDICATIONS: The Solitaire™ AB neurovascular remodeling device is designed for use as an adjunctive device in the treatment of intracranial aneurysms.

## Vessel Diameter Sizing Chart

| Product Catalogue Number | Useable Length (mm) — Vessel Diameter (mm) | | | | | Total Length (mm) — Vessel Diameter (mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2.2 | 3 | 4 | 5 | 6 | 2.2 | 3 | 4 | 5 | 6 |
| SAB-3-20 | 24.2 | 21.7 | - | - | - | 32.2 | 31.1 | - | - | - |
| SAB-3-30 | 36.6 | 32.1 | - | - | - | 44.8 | 41.7 | - | - | - |
| SAB-4-15 | - | 17.6 | 15.6 | - | - | - | 27.7 | 27.3 | - | - |
| SAB-4-20 | - | 22.5 | 20.6 | - | - | - | 33.1 | 32.1 | - | - |
| SAB-4-30 | - | 33.1 | 31.1 | - | - | - | 43.5 | 42.3 | - | - |
| SAB-4-40 | - | 44.3 | 40.2 | - | - | - | 54.2 | 51.6 | - | - |
| SAB-5-20 | - | - | 23.2 | 20.1 | - | - | - | 33.6 | 32.6 | - |
| SAB-5-30 | - | - | 32.4 | 29.1 | - | - | - | 42.9 | 41.8 | - |
| SAB-5-40 | - | - | 42.1 | 38.3 | - | - | - | 52.4 | 50.9 | - |
| SAB-6-20 | - | - | - | 19.6 | 17.9 | - | - | - | 32.7 | 32.3 |
| SAB-6-30 | - | - | - | 30.9 | 28.3 | - | - | - | 43.9 | 42.8 |

## Solitaire™ AB Detachment System

The Solitaire™ AB detachment system is a battery operated device designed to initiate and control the detachment of the Solitaire™ AB neurovascular remodeling device

| Product Catalogue Number | Description |
|---|---|
| NDS-2 | Solitaire™ Detachment System |

## Detachment Cables

| Product Catalogue Number | Length (m) | Cables/Box |
|---|---|---|
| NCS-2.75-1 | 2.75 | 1 |
| NCS-2.75-2 | 2.75 | 2 |
| NCS-2.75-5 | 2.75 | 5 |

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Pipeline™ Embolisation Device

The Pipeline™ embolisation device redefines the scope of treatment for large, giant, wide-necked, failed-treatment, and fusiform aneurysms by reconstructing the parent artery and restoring its natural course with or without the use of adjunctive embolic devices.

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| FA-77250-10 | 2.50 | 10 |
| FA-77275-10 | 2.75 | 10 |
| FA-77300-10 | 3.00 | 10 |
| FA-77325-10 | 3.25 | 10 |
| FA-77350-10 | 3.50 | 10 |
| FA-77375-10 | 3.75 | 10 |
| FA-77400-10 | 4.00 | 10 |
| FA-77425-10 | 4.25 | 10 |
| FA-77450-10 | 4.50 | 10 |
| FA-77475-10 | 4.75 | 10 |
| FA-77500-10 | 5.00 | 10 |
| FA-77250-12 | 2.50 | 12 |
| FA-77275-12 | 2.75 | 12 |
| FA-77300-12 | 3.00 | 12 |
| FA-77325-12 | 3.25 | 12 |
| FA-77350-12 | 3.50 | 12 |
| FA-77375-12 | 3.75 | 12 |
| FA-77400-12 | 4.00 | 12 |
| FA-77425-12 | 4.25 | 12 |
| FA-77450-12 | 4.50 | 12 |
| FA-77475-12 | 4.75 | 12 |
| FA-77500-12 | 5.00 | 12 |
| FA-77250-14 | 2.50 | 14 |
| FA-77275-14 | 2.75 | 14 |
| FA-77300-14 | 3.00 | 14 |
| FA-77325-14 | 3.25 | 14 |
| FA-77350-14 | 3.50 | 14 |
| FA-77375-14 | 3.75 | 14 |
| FA-77400-14 | 4.00 | 14 |
| FA-77425-14 | 4.25 | 14 |
| FA-77450-14 | 4.50 | 14 |
| FA-77475-14 | 4.75 | 14 |
| FA-77500-14 | 5.00 | 14 |
| FA-77250-16 | 2.50 | 16 |
| FA-77275-16 | 2.75 | 16 |
| FA-77300-16 | 3.00 | 16 |
| FA-77325-16 | 3.25 | 16 |
| FA-77350-16 | 3.50 | 16 |
| FA-77375-16 | 3.75 | 16 |
| FA-77400-16 | 4.00 | 16 |
| FA-77425-16 | 4.25 | 16 |
| FA-77450-16 | 4.50 | 16 |
| FA-77475-16 | 4.75 | 16 |
| FA-77500-16 | 5.00 | 16 |
| FA-77250-18 | 2.50 | 18 |
| FA-77275-18 | 2.75 | 18 |
| FA-77300-18 | 3.00 | 18 |

| Product Catalogue Number | Diameter (mm) | Length (cm) |
|---|---|---|
| FA-77325-18 | 3.25 | 18 |
| FA-77350-18 | 3.50 | 18 |
| FA-77375-18 | 3.75 | 18 |
| FA-77400-18 | 4.00 | 18 |
| FA-77425-18 | 4.25 | 18 |
| FA-77450-18 | 4.50 | 18 |
| FA-77475-18 | 4.75 | 18 |
| FA-77500-18 | 5.00 | 18 |
| FA-77250-20 | 2.50 | 20 |
| FA-77275-20 | 2.75 | 20 |
| FA-77300-20 | 3.00 | 20 |
| FA-77325-20 | 3.25 | 20 |
| FA-77350-20 | 3.50 | 20 |
| FA-77375-20 | 3.75 | 20 |
| FA-77400-20 | 4.00 | 20 |
| FA-77425-20 | 4.25 | 20 |
| FA-77450-20 | 4.50 | 20 |
| FA-77475-20 | 4.75 | 20 |
| FA-77500-20 | 5.00 | 20 |
| FA-71300-25* | 3.00 | 25 |
| FA-71325-25* | 3.25 | 25 |
| FA-71350-25* | 3.50 | 25 |
| FA-71375-25* | 3.75 | 25 |
| FA-71400-25* | 4.00 | 25 |
| FA-71425-25* | 4.25 | 25 |
| FA-71450-25* | 4.50 | 25 |
| FA-71475-25* | 4.75 | 25 |
| FA-71500-25* | 5.00 | 25 |
| FA-71300-30* | 3.00 | 30 |
| FA-71325-30* | 3.25 | 30 |
| FA-71350-30* | 3.50 | 30 |
| FA-71375-30* | 3.75 | 30 |
| FA-71400-30* | 4.00 | 30 |
| FA-71425-30* | 4.25 | 30 |
| FA-71450-30* | 4.50 | 30 |
| FA-71475-30* | 4.75 | 30 |
| FA-71500-30* | 5.00 | 30 |
| FA-71300-35* | 3.00 | 35 |
| FA-71325-35* | 3.25 | 35 |
| FA-71350-35* | 3.50 | 35 |
| FA-71375-35* | 3.75 | 35 |
| FA-71400-35* | 4.00 | 35 |
| FA-71425-35* | 4.25 | 35 |
| FA-71450-35* | 4.50 | 35 |
| FA-71475-35* | 4.75 | 35 |
| FA-71500-35* | 5.00 | 35 |

*Not available in all locations

CE
0297

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Acute Ischemic Stroke Solutions



## MindFrame Capture™ LP System

The MindFrame Capture™ LP system is the first low profile device specifically designed to be compatible with 10/14 micro catheter platform.

| Product Catalogue Number | Recommended Vessel Diameter (mm) | Minimum Microcatheter ID (inch) | Push Wire Length (cm) | Usable Length (mm) | Diameter (mm) | Total Length (mm) | Radiopaque Markers | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Distal | Proximal |
| 300010 | 2.0-3.0 | 0.0165 | 175 | 23 | 3 | 30 | 2 | 1 |
| 300011 | 2.0-3.0 | 0.0165 | 175 | 15 | 3 | 20 | 2 | 1 |
| 300012 | 2.5-3.5 | 0.0165 | 175 | 23 | 4 | 30 | 2 | 1 |
| 300013 | 2.5-3.5 | 0.0165 | 175 | 15 | 4 | 20 | 2 | 1 |

INDICATIONS: The MindFrame Capture™ LP system is indicated for temporary use to restore blood flow in the cerebral vasculature of patients suffering from an acute ischemic stoke. The MindFrame Capture™ LP system is positioned across the embolus or blood clot and is used to facilitate the restoration of blood flow and removal of the clot obstruction.
The MindFrame Capture™ LP system is indicated for:
- Endovascular temporary use in patients with acute ischemic stroke
- Endovascular temporary use to restore blood flow in patients who are experiencing symptoms of an acute ischemic stoke caused by an embolus in a cerebral vessel.

## Solitaire™ FR Revascularisation Device

The Solitaire™ FR revascularisation device with Parametric™ design, an overlapping stent-based technology, provides technology to restore flow, retrieve clot, and revive neurological tissue.

| Product Catalogue Number | Recommended Vessel Diameter (mm) | Minimum Microcatheter ID (inch) | Push Wire Length (cm) | Usable Length (mm) | Diameter (mm) | Total Length (mm) | Radiopaque Markers | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Distal | Proximal |
| SRD-4-15 | 2.0-4.0 | 0.021 | 180 | 15 | 4 | 26 | 3 | 1 |
| SRD-4-20 | 2.0-4.0 | 0.021 | 180 | 20 | 4 | 31 | 3 | 1 |
| SRD-6-20 | 3.0-5.5 | 0.027 | 180 | 20 | 6 | 31 | 4 | 1 |
| SRD-6-30 | 3.0-5.5 | 0.027 | 180 | 30 | 6 | 41 | 4 | 1 |

INDICATIONS: The Solitaire™ FR revascularisation device is designed for use in the flow restoration of patients with ischemic stroke due to large intracranial vessel occlusion. Patients who are ineligible for intravenous tissue plasminogen activator (IV t-PA) or who fail IV t-PA therapy are candidates for treatment.

CE
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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Neuro Radiology Access and Delivery Devices



## Guidewires

### Avigo™ Hydrophilic Guidewire

The Avigo™ guidewire has a stainless steel core wire with Twister™* technology Microridge™ technology.
The Avigo™ guidewire has a tungsten doped polymer jacket with hydrophilic coating on the distal 38 cm.

| Product Catalogue Number | Diameter (inch) | Total Length (cm) | Total Length (cm) | Tip Shape |
|---|---|---|---|---|
| 103-0606-200 | 0.014 | .355 | 205 | Straight |

INDICATIONS: The Avigo™ hydrophilic guidewire is indicated for general intravascular use to aid in the selective placement of catheters in the peripheral and cerebral vasculature during diagnostic and/or therapeutic procedures. The device is not intended for use in the coronary arteries .

### Mirage™ 0.08" Hydrophilic Guidewire

The Mirage™ hydrophilic guidewire is a stainless steel guidewire with a radioplaque, platinum distal coil. The guidewire is hydropthilically coated on the distal portion.

| Product Catalogue Number (1/Box) | Diameter (inch) | Total Length (cm) | Coil Length (cm) |
|---|---|---|---|
| 103-0608 | 0.008 | 200 | 10 |

INDICATIONS: The hydrophilic guidewire is indicated for general intravascular use to aid in the selective placement of catheters in the peripheral, visceral and cerebral vasculature during diagnostic and/or therapeutic procedures.

### SilverSpeed™ Hydrophilic Guidewire

The SilverSpeed™ hydrophilic guidewire is a stainless steel guidewire with a radioplaque, platinum distal coil. The guidewire is hydropthilically coated on the distal portion.

| Product Catalogue Number (1/Box) | Diameter (inch) | Total Length (cm) | Coil Length (cm) |
|---|---|---|---|
| 103-0601-200 | 0.010 | 200 | 10 |
| 103-0602-175 | 0.014 | 175 | 20 |
| 103-0602-200 | 0.014 | 200 | 20 |
| 103-0603-200 | 0.016 | 200 | 20 |

INDICATIONS: The hydrophilic guidewire is indicated for general intravascular use to aid in the selective placement of catheters in the peripheral, visceral and cerebral vasculature during diagnostic and/or therapeutic procedures.

For all Guidewires, Covidien has included in the sterile pouch a torque device to assist in guidewire manipulation and a guidewire introducer to ease the introduction of the guidewire into the catheter hub and/ot hemostatic valve.

CE
0297

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Guidewires

## X-pedion™ Hydrophilic Guidewire

The X-pedion™ hydrophilic guidewire is a stainless steel guidewire with a radiopaque, platinum distal coil. The guidewire is hydropthilically coated on the distal portion.

| Product Catalogue Number (1/Box) | Diameter (inch) | Total Length (cm) | Coil Length (cm) |
|---|---|---|---|
| 103-0605-200 | 0.010 | 200 | 10 |
| 203-0602-200 | 0.014 | 200 | 20 |

INDICATIONS: The X-pedion™ hydrophilic guidewire is indicated for general intravascular use to aid in the selective placement of catheters in the peripheral, visceral and cerebral vasculature during diagnostic and/or therapeutic procedures.

## X-celerator™ Hydrophilic Exchange Guidewire

The X-celetator™ hydrophilic exchange wire is a stainless steel guidewire with a radioplaque, platinum distal coil. The guidewire is hydrophilically coated on the distal portion. The proximal portion of the guidewire is coated with polytetrafluoroethylene (PTFE). The guidewire facilitates the exchange of one interventional device for another, while maintaining guidewire position in the anatomy.

| Product Catalogue Number (1/Box) | Diameter (inch) | Total Length (cm) | Coil Length (cm) |
|---|---|---|---|
| 103-0601-300 | 0.010 | 300 | 10 |
| 103-0602-300 | 0.014 | 300 | 20 |
| 103-0601-350 | 0.010 | 350 | 10 |
| 103-0602-350 | 0.014 | 350 | 20 |

INDICATIONS: The X-celerator™ hydrophilic guidewire is indicated for general intravascular use to aid in the selective placement of catheters in the peripheral, visceral and cerebral vasculature during diagnostic and/or therapeutic procedures.

# Accessories

## Cadence™ Precision Injector

Cadence™ precision injector syringe with threaded plunger.

| Product Catalogue Number (1/Box) | Capacity (ml) | Syringes/Box |
|---|---|---|
| 103-0304 | 1 | 5 |

INDICATIONS: The Cadence™ precision injector is intended for the delivery of fluids.

## 1ml Luer-Lock Injection Syringe

| Product Catalogue Number (1/Box) | Capacity (ml) | Syringes/Box |
|---|---|---|
| 103-1203 | 1 | 10 |

INDICATIONS: The Luer-Lock injector syringe is intended for the delivery of fluids.

For all Guidewires, Covidien has included in the sterile pouch a torque device to assist in guidewire manipulation and a guidewire introducer to ease the introduction of the guidewire into the catheter hub and/ot hemostatic valve.

CE
0297

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.



Neuro Radiology Access and Delivery Devices

# Micro Catheters

## UltraFlow™ HPC Micro Catheter

An Onyx™ liquid embolic system delivery micro catheter with a stainless steel proximal coil for optimised support and a very flexible distal part for flow directed navigation.

| Product Catalogue Number (1/Box) | O.D. (Fr) | Distal I.D. (inch) | Total Length (cm) | Usable Length (cm) | Distal Length (cm) | Max. Guidewire (inch) |
|---|---|---|---|---|---|---|
| 105-5065 | 3.0-1.5 | 0.012 | 170 | 170/165 | 35 | 0.010 |
| 105-5066 | 3.0-1.5 | 0.012 | 170 | 170/165 | 42 | 0.010 |

INDICATIONS: The UltraFlow™ HPC flow directed micro catheter is intended to access peripheral and neuro vasculature for the controlled selective infusion of physician-specified therapeutic agents such as embolisation materials and diagnostic materials such as contrast media. Not intended for use in the coronary vasculature.

## Marathon™ Micro Catheter

Marathon™ is a flow directed micro catheter with a proximal stainless steel coil for great proximal support and a nitinol distal braiding for high kink resistance for optimised delivery of Onyx™ liquid embolic system.

| Product Catalogue Number (1/Box) | O.D. (Fr) | Distal I.D. (inch) | Total Length (cm) | Usable Length (cm) | Distal Length (cm) | Max. Guidewire (inch) |
|---|---|---|---|---|---|---|
| 105-5055 | 2.7-1.5 | 0.013 | 170 | 165 | 25 | 0.010 |

INDICATIONS: The Marathon™ micro catheter is intended to access peripheral and neuro vasculature for the controlled selective infusion of physician-specified therapeutic agents such as embolisation catheter materials and diagnostic materials such as contrast media.

## Apollo™ detachable tip micro catheter Onyx™ liquid embolic system delivery micro catheter

An Onyx™ liquid embolic system deliverable detachable tip micro catheter,
designed to consistently release the distal tip for optimised delivery and safety.
Apollo™ detachable tip micro catheter is designed with a stainless steel proximal coil for support and a nitinol distal braiding for high kink resistance.

| Product Catalogue Number | Proximal Diameter (F) | Distal Outer Diameter (F) | Inner Diameter (inch) | Total Length (cm) | Tip Length (cm) | Tip Shape | Wire Compatibility (inch) |
|---|---|---|---|---|---|---|---|
| 105-5095-000 | 2.7 | 1.5 | 0.013 | 165 | 1.5 | Straight | ≤ 0.010 |
| 105-5096-000 | 2.7 | 1.5 | 0.013 | 165 | 3 | Straight | ≤ 0.010 |
| 105-5097-000 | 2.7 | 1.5 | 0.013 | 165 | 5 | Straight | ≤ 0.010 |

INDICATIONS: The Apollo™ detachable tip micro catheter Onyx™ liquid embolic system delivery micro catheter is intended to access the neuro vasculature for the controlled selective infusion of physician-specified therapeutic such as embolisation materials and diagnostic materials such as contrast media.

CE
0297

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Micro Catheters

## Echelon™ Micro Catheter

The Echelon™ micro catheter is a steam shapeable microcatheter with a variable nitinol braiding and a flexible distal tip for optimal device delivery. The Echelon™ micro catheter is DMSO compatible.

| Product Catalogue Number (1/Box) | O.D. (Fr) | Distal I.D. (inch) | Total Length (cm) | Usable Length (cm) | Max. Guidewire (inch) | Tip Length (mm) | Tip Shape |
|---|---|---|---|---|---|---|---|
| ECHELON™ 10 | | | | | | | |
| 105-5091-150 | 2.1-1.7 | 0.017 | 155 | 150 | 0.014 | - | Straight |
| 145-5091-150 | 2.1-1.7 | 0.017 | 155 | 150 | 0.014 | 2.5 | 45° |
| 190-5091-150 | 2.1-1.7 | 0.017 | 155 | 150 | 0.014 | 5.0 | 90° |
| ECHELON™ 14 | | | | | | | |
| 105-5092-150 | 2.4-1.9 | 0.017 | 155 | 150 | 0.014 | - | Straight |
| 145-5092-150 | 2.4-1.9 | 0.017 | 155 | 150 | 0.014 | 2.5 | 45° |
| 190-5092-150 | 2.4-1.9 | 0.017 | 155 | 150 | 0.014 | 5.0 | 90° |

INDICATIONS: The Echelon™ micro catheter is intended to access peripheral and neurovasculature for the controlled selective infusion of physician-specified therapeutic agents such as embolisation materials and of diagnostic materials such as contrast media.

## Nautica™ 14 XL Reinforced Micro Catheter

Nautica™ micro catheter is a device delivery micro catheter with variable stiffness zones for optimal support and navigation.

| Product Catalogue Number (1/Box) | O.D. (Fr) | Distal I.D. (inch) | Total Length (cm) | Usable Length (cm) | Max. Guidewire (inch) |
|---|---|---|---|---|---|
| 105-5094-153 | 2.8-2.2 | 0.018 | 155 | 150 | 0.016 |

INDICATIONS: The Nautica™ micro catheter is intended to access peripheral and neurovasculature for the controlled selective infusion of physician-specified therapeutic agents such as embolisation materials and of diagnostic materials such as contrast media.

CE
0297

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.



Neuro Radiology Access and Delivery Devices

# Micro Catheters

## Rebar™ Reinforced Micro Catheter

Rebar™ micro catheter is a stainless steel coil reinforced microcatheter offering high kink resistant for optimal device delivery. Rebar™ micro catheter is compatible with Onyx™ liquid embolic system.

| Product Catalogue Number (1/Box) | O.D. (Fr) | Distal I.D. (inch) | Total Length (cm) | Usable Length (cm) | Max. Guidewire (inch) |
|---|---|---|---|---|---|
| REBAR™ 10 | | | | | |
| 105-5078-153*C | 2.3-1.7 | 0.015 | 158 | 153 | 0.012 |
| REBAR™ 14 | | | | | |
| 105-5080-153*C | 2.4-1.9 | 0.017 | 158 | 153 | 0.014 |
| REBAR™ 18 | | | | | |
| 105-5081-153*C | 2.8-2.3 | 0.021 | 158 | 153 | 0.018 |
| 105-5081-130 | 2.8-2.3 | 0.021 | 135 | 130 | 0.018 |
| 105-5083-153 | 2.8-2.3 | 0.021 | 158 | 153 | 0.018 |
| REBAR™ 27 | | | | | |
| 105-5082-130 | 2.8-2.8 | 0.027 | 135 | 130 | 0.021 |
| 105-5082-145 | 2.8-2.8 | 0.027 | 150 | 145 | 0.021 |

*Dual Marker Bend

INDICATIONS: The Rebar™ micro catheter is intended for the controlled selective infusion of physician-specified therapeutic agents or contrast media into the vasculature of the peripheral and neuro anatomy.

## Orion™ 21 Micro Catheter

Orion™ 21 micro catheter is a stent delivery designed microcatheter with a proximal stainless steel hypotube and a distal variable nitinol braiding for great proximal support and optimised device delivery.

| Product Catalogue Number (1/Box) | Outer Diameter (F/in) | I.D. (inch) | Total Length (cm) | Wire Compatibility (inch) | Hypotube Length (cm) |
|---|---|---|---|---|---|
| 105-5098-150 | 2.4F/0.032″ Proximal 2.6F/0.034″ Distal | 0.021 | 150 | 0.018 Max | 82 |

INDICATIONS: The Orion™ micro catheter is intended for the controlled selective infusion of physician-specified therapeutic agents or contrast media into the vasculature of the peripheral and neuro anatomy.

CE
0297

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Marksman™ Catheter

## Marksman™ Micro Catheter

Marksman™ micro catheter is specially designed for the optimal and safe delivery of the Pipeline™ embolisation device. Proximally the design is offering a stainless steel coil and a stainless steel braiding for optimised handling and support. The Marksman™ catheter has a high kink resistant stainless steel braiding for a smooth device delivery.

| Product Catalogue Number | Outer Diameter Distal/Proximal (Fr) | Inner Diameter (inch) | Working Length (cm) | Distal Flexible Length (cm) |
|---|---|---|---|---|
| FA-55105-1015 | 2.8/3.2 | 0.027 | 105 | 10 |
| FA-55135-1030 | 2.8/3.2 | 0.027 | 135 | 10 |
| FA-55150-1030 | 2.8/3.2 | 0.027 | 150 | 10 |

INDICATIONS : The Marksman™ micro catheter is intended for the introduction of interventional devices into the neurovascular, peripheral and coronary vasculature.

## Navien™ Intra Cranial Support Catheter

Navien™ intracranial support catheter with a variable pitch nitinol coil offering a very flexible and supportive catheter with minimal ovalisation for optimal device delivery.

| Product Catalogue Number | Outer Diameter (Fr/inch) | Inner Diameter (inch) | Total Length (cm) | Tip Shape | Wire Compatibility (inch) |
|---|---|---|---|---|---|
| RFXA058-115-08 | 5.2/0.070 max | 0.058 | 115 | Straight | 0.035/0.038 |
| RFXA058-125-08 | 5/0.070 max | 0.058 | 125 | Straight | 0.035/0.038 |
| RFXA058-130-08 | 5/0.070 max | 0.058 | 130 | Straight | 0.035/0.038 |
| RFXA072-105-08MP | 6/0.084 max | 0.072 | 105 | Multi-Purpose 25° | 0.035/0.038 |
| RFXA072-115-08MP | 6.3/0.084 max | 0.072 | 115 | Multi-Purpose 25° | 0.035/0.038 |

Distal Flexible Lenght for all sizes = 8cm.

INDICATIONS: The Navien™ intra cranial catheter is indicated for the introduction of interventional / diagnostic devices into the peripheral, coronary, and neuro vasculature. The Navien™ intra cranial catheter is also indicated for the removal/ aspiration of fresh, soft emboli and thrombi from selected blood vessels in the arterial system, including neurovasculature.

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0297

The Marksman™ device is intended for the introduction of interventional devices into the neuro, peripheral and coronary vasculature.
See package insert for complete indications, contraindications, potential complications, warnings and instructions for use

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.



Neuro Radiology Access and Delivery Devices

# Alligator™ Retrieval Device

## Alligator™ Retrieval Device

The Alligator™ retrieval device is engineered with guidewire flexibility and trackability for optimal foreign body retrieval.
The Alligator™ retrieval device can be used with any 3F (0.21 ID) micro catheter - getting there with ease on a catheter you choose.

| Product Catalogue Number | Description | Jaw Diameter (inch) | Quantity | OD (mm) | Total Length (cm) |
|---|---|---|---|---|---|
| FA-88810-20 | 2mm ARD | 2 | 1 | 0.40 (0.016 in.) | 175.0 (69.0 in.) |
| FA-88810-30 | 3mm ARD | 3 | 1 | 0.40 (0.016 in.) | 175.0 (69.0 in.) |
| FA-88810-40 | 4mm ARD | 4 | 1 | 0.40 (0.016 in.) | 175.0 (69.0 in.) |
| FA-88810-50 | 5mm ARD | 5 | 1 | 0.40 (0.016 in.) | 175.0 (69.0 in.) |

INDICATIONS: The Alligator™ retrieval device is intended for use in the peripheral and neurovasculature for the retrieval of foreign bodies.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Balloons

A single lumen design balloon catheter with a complete line of sizes of compliant and super compliant neurovascular balloons for the optimal support of neurovascular procedures. Hyper balloons are DMSO compatible.

## HyperForm™ Occlusion Balloon System

The HyperForm™ occlusion balloon system is a single lumen balloon catheter that requires the insertion of the Covidien 0.010" guidewire to occlude the central lumen to allow inflation of the balloon. When the distal 10 cm platinum coil tip of the guidewire is advanced to or past the catheter tip, it occludes the inflation holes allowing the balloon to inflate through catheter sideholes.

| Product Catalogue Number | Usable Length (cm) | Balloon Diameter (mm) | Balloon Length (mm) | Tip Length (mm) | Proximal O.D. (Fr) | Distal O.D. (Fr) |
|---|---|---|---|---|---|---|
| 104-4370 | 150 | 3 | 7 | 2 | 2.8 | 2.2 |
| 104-4153 | 150 | 3 | 15 | 2 | 2.8 | 2.2 |
| 104-4470 | 150 | 4 | 7 | 2 | 2.8 | 2.2 |
| 104-4415 | 150 | 4 | 15 | 2 | 2.8 | 2.5 |
| 104-4420 | 150 | 4 | 20 | 2 | 2.8 | 2.5 |
| 104-4770 | 150 | 7 | 7 | 2 | 2.8 | 3.0 |
| 104-4715 | 150 | 7 | 15 | 2 | 2.8 | 3.0 |

INDICATIONS: The HyperForm™ occlusion balloon catheter is designed for the use in the blood vessels of the peripheral and neuro vasculature where temporary occlusion is desired. The HyperForm™ occlusion balloon catheter offers a vessel selective technique of temporary vascular occlusion which is useful in selectively stopping or controlling blood flow.

## HyperGlide™ Occlusion Balloon System

The HyperGlide™ occlusion balloon system is a single lumen balloon catheter that requires the insertion of the Covidien 0.010" guidewire to occlude the central lumen to allow inflation of the balloon. When the distal 10 cm platinum coil tip of the guidewire is advanced to or past the catheter tip, it occludes the inflation holes allowing the balloon to inflate through catheter sideholes. All systems packaged with an X-pedion™ hydrophilic guidewire (103-0605-200)

| Product Catalogue Number 1/Box | Balloon Crossing O.D. (Fr) | Balloon Diameter x Length (mm) | Catheter Tip Length (mm) | Usable Length (mm) |
|---|---|---|---|---|
| 104-4310 | 2.8-2.2 | 3x10 | 4 | 150 |
| 104-4315 | 2.8-2.2 | 3x15 | 4 | 150 |
| 104-4113 | 2.8-2.2 | 4x10 | 4 | 150 |
| 104-4112 | 2.8-2.2 | 4x15 | 4 | 150 |
| 104-4127 | 2.8-2.2 | 4x20 | 4 | 150 |
| 104-4132 | 2.8-2.2 | 4x30 | 4 | 150 |
| 104-4515 | 2.8-2.2 | 5x15 | 4 | 150 |
| 104-4520 | 2.8-2.2 | 5x20 | 4 | 150 |
| 104-4530 | 2.8-2.2 | 5x30 | 4 | 150 |

INDICATIONS: The HyperGlide™ occlusion balloon catheter is designed for the use in the blood vessels of the peripheral and neuro vasculature where temporary occlusion is desired. The HyperGlide™ occlusion balloon catheter offers a vessel selective technique of temporary vascular occlusion which is useful in selectively stopping or controlling blood flow.

## Navien™ Intra Cranial Support Catheter

The Navien™ intra cranial catheter is a single lumen, flexible, variable, stiffness composite catheter. The catheter shaft has a hydrolic coating to reduce friction during use. The Navien™ intra cranial catheter shaft is visible under fluoroscopy. The Navien™ intra cranial catheter inner lumen can accommodate guidewire up to 0.038 inches in diameter to aid in placement of catheter system.

| Product Catalogue Number | Outer Diameter (Fr/inch) | Inner Diameter (inch) | Total Length (cm) | Tip Shape | Wire Compatibility (inch) |
|---|---|---|---|---|---|
| 104-4370 | 5.2/0.070 max | 0.058 | 115 | Straight | 0.035/0.038 |
| 104-4153 | 5/0.070 max | 0.058 | 125 | Straight | 0.035/0.038 |
| 104-4470 | 5/0.070 max | 0.058 | 130 | Straight | 0.035/0.038 |
| 104-4415 | 6/0.084 max | 0.072 | 105 | Multi-Purpose 25° | 0.035/0.038 |
| 104-4420 | 6.3/0.084 max | 0.072 | 115 | Multi-Purpose 25° | 0.035/0.038 |

INDICATIONS: The Navien™ intra cranial catheter is indicated for the introduction of interventional / diagnostic devices into the peripheral, coronary, and neuro vasculature. The Navien™ intra cranial catheter is also indicated for the removal/ aspiration of fresh, soft emboli and thrombi from selected blood vessels in the arterial system, including neurovasculature.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.



Neuro Radiology Access and Delivery Devices

# Balloon Guide Catheter

## Cello™ Balloon Catheter
## Check availability with your sales representative for the 6/7/9F

The Cello™ balloon guide catheter is indicated for use in facilitating the insertion and guidance of intravascular catheters into a selected blood vessel in the peripheral and neuro vascular systems. The balloon provides temporary vascular occlusion during these and other angiographic procedures.

| Product Catalogue Number | Product Name | Conformable Sheath (F) | Tip Length (mm) | Balloon Length (mm) | OD (inch) | ID (inch) | Effective Length (cm) | Total Length (cm) |
|---|---|---|---|---|---|---|---|---|
| 1610060 | Cello 6F+ | 7 | 3 | 7 | 6F+ (0.079) | 0.051 | 95 | 103 |
| 1610070 | Cello 7F+ | 8 | 3 | 7 | 7F+ (0.094) | 0.067 | 95 | 103 |
| 1610080 | Cello 8F | 8 | 3 | 10 | 8F (0.106) | 0.075 | 95 | 103 |
| 1610090 | Cello 9F | 9 | 3 | 10 | 9F (0.114) | 0.085 | 92 | 100 |

INDICATIONS: The Cello™ balloon guide catheter is intented to temporarily block blood flow by expanding a balloon inside blood vessels during operations, such as : urgent hemostasis, hemostasis for surgery, perfusion of blood to peripheral vessel and arterial injection for chemotherapy.

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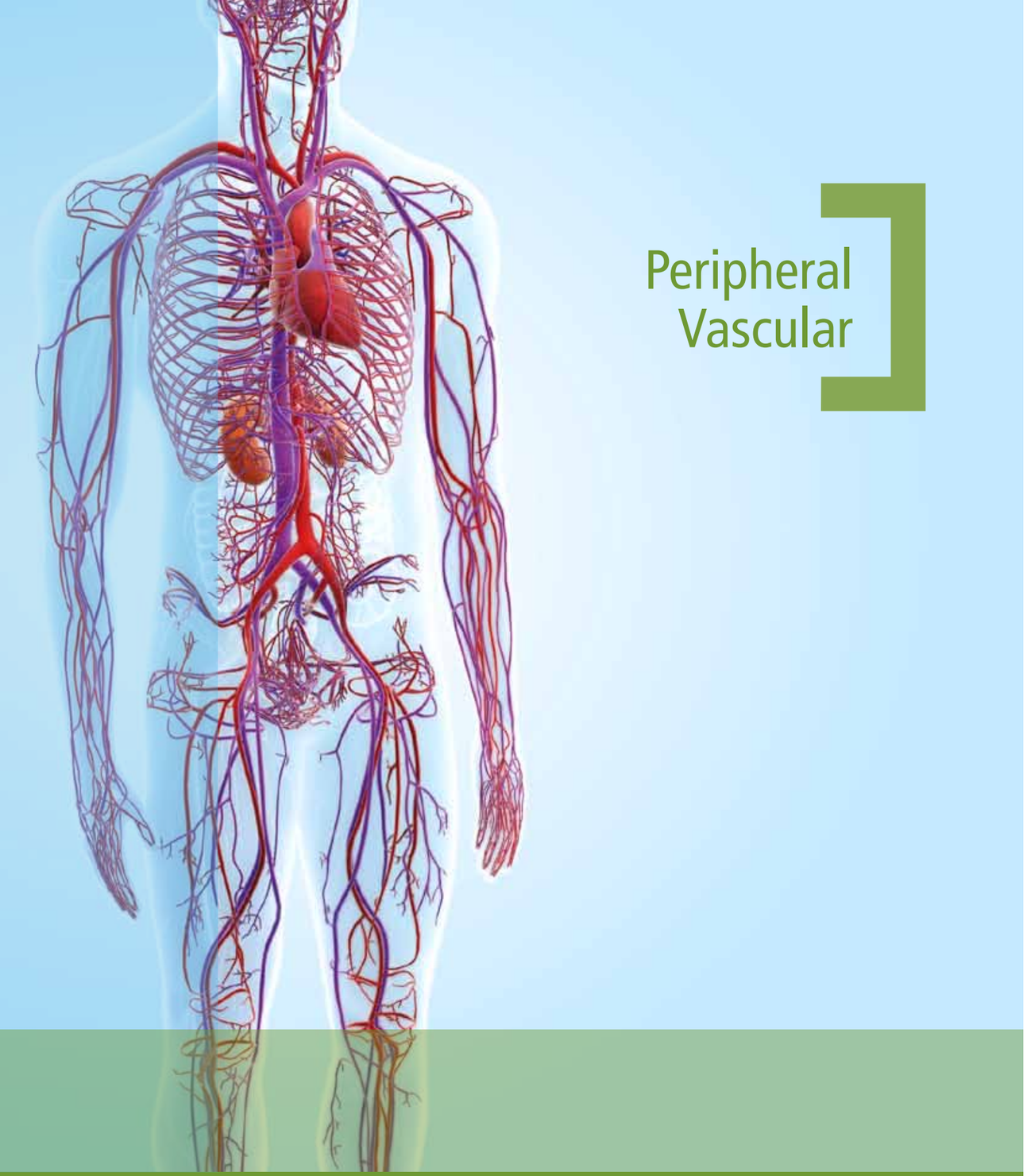
0086

The Cello™ device is intended to temporarily block blood flow by expanding a balloon inside blood vessels during operations, such as: urgent hemostasis, hemostasis for surgery, perfusion of blood to peripheral vessel, and arterial injection for chemotherapy.
Cello is a trademark of Fuji Systems Inc.

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.



# Peripheral Vascular

## Peripheral Vascular Contents

# Directional Atherectomy



## Peripheral Plaque Excision System

The Plaque Excision System helps to remove the disease that blocks arteries and interrupts blood flow preserving options for future treatments.

### TurboHawk™ Peripheral Catheters

TurboHawk™ peripheral plaque excision system is the newest generation atherectomy catheters. The TurboHawk™ peripheral plaque excision system incorporate several features designed to give physicians the confidence to treat any lesion morphology, including heavy calcium, located in large and small vessels.

| Model Name | Product Catalogue Number | Vessel Diameter (mm) | Sheath Compatibility (Fr) | Crossing Profile (inch) | Working Length[1] (cm) | Effective Length[2] (cm) | Tip Length (cm) | Max Cut Length (mm) |
|---|---|---|---|---|---|---|---|---|
| LS-C | THS-LS-C | 3.5-7.0 | 7/8 | 0.105 (2.7mm) | 110 | 104 | 6.0 | 50 |
| LS-M | THS-LS-M | 3.5-7.0 | 7/8 | 0.105 (2.7mm) | 110 | 104 | 6.0 | 50 |
| LX-C | THS-LX-C | 3.5-7.0 | 7/8 | 0.105 (2.7mm) | 113 | 104 | 9.0 | 75 |
| LX-M | THS-LX-M | 3.5-7.0 | 7/8 | 0.105 (2.7mm) | 113 | 104 | 9.0 | 75 |
| SX-C | THS-SX-C | 2.0-4.0 | 6 | 0.085 (2.2mm) | 135 | 129 | 5.9 | 40 |
| SS-C | THS-SS-C | 2.0-4.0 | 6 | 0.085 (2.2mm) | 133 | 129 | 3.9 | 20 |
| SS-CL | THS-SS-CL | 2.0-4.0 | 6 | 0.085 (2.2mm) | 149 | 145 | 3.9 | 20 |

INDICATIONS: The TurboHawk™ peripheral plaque excision system is intended for use in atherectomy of the peripheral vasculature. The TurboHawk™ catheter is not intended for use in the coronary, carotid, iliac or renal vasculature.



### SilverHawk™ Plaque Excision Peripheral Catheters

| Model Name | Product Catalogue Number | Vessel Diameter (mm) | Sheath Compatibility (Fr) | Crossing Profile (inch) | Working Length[1] (cm) | Effective Length[2] (cm) | Tip Length (cm) | Max Cut Length (mm) |
|---|---|---|---|---|---|---|---|---|
| LS-M | P4052 | 4.5-7.0 | 7 / 8 | 0.105 (2.7mm) | 110 | 104 | 6.0 | 50 |
| LX-M | P4055 | 4.5-6.5 | 7 / 8 | 0.105 (2.7mm) | 113 | 104 | 9.0 | 75 |
| MS-M | P4056 | 3.5-5.0 | 7 / 8 | 0.105 (2.7mm) | 110 | 104 | 6.0 | 50 |
| SXL | P4033 | 3.0-3.5 | 7 | 0.095 (2.4mm) | 136 | 129 | 7.2 | 50 |
| SS+ | P4030 | 3.0-3.5 | 7 | 0.090 (2.3mm) | 135 | 132 | 2.6 | 15 |
| EXL | P4044 | 2.0-3.0 | 6 | 0.080 (2.0mm) | 135 | 129 | 6.0 | 15 |
| ES+ | P4034 | 2.0-2.5 | 6 | 0.075 (1.9mm) | 135 | 132 | 2.2 | 10 |
| DS | P4028 | 1.5-2.0 | 6 | 0.077 (1.9mm) | 135 | 132 | 2.6 | 10 |

INDICATIONS: The SilverHawk™ peripheral plaque excision system is intended for use in atherectomy of the peripheral vasculature. The SilverHawk™ catheter is not intended for use in the coronary, carotid, iliac or renal vasculature.

NOTE: [1]Working Length - distal end of strain relief to the distal end of tip.
[2]Effective Length – distal end of strain relief to the distal end of the cutter window.

## Cutter Driver

| Product Catalogue Number |
|---|
| FG02550 |

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
SilverHawk is a trademark of FoxHollow Technologies.
Protected under one or more of the following: US Patent 7,713,279; 7,708,749; 7,479,147; 6,623,496; 6,447,525. Non-US Patent pending.

Product availability and/or specifications subject to change. Contact Covidien.

# Stents

## Visi-Pro™ Balloon- Expandable Peripheral Stent System

Broad offering of 6Fr-compatible 0.035" stent. Optimised visibility. 0.035" balloon-expandable stent with radiopaque marker technology. Low crossing profile. Minimal shortening for placement confidence.

### Visi-Pro™ Catheter Length 80cm

Each system includes: One stent and delivery catheter system

| Product Catalogue Number Catheter Length 80cm | Stent Dimensions | | Balloon Length (mm) | Recommended Sheath Size (Fr) | Recommended Guidewire (inch) | Crossing Profile (inch) |
|---|---|---|---|---|---|---|
| | Diameter (mm) | Length (mm) | | | | |
| PXP35-05-12-080 | 5.0 | 12 | 15 | 6 | 0.035 | 0.079 |
| PXP35-05-17-080 | 5.0 | 17 | 20 | 6 | 0.035 | 0.079 |
| PXP35-05-27-080 | 5.0 | 27 | 30 | 6 | 0.035 | 0.079 |
| PXP35-05-37-080 | 5.0 | 37 | 40 | 6 | 0.035 | 0.079 |
| PXP35-05-57-080 | 5.0 | 57 | 60 | 6 | 0.035 | 0.079 |
| PXP35-06-12-080 | 6.0 | 12 | 15 | 6 | 0.035 | 0.079 |
| PXP35-06-17-080 | 6.0 | 17 | 20 | 6 | 0.035 | 0.079 |
| PXP35-06-27-080 | 6.0 | 27 | 30 | 6 | 0.035 | 0.079 |
| PXP35-06-37-080 | 6.0 | 37 | 40 | 6 | 0.035 | 0.081 |
| PXP35-06-57-080 | 6.0 | 57 | 60 | 6 | 0.035 | 0.083 |
| PXP35-07-12-080 | 7.0 | 12 | 15 | 6 | 0.035 | 0.079 |
| PXP35-07-17-080 | 7.0 | 17 | 20 | 6 | 0.035 | 0.079 |
| PXP35-07-27-080 | 7.0 | 27 | 30 | 6 | 0.035 | 0.079 |
| PXP35-07-37-080 | 7.0 | 37 | 40 | 6 | 0.035 | 0.081 |
| PXP35-07-57-080 | 7.0 | 57 | 60 | 6 | 0.035 | 0.083 |
| PXP35-08-17-080 | 8.0 | 17 | 20 | 6 | 0.035 | 0.083 |
| PXP35-08-27-080 | 8.0 | 27 | 30 | 6 | 0.035 | 0.083 |
| PXP35-08-37-080 | 8.0 | 37 | 40 | 6 | 0.035 | 0.083 |
| PXP35-08-57-080 | 8.0 | 57 | 60 | 6 | 0.035 | 0.084 |
| PXP35-09-17-080 | 9.0 | 17 | 20 | 7 | 0.035 | 0.088 |
| PXP35-09-27-080 | 9.0 | 27 | 30 | 7 | 0.035 | 0.088 |
| PXP35-09-37-080 | 9.0 | 37 | 40 | 7 | 0.035 | 0.088 |
| PXP35-09-57-080 | 9.0 | 57 | 60 | 7 | 0.035 | 0.088 |
| PXP35-10-17-080 | 10.0 | 17 | 20 | 7 | 0.035 | 0.092 |
| PXP35-10-27-080 | 10.0 | 27 | 30 | 7 | 0.035 | 0.092 |
| PXP35-10-37-080 | 10.0 | 37 | 40 | 7 | 0.035 | 0.092 |
| PXP35-10-57-080 | 10.0 | 57 | 60 | 7 | 0.035 | 0.092 |

Specifications Nominal, 6Fr=0.085" I.D.

INDICATIONS: The Visi-Pro™ peripheral stent system is indicated for use in the iliac, renal or subclavian arteries, as well as malignant biliary use.

### Vessel Diameter Sizing Chart

| Visi-Pro™ Diameter (mm) | Inflation Pressure (atm) | | | | |
|---|---|---|---|---|---|
| | 8 | 9 | 10 | 11 | 12 |
| 5.0 | 5.00(1) | 5.09 | 5.16 | 5.22 | 5.28(2) |
| 6.0 | 6.00(1) | 6.11 | 6.22 | 6.31 | 6.39(2) |
| 7.0 | | | 7.00(1) | 7.09 | 7.17(2) |
| 8.0 | | | 8.00(1) | 8.15 | 8.26(2) |
| 9.0 | | | 9.00(1) | 9.15 | 9.28(2) |
| 10.0 | | | 10.00(1) | 10.11 | 10.21(2) |

(1) Diameter at Nominal Pressure
(2) Diameter at Rated Burst Pressure

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,827,732; 6,558,415; 6,358,274; 6,254,631; 6,132,460. Non-US patents pending.

Product availability and/or specifications subject to change. Contact Covidien.

# Visi-Pro™ Balloon- Expandable Peripheral Stent System

Broad offering of 6Fr-compatible 0.035" stent. Optimised visibility. 0.035" balloon-expandable stent with radiopaque marker technology. Low crossing profile. Minimal shortening for placement confidence.

## Visi-Pro™ Catheter Length 135cm

Each system includes: One stent and delivery catheter system

| Product Catalogue Number Catheter Length 135cm | Stent Dimensions | | Balloon Length (mm) | Recommended Sheath Size (Fr) | Recommended Guidewire (inch) | Crossing Profile (inch) |
|---|---|---|---|---|---|---|
| | Diameter (mm) | Length (mm) | | | | |
| PXP35-05-17-135 | 5.0 | 17 | 20 | 6 | 0.035 | 0.079 |
| PXP35-05-27-135 | 5.0 | 27 | 30 | 6 | 0.035 | 0.079 |
| PXP35-05-37-135 | 5.0 | 37 | 40 | 6 | 0.035 | 0.079 |
| PXP35-05-57-135 | 5.0 | 57 | 60 | 6 | 0.035 | 0.079 |
| PXP35-06-17-135 | 6.0 | 17 | 20 | 6 | 0.035 | 0.079 |
| PXP35-06-27-135 | 6.0 | 27 | 30 | 6 | 0.035 | 0.079 |
| PXP35-06-37-135 | 6.0 | 37 | 40 | 6 | 0.035 | 0.081 |
| PXP35-06-57-135 | 6.0 | 57 | 60 | 6 | 0.035 | 0.083 |
| PXP35-07-17-135 | 7.0 | 17 | 20 | 6 | 0.035 | 0.079 |
| PXP35-07-27-135 | 7.0 | 27 | 30 | 6 | 0.035 | 0.079 |
| PXP35-07-37-135 | 7.0 | 37 | 40 | 6 | 0.035 | 0.081 |
| PXP35-07-57-135 | 7.0 | 57 | 60 | 6 | 0.035 | 0.083 |
| PXP35-08-17-135 | 8.0 | 17 | 20 | 6 | 0.035 | 0.083 |
| PXP35-08-27-135 | 8.0 | 27 | 30 | 6 | 0.035 | 0.083 |
| PXP35-08-37-135 | 8.0 | 37 | 40 | 6 | 0.035 | 0.083 |
| PXP35-08-57-135 | 8.0 | 57 | 60 | 6 | 0.035 | 0.084 |
| PXP35-09-17-135 | 9.0 | 17 | 20 | 7 | 0.035 | 0.088 |
| PXP35-09-27-135 | 9.0 | 27 | 30 | 7 | 0.035 | 0.088 |
| PXP35-09-37-135 | 9.0 | 37 | 40 | 7 | 0.035 | 0.088 |
| PXP35-09-57-135 | 9.0 | 57 | 60 | 7 | 0.035 | 0.088 |
| PXP35-10-17-135 | 10.0 | 17 | 20 | 7 | 0.035 | 0.092 |
| PXP35-10-27-135 | 10.0 | 27 | 30 | 7 | 0.035 | 0.092 |
| PXP35-10-37-135 | 10.0 | 37 | 40 | 7 | 0.035 | 0.092 |
| PXP35-10-57-135 | 10.0 | 57 | 60 | 7 | 0.035 | 0.092 |

Specifications Nominal, 6Fr=0.085" I.D.

INDICATIONS: The Visi-Pro™ peripheral stent system is indicated for use in the iliac, renal or subclavian arteries, as well as malignant biliary use.

## Vessel Diameter Sizing Chart

| Visi-Pro™ Diameter (mm) | Inflation Pressure (atm) | | | | |
|---|---|---|---|---|---|
| | 8 | 9 | 10 | 11 | 12 |
| 5.0 | 5.00(1) | 5.09 | 5.16 | 5.22 | 5.28(2) |
| 6.0 | 6.00(1) | 6.11 | 6.22 | 6.31 | 6.39(2) |
| 7.0 | | | 7.00(1) | 7.09 | 7.17(2) |
| 8.0 | | | 8.00(1) | 8.15 | 8.26(2) |
| 9.0 | | | 9.00(1) | 9.15 | 9.28(2) |
| 10.0 | | | 10.00(1) | 10.11 | 10.21(2) |

(1) Diameter at Nominal Pressure
(2) Diameter at Rated Burst Pressure

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,827,732; 6,558,415; 6,358,274; 6,254,631; 6,132,460. Non-US Patent pending.

Product availability and/or specifications subject to change. Contact Covidien.





# ParaMount™ Mini GPS™ Balloon - Expandable Peripheral Stent System

The Paramount™ Mini GPS™ is the premounted renal stent line with tantalum markers on a balloon catheter delivery system. The devices are compatible with 5 and 6 Fr introducers and 0.014" and 0.018" guidewires.

## ParaMount™ Mini GPS™ Balloon-Expandable Peripheral Stent System

Each system includes: One stent and delivery catheter system

| Product Catalogue Number | Expanded Stent Size | | Balloon Length (mm) | Usable Length (cm) | Rated Burst Pressure (atm) | Nominal Burst Pressure (atm) | Recommended Guide/Catheter Sheath Size (inch) | Recommended Guidewire (inch) | Crossing Profile (inch) |
|---|---|---|---|---|---|---|---|---|---|
| | Diameter (mm) | Length (mm) | | | | | | | |
| PMP4-5-14-80 | 5.0 | 14 | 17 | 80 | 12 | 10 | 6/5 | 0.014 | 0.062 |
| PMP4-5-18-80 | 5.0 | 18 | 20 | 80 | 12 | 10 | 6/5 | 0.014 | 0.062 |
| PMP4-5-21-80 | 5.0 | 21 | 24 | 80 | 12 | 10 | 6/5 | 0.014 | 0.062 |
| PMP4-6-14-80 | 6.0 | 14 | 17 | 80 | 12 | 10 | 7/6 | 0.014 | 0.066 |
| PMP4-6-18-80 | 6.0 | 18 | 20 | 80 | 12 | 10 | 7/6 | 0.014 | 0.066 |
| PMP4-6-21-80 | 6.0 | 21 | 24 | 80 | 12 | 10 | 7/6 | 0.014 | 0.066 |
| PMP4-7-14-80 | 7.0 | 14 | 17 | 80 | 12 | 10 | 7/6 | 0.014 | 0.070 |
| PMP4-7-18-80 | 7.0 | 18 | 20 | 80 | 12 | 10 | 7/6 | 0.014 | 0.070 |
| PMP4-7-21-80 | 7.0 | 21 | 24 | 80 | 12 | 10 | 7/6 | 0.014 | 0.070 |
| PMP8-5-14-80 | 5.0 | 14 | 17 | 80 | 12 | 10 | 6/5 | 0.018 | 0.062 |
| PMP8-5-18-80 | 5.0 | 18 | 20 | 80 | 12 | 10 | 6/5 | 0.018 | 0.062 |
| PMP8-5-21-80 | 5.0 | 21 | 24 | 80 | 12 | 10 | 6/5 | 0.018 | 0.062 |
| PMP8-6-14-80 | 6.0 | 14 | 17 | 80 | 12 | 10 | 6*/5 | 0.018 | 0.066 |
| PMP8-6-18-80 | 6.0 | 18 | 20 | 80 | 12 | 10 | 6*/5 | 0.018 | 0.066 |
| PMP8-6-21-80 | 6.0 | 21 | 24 | 80 | 12 | 10 | 6*/5 | 0.018 | 0.066 |
| PMP8-7-14-80 | 7.0 | 14 | 17 | 80 | 12 | 10 | 7/6 | 0.018 | 0.070 |
| PMP8-7-18-80 | 7.0 | 18 | 20 | 80 | 12 | 10 | 7/6 | 0.018 | 0.070 |
| PMP8-7-21-80 | 7.0 | 21 | 24 | 80 | 12 | 10 | 7/6 | 0.018 | 0.070 |

Specifications Nominal, 6Fr=0.070" I.D.

| ParaMount™ Mini GPS™ Diameter (mm) | Inflation Pressure (atm) | | | |
|---|---|---|---|---|
| | 9 | 10 | 11 | 12 |
| 5.0 | 4.96 | 5.04(1) | 5.12 | 5.20(2) |
| 6.0 | 5.78 | 5.88(1) | 5.98 | 6.08(2) |
| 7.0 | 6.87 | 6.98(1) | 7.10 | 7.22(2) |

(1) Diameter at Nominal Pressure
(2) Diameter at Rated Burst Pressure

INDICATIONS: The ParaMount™ Mini GPS™ stent system is indicated for use in the renal artery, as well as malignant biliary use.

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,827,732; 6,558,415; 6,358,274; 6,254,631; 6,132,460. Non-US patents pending.

Product availability and/or specifications subject to change. Contact Covidien.

# IntraStent™ LD - Large Diameter Stent

The IntraStent™ LD stent family of large lumen stainless steel stents has been designed to supply a larger diameter device with the flexibility, strength, coverage and profile normally associated with smaller diameter stents. Three models are available.

## IntraStent™ LD Stent Family

| Product Catalogue Number | International Product Number | Un-expanded Stent Size | | Expanded Stent Size | |
|---|---|---|---|---|---|
| | | Diameter (mm) | Length (mm) | Diameter (mm) | Length (mm) |
| **INTRASTENT™ LD DOUBLESTRUT™** | | | | | |
| 90-1504-000 | S15-16 | 3.8 | 16.0 | 9, 10, 11, 12 | 16.0 |
| 90-1504-001 | S15-26 | 3.8 | 26.0 | 9, 10, 11, 12 | 26.0 |
| 90-1504-002 | S15-36 | 3.8 | 36.0 | 9, 10, 11, 12 | 36.0 |
| 90-1504-003 | S15-56 | 3.8 | 56.0 | 9, 10, 11, 12 | 56.0 |
| 90-1504-004 | S15-76 | 3.8 | 76.0 | 9, 10, 11, 12 | 76.0 |
| **INTRASTENT™ LD MEGA™** | | | | | |
| 90-2336-000 | S17-16 | 3.8 | 16.0 | 9, 10, 11, 12 | 16.0 |
| 90-2336-001 | S17-26 | 3.8 | 26.0 | 9, 10, 11, 12 | 26.0 |
| 90-2336-002 | S17-36 | 3.8 | 36.0 | 9, 10, 11, 12 | 36.0 |
| **INTRASTENT™ LD MAX™** | | | | | |
| 90-2337-000 | S18-16 | 4.5 | 16.0 | 12 | 16.0 |
| 90-2337-001 | S18-26 | 4.5 | 26.0 | 12 | 26.0 |
| 90-2337-002 | S18-36 | 4.5 | 36.0 | 12 | 36.0 |

Specifications Nominal

INDICATIONS: The IntraStent™ LD Double Strut™, IntraStent™ LD Mega™ and the IntraStent™ LD Max™ s3tents are indicated for use in iliac and subclavian arteries. The IntraStent™ LD Double Strut™ is also indicated for malignant biliary use.

## IntraStent™ LD Stent Mega™ and LD Max™ Stent Chart

| Stent Expanded Diameter (mm) | IntraStent™ LD Mega™ Stent Lengths (mm) | | | IntraStent™ LD Max™ Stent Lengths (mm) | | |
|---|---|---|---|---|---|---|
| | 16 | 26 | 36 | 16 | 26 | 36 |
| 9 | **16.0** | **26.0** | **36.0** | **16.0** | **26.0** | **36.0** |
| 10 | 16.0 | 26.0 | 36.0 | 16.0 | 26.0 | 36.0 |
| 12 | **16.0** | **26.0** | **36.0** | **16.0** | **26.0** | **36.0** |
| 14 | 14.0 | 24.0 | 34.0 | 15.5 | 25.5 | 35.5 |
| 16 | 13.0 | 22.5 | 32.5 | 15.0 | 25.0 | 35.0 |
| 18 | **12.0** | **21.5** | **31.0** | 14.5 | 24.5 | 34.5 |
| 20 | | | | 14.0 | 24.0 | 34.0 |
| 22 | | | | 13.5 | 23.0 | 33.0 |
| 25 | | | | **13.0** | **22.0** | **32.0** |

Stent was expanded in a single increment, stepped expansion will result in less shortening of the stent. Bold data are actual engineering data, remaining data is extrapolated.

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,827,732; 6,558,415; 6,533,808; 6,358,274; 6,254,631; 6,132,461; 6,132,460. Non-US Patent pending.

Product availability and/or specifications subject to change. Contact Covidien.





# Protégé™ GPS™ - Self-Expanding Nitinol Stent

The Protégé™ GPS™ stent system gives control for precise stent placement avoiding jumping of the stent through the EX.P.R.T.™ retention system.

## Protégé™ GPS™ 6 Fr/0.018" Catheter Length 135cm Self Expanding Nitinol Stent

Each system includes: One stent and delivery catheter system

| Product Catalogue Number | International Product Number | Stent Dimensions | | Recommended | | Recommended Guidewire (inch) | Crossing Profile (inch) |
|---|---|---|---|---|---|---|---|
| | | Diameter (mm) | Length (mm) | Lumen Size (mm) | Shealth Size (Fr) | | |
| 90-2465-020 | SER6-6-20-135 | 6 | 20 | 4.5-5.5 | 6 | 0.018 | 0.079 |
| 90-2465-024 | SER6-6-30-135 | 6 | 30 | 4.5-5.5 | 6 | 0.018 | 0.079 |
| 90-2465-026 | SER6-6-40-135 | 6 | 40 | 4.5-5.5 | 6 | 0.018 | 0.079 |
| 90-2465-028 | SER6-6-60-135 | 6 | 60 | 4.5-5.5 | 6 | 0.018 | 0.079 |
| 90-2465-032 | SER6-6-80-135 | 6 | 80 | 4.5-5.5 | 6 | 0.018 | 0.079 |
| 90-2465-021 | SER6-7-20-135 | 7 | 20 | 5.5-6.5 | 6 | 0.018 | 0.079 |
| 90-2465-025 | SER6-7-30-135 | 7 | 30 | 5.5-6.5 | 6 | 0.018 | 0.079 |
| 90-2465-029 | SER6-7-40-135 | 7 | 40 | 5.5-6.5 | 6 | 0.018 | 0.079 |
| 90-2465-033 | SER6-7-60-135 | 7 | 60 | 5.5-6.5 | 6 | 0.018 | 0.079 |
| 90-2465-037 | SER6-7-80-135 | 7 | 80 | 5.5-6.5 | 6 | 0.018 | 0.079 |
| 90-2465-022 | SER6-8-20-135 | 8 | 20 | 6.5-7.5 | 6 | 0.018 | 0.079 |
| 90-2465-026 | SER6-8-30-135 | 8 | 30 | 6.5-7.5 | 6 | 0.018 | 0.079 |
| 90-2465-030 | SER6-8-40-135 | 8 | 40 | 6.5-7.5 | 6 | 0.018 | 0.079 |
| 90-2465-034 | SER6-8-60-135 | 8 | 60 | 6.5-7.5 | 6 | 0.018 | 0.079 |
| 90-2465-038 | SER6-8-80-135 | 8 | 80 | 6.5-7.5 | 6 | 0.018 | 0.079 |
| 90-2465-023 | SER6-9-20-135 | 9 | 20 | 7.5-8.5 | 6 | 0.018 | 0.079 |
| 90-2465-027 | SER6-9-30-135 | 9 | 30 | 7.5-8.5 | 6 | 0.018 | 0.079 |
| 90-2465-031 | SER6-9-40-135 | 9 | 40 | 7.5-8.5 | 6 | 0.018 | 0.079 |
| 90-2465-035 | SER6-9-60-135 | 9 | 60 | 7.5-8.5 | 6 | 0.018 | 0.079 |
| 90-2465-039 | SER6-9-80-135 | 9 | 80 | 7.5-8.5 | 6 | 0.018 | 0.079 |
| 90-2465-045 | SER6-10-20-135 | 10 | 20 | 8.5-9.5 | 6 | 0.018 | 0.079 |
| 90-2465-046 | SER6-10-30-135 | 10 | 30 | 8.5-9.5 | 6 | 0.018 | 0.079 |
| 90-2465-047 | SER6-10-40-135 | 10 | 40 | 8.5-9.5 | 6 | 0.018 | 0.079 |
| 90-2465-048 | SER6-10-60-135 | 10 | 60 | 8.5-9.5 | 6 | 0.018 | 0.079 |
| 90-2465-049 | SER6-10-80-135 | 10 | 80 | 8.5-9.5 | 6 | 0.018 | 0.079 |

Specifications Nominal

INDICATIONS: The Protégé™ GPS™ stent is indicated for use in the iliac or subclavian arteries and in the palliative treatment of malignant neoplasms in the biliary tree. It is also indicated for treatment of stenoses of the common carotid artery (CCA), internal carotid artery (ICA) and carotid bifurcation.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,814,746; 6,749,627; 6,623,518; 6,623,491; 6,558,415; 6,358,274; 6,132,460; D458,679. Non-US patents pending.

Product availability and/or specifications subject to change. Contact Covidien.

# Protégé™ GPS™ - Self-Expanding Nitinol Stent

The Protégé™ GPS™ stent system gives control for precise stent placement avoiding jumping of the stent through the EX.P.R.T.™ retention system.

## Protégé™ GPS™ 6 Fr/0.035" Catheter Length 80cm Self Expanding Nitinol Stent

Each system includes: One stent and delivery catheter system

| Product Catalogue Number | Stent Dimensions | | Recommended | | Recommended Guidewire (inch) | Crossing Profile (inch) |
|---|---|---|---|---|---|---|
| | Diameter (mm) | Length (mm) | Lumen Size (mm) | Shealth Size (Fr) | | |
| SERP65-06-20-80 | 6 | 20 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| SERP65-06-30-80 | 6 | 30 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| SERP65-06-40-80 | 6 | 40 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| SERP65-06-60-80 | 6 | 60 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| SERP65-06-80-80 | 6 | 80 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| SERP65-07-20-80 | 7 | 20 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| SERP65-07-30-80 | 7 | 30 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| SERP65-07-40-80 | 7 | 40 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| SERP65-07-60-80 | 7 | 60 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| SERP65-07-80-80 | 7 | 80 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| SERP65-08-20-80 | 8 | 20 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| SERP65-08-30-80 | 8 | 30 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| SERP65-08-40-80 | 8 | 40 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| SERP65-08-60-80 | 8 | 60 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| SERP65-08-80-80 | 8 | 80 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| SERP65-09-20-80 | 9 | 20 | 7.5-8.5 | 6 | 0.035 | 0.079 |
| SERP65-09-30-80 | 9 | 30 | 7.5-8.5 | 6 | 0.035 | 0.079 |
| SERP65-09-40-80 | 9 | 40 | 7.5-8.5 | 6 | 0.035 | 0.079 |
| SERP65-09-60-80 | 9 | 60 | 7.5-8.5 | 6 | 0.035 | 0.079 |
| SERP65-09-80-80 | 9 | 80 | 7.5-8.5 | 6 | 0.035 | 0.079 |
| SERP65-10-20-80 | 10 | 20 | 8.5-9.5 | 6 | 0.035 | 0.079 |
| SERP65-10-30-80 | 10 | 30 | 8.5-9.5 | 6 | 0.035 | 0.079 |
| SERP65-10-40-80 | 10 | 40 | 8.5-9.5 | 6 | 0.035 | 0.079 |
| SERP65-10-60-80 | 10 | 60 | 8.5-9.5 | 6 | 0.035 | 0.079 |
| SERP65-10-80-80 | 10 | 80 | 8.5-9.5 | 6 | 0.035 | 0.079 |
| SERP65-12-20-80 | 12 | 20 | 9.5-11.0 | 6 | 0.035 | 0.079 |
| SERP65-12-30-80 | 12 | 30 | 9.5-11.0 | 6 | 0.035 | 0.079 |
| SERP65-12-40-80 | 12 | 40 | 9.5-11.0 | 6 | 0.035 | 0.079 |
| SERP65-12-60-80 | 12 | 60 | 9.5-11.0 | 6 | 0.035 | 0.079 |
| SERP65-12-80-80 | 12 | 80 | 9.5-11.0 | 6 | 0.035 | 0.079 |
| SERP65-14-20-80 | 14 | 20 | 11.5-13.0 | 6 | 0.035 | 0.079 |
| SERP65-14-30-80 | 14 | 30 | 11.5-13.0 | 6 | 0.035 | 0.079 |
| SERP65-14-40-80 | 14 | 40 | 11.5-13.0 | 6 | 0.035 | 0.079 |
| SERP65-14-60-80 | 14 | 60 | 11.5-13.0 | 6 | 0.035 | 0.079 |
| SERP65-14-80-80 | 14 | 80 | 11.5-13.0 | 6 | 0.035 | 0.079 |

INDICATIONS: The Protégé™ GPS™ stent is indicated for use in the iliac or subclavian arteries and malignant biliary use.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,814,746; 6,749,627; 6,623,518; 6,623,491; 6,558,415; 6,358,274; 6,132,460; D458,679. Non-US Patent pending.

Product availability and/or specifications subject to change. Contact Covidien.





# Protégé™ GPS™ - Self-Expanding Nitinol Stent

The Protégé™ GPS™ stent system gives control for precise stent placement avoiding jumping of the stent through the EX.P.R.T.™ retention system.

## Protégé™ GPS™ 6 Fr/0.035" Catheter Length 120cm Self Expanding Nitinol Stent

Each system includes: One stent and delivery catheter system

| Product Catalogue Number | Stent Dimensions | | Recommended | | Recommended Guidewire (inch) | Crossing Profile (inch) |
|---|---|---|---|---|---|---|
| | Diameter (mm) | Length (mm) | Lumen Size (mm) | Shealth Size (Fr) | | |
| SERP65-06-20-120 | 6 | 20 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| SERP65-06-30-120 | 6 | 30 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| SERP65-06-40-120 | 6 | 40 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| SERP65-06-60-120 | 6 | 60 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| SERP65-06-80-120 | 6 | 80 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| SERP65-07-20-120 | 7 | 20 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| SERP65-07-30-120 | 7 | 30 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| SERP65-07-40-120 | 7 | 40 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| SERP65-07-60-120 | 7 | 60 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| SERP65-07-80-120 | 7 | 80 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| SERP65-08-20-120 | 8 | 20 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| SERP65-08-30-120 | 8 | 30 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| SERP65-08-40-120 | 8 | 40 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| SERP65-08-60-120 | 8 | 60 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| SERP65-08-80-120 | 8 | 80 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| SERP65-09-20-120 | 9 | 20 | 7.5-8.5 | 6 | 0.035 | 0.079 |
| SERP65-09-30-120 | 9 | 30 | 7.5-8.5 | 6 | 0.035 | 0.079 |
| SERP65-09-40-120 | 9 | 40 | 7.5-8.5 | 6 | 0.035 | 0.079 |
| SERP65-09-60-120 | 9 | 60 | 7.5-8.5 | 6 | 0.035 | 0.079 |
| SERP65-09-80-120 | 9 | 80 | 7.5-8.5 | 6 | 0.035 | 0.079 |
| SERP65-10-20-120 | 10 | 20 | 8.5-9.5 | 6 | 0.035 | 0.079 |
| SERP65-10-30-120 | 10 | 30 | 8.5-9.5 | 6 | 0.035 | 0.079 |
| SERP65-10-40-120 | 10 | 40 | 8.5-9.5 | 6 | 0.035 | 0.079 |
| SERP65-10-60-120 | 10 | 60 | 8.5-9.5 | 6 | 0.035 | 0.079 |
| SERP65-10-80-120 | 10 | 80 | 8.5-9.5 | 6 | 0.035 | 0.079 |
| SERP65-12-20-120 | 12 | 20 | 9.5-11.0 | 6 | 0.035 | 0.079 |
| SERP65-12-30-120 | 12 | 30 | 9.5-11.0 | 6 | 0.035 | 0.079 |
| SERP65-12-40-120 | 12 | 40 | 9.5-11.0 | 6 | 0.035 | 0.079 |
| SERP65-12-60-120 | 12 | 60 | 9.5-11.0 | 6 | 0.035 | 0.079 |
| SERP65-12-80-120 | 12 | 80 | 9.5-11.0 | 6 | 0.035 | 0.079 |
| SERP65-14-20-120 | 14 | 20 | 11.5-13.0 | 6 | 0.035 | 0.079 |
| SERP65-14-30-120 | 14 | 30 | 11.5-13.0 | 6 | 0.035 | 0.079 |
| SERP65-14-40-120 | 14 | 40 | 11.5-13.0 | 6 | 0.035 | 0.079 |
| SERP65-14-60-120 | 14 | 60 | 11.5-13.0 | 6 | 0.035 | 0.079 |
| SERP65-14-80-120 | 14 | 80 | 11.5-13.0 | 6 | 0.035 | 0.079 |

Specifications Nominal

INDICATIONS: The Protégé™ GPS™ stent is indicated for use in the iliac or subclavian arteries and malignant biliary use.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,814,746; 6,749,627; 6,623,518; 6,623,491; 6,558,415; 6,358,274; 6,132,460; D458,679. Non-US patents pending.

Product availability and/or specifications subject to change. Contact Covidien.

# Protégé™ GPS™ - Self-Expanding Nitinol Stent

The Protégé™ GPS™ stent system gives control for precise stent placement avoiding jumping of the stent through the EX.P.R.T.™ retention system.

## Protégé™ GPS™ 6 Fr/0.035" Long

Each system includes: One stent and delivery catheter system

| International Product Number | Stent Dimensions | | Recommended | | | Recommended Guidewire (inch) | Crossing Profile (inch) |
|---|---|---|---|---|---|---|---|
| | Diameter (mm) | Length (mm) | Lumen Size (mm) | Catheter Size (cm) | Shealth Size (Fr) | | |
| SERP65-06-100-120 | 100 | 6 | 4.5-5.5 | 120 | 6 | 0.035 | 0.079 |
| SERP65-07-100-120 | 100 | 7 | 5.5-6.5 | 120 | 6 | 0.035 | 0.079 |
| SERP65-08-100-120 | 100 | 8 | 6.5-7.5 | 120 | 6 | 0.035 | 0.079 |
| SERP65-06-120-120 | 120 | 6 | 4.5-5.5 | 120 | 6 | 0.035 | 0.079 |
| SERP65-07-120-120 | 120 | 7 | 5.5-6.5 | 120 | 6 | 0.035 | 0.079 |
| SERP65-08-120-120 | 120 | 8 | 6.5-7.5 | 120 | 6 | 0.035 | 0.079 |
| SERP65-06-150-120 | 150 | 6 | 4.5-5.5 | 120 | 6 | 0.035 | 0.079 |
| SERP65-07-150-120 | 150 | 7 | 5.5-6.5 | 120 | 6 | 0.035 | 0.079 |
| SERP65-08-150-120 | 150 | 8 | 6.5-7.5 | 120 | 6 | 0.035 | 0.079 |

INDICATIONS: The Protégé™ GPS™ stent is indicated for use in the iliac or subclavian arteries and malignant biliary use.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,814,746; 6,749,627; 6,623,518; 6,623,491; 6,558,415; 6,358,274; 6,132,460; D458,679. Non-US Patent issued and pending.

Product availability and/or specifications subject to change. Contact Covidien.





# Protégé™ EverFlex™ - Self-Expanding Nitinol Stent

The Protege™ EverFlex™ Self-Expanding Peripheral Stent System is a self-expanding nitinol stent system.
Spiral cell interconnecting design significantly improves flexibility and vessel conformability, without sacrificing radial strength.
3-wave peak design resists compression while providing excellent wall apposition.

## Protégé™ EverFlex™ Self Expanding Nitinol Stent

Each system includes: One stent and delivery catheter system

| Product Catalogue Number Catheter Length 80cm | Product Catalogue Number Catheter Length 120cm | Stent Dimensions | | Recommended | | Recommended Guidewire (inch) | Crossing Profile (inch) |
|---|---|---|---|---|---|---|---|
| | | Diameter (mm) | Length (mm) | Lumen Size (mm) | Shealth Size (Fr) | | |
| PRP35-05-020-080 | PRP35-05-020-120 | 5 | 20 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| PRP35-05-030-080 | PRP35-05-030-120 | 5 | 30 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| PRP35-05-040-080 | PRP35-05-040-120 | 5 | 40 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| PRP35-05-060-080 | PRP35-05-060-120 | 5 | 60 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| PRP35-05-080-080 | PRP35-05-080-120 | 5 | 80 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| PRP35-05-100-080 | PRP35-05-100-120 | 5 | 100 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| PRP35-05-120-080 | PRP35-05-120-120 | 5 | 120 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| PRP35-05-150-080 | PRP35-05-150-120 | 5 | 150 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| PRP35-06-020-080 | PRP35-06-020-120 | 6 | 20 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| PRP35-06-030-080 | PRP35-06-030-120 | 6 | 30 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| PRP35-06-040-080 | PRP35-06-040-120 | 6 | 40 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| PRP35-06-060-080 | PRP35-06-060-120 | 6 | 60 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| PRP35-06-080-080 | PRP35-06-080-120 | 6 | 80 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| PRP35-06-100-080 | PRP35-06-100-120 | 6 | 100 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| PRP35-06-120-080 | PRP35-06-120-120 | 6 | 120 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| PRP35-06-150-080 | PRP35-06-150-120 | 6 | 150 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| - | PRP-35DR-06-200-120 | 6 | 200 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| PRP35-07-020-080 | PRP35-07-020-120 | 7 | 20 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| PRP35-07-030-080 | PRP35-07-030-120 | 7 | 30 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| PRP35-07-040-080 | PRP35-07-040-120 | 7 | 40 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| PRP35-07-060-080 | PRP35-07-060-120 | 7 | 60 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| PRP35-07-080-080 | PRP35-07-080-120 | 7 | 80 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| PRP35-07-100-080 | PRP35-07-100-120 | 7 | 100 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| PRP35-07-120-080 | PRP35-07-120-120 | 7 | 120 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| PRP35-07-150-080 | PRP35-07-150-120 | 7 | 150 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| - | PRP-35DR-07-200-120 | 7 | 200 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| PRP35-08-020-080 | PRP35-08-020-120 | 8 | 20 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| PRP35-08-030-080 | PRP35-08-030-120 | 8 | 30 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| PRP35-08-040-080 | PRP35-08-040-120 | 8 | 40 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| PRP35-08-060-080 | PRP35-08-060-120 | 8 | 60 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| PRP35-08-080-080 | PRP35-08-080-120 | 8 | 80 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| PRP35-08-100-080 | PRP35-08-100-120 | 8 | 100 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| PRP35-08-120-080 | PRP35-08-120-120 | 8 | 120 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| PRP35-08-150-080 | PRP35-08-150-120 | 8 | 150 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| - | PRP-35DR-08-200-120 | 8 | 200 | 6.5-7.5 | 6 | 0.035 | 0.079 |

INDICATIONS: The Protégé™ EverFlex™ self-expanding peripheral stent system is indicated for use in common iliac, external iliac, superficial femoral, proximal popliteal, and subclavian arteries.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,814,746; 6,749,627; 6,623,518; 6,623,491; 6,558,415; 6,358,274; D458,679. Non-US patents issued and pending.

Product availability and/or specifications subject to change. Contact Covidien.

# EverFlex+™ Self-Expanding Nitinol Stent

The Protege™ EverFlex™ Self-Expanding Peripheral Stent System is a self-expanding nitinol stent system.
Spiral cell interconnecting design significantly improves flexibility and vessel conformability, without sacrificing radial strength.
3-wave peak design resists compression while providing excellent wall apposition.

## Protégé™ EverFlex+™ Self-Expanding Nitinol Stent

Each system includes: One stent and delivery catheter system

| Product Catalogue Number Catheter Length 80cm | Product Catalogue Number Catheter Length 120cm | Stent Dimensions | | Recommended | | Recommended Guidewire (inch) | Crossing Profile (inch) |
|---|---|---|---|---|---|---|---|
| | | Diameter (mm) | Length (mm) | Lumen Size (mm) | Sheath Size (Fr) | | |
| EFV35-05020080 | EFV35-05020120 | 5 | 20 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| EFV35-05030080 | EFV35-05030120 | 5 | 30 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| EFV35-05040080 | EFV35-05040120 | 5 | 40 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| EFV35-05060080 | EFV35-05060120 | 5 | 60 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| EFV35-05080080 | EFV35-05080120 | 5 | 80 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| EFV35-05100080 | EFV35-05100120 | 5 | 100 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| EFV35-05120080 | EFV35-05120120 | 5 | 120 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| EFV35-05150080 | EFV35-05150120 | 5 | 150 | 3.5-4.5 | 6 | 0.035 | 0.079 |
| EFV35-06020080 | EFV35-06020120 | 6 | 20 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| EFV35-06030080 | EFV35-06030120 | 6 | 30 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| EFV35-06040080 | EFV35-06040120 | 6 | 40 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| EFV35-06060080 | EFV35-06060120 | 6 | 60 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| EFV35-06080080 | EFV35-06080120 | 6 | 80 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| EFV35-06100080 | EFV35-06100120 | 6 | 100 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| EFV35-06120080 | EFV35-06120120 | 6 | 120 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| EFV35-06150080 | EFV35-06150120 | 6 | 150 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| - | EFV35-06200120 | 6 | 200 | 4.5-5.5 | 6 | 0.035 | 0.079 |
| EFV35-07020080 | EFV35-07020120 | 7 | 20 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| EFV35-07030080 | EFV35-07030120 | 7 | 30 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| EFV35-07040080 | EFV35-07040120 | 7 | 40 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| EFV35-07060080 | EFV35-07060120 | 7 | 60 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| EFV35-07080080 | EFV35-07080120 | 7 | 80 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| EFV35-07100080 | EFV35-07100120 | 7 | 100 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| EFV35-07120080 | EFV35-07120120 | 7 | 120 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| EFV35-07150080 | EFV35-07150120 | 7 | 150 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| - | EFV35-07200120 | 7 | 200 | 5.5-6.5 | 6 | 0.035 | 0.079 |
| EFV35-08020080 | EFV35-08020120 | 8 | 20 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| EFV35-08030080 | EFV35-08030120 | 8 | 30 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| EFV35-08040080 | EFV35-08040120 | 8 | 40 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| EFV35-08060080 | EFV35-08060120 | 8 | 60 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| EFV35-08080080 | EFV35-08080120 | 8 | 80 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| EFV35-08100080 | EFV35-08100120 | 8 | 100 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| EFV35-08120080 | EFV35-08120120 | 8 | 120 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| EFV35-08150080 | EFV35-08150120 | 8 | 150 | 6.5-7.5 | 6 | 0.035 | 0.079 |
| - | EFV35-08200120 | 8 | 200 | 6.5-7.5 | 6 | 0.035 | 0.079 |

INDICATIONS: The stent is indicated for use in occlusions, lesions at high risk for abrupt closure or threatened closure following percutaneous transluminal angioplasty (PTA); or lesions believed to be at high risk for restenosis following PTA in the common iliac, external iliac, superficial femoral, proximal popliteal or subclavian arteries.

Only available in CE regulated countries or international countries with regulatory approval

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,814,746; 6,749,627; 6,623,518; 6,623,491; 6,558,415; 6,358,274; D458,679. Non-US Patent issued and pending.

Product availability and/or specifications subject to change. Contact Covidien.





# EverFlex™ Self-Expanding Peripheral Stent with Entrust™ Delivery System

The Entrust™ delivery system is an ergonomically designed one-handed stent delivery system with a low 5 F profile.

## EverFlex™ Self-Expanding Peripheral Stent with Entrust™ Delivery System

Each system includes: One stent and delivery catheter system

| Product Catalogue Number Catheter Length 80cm | Product Catalogue Number Catheter Length 120cm | Product Catalogue Number Catheter Length 150cm | Stent Dimensions (Unconstrained) | | Size Compatibility | | Guidewire Acceptance (inch) |
|---|---|---|---|---|---|---|---|
| | | | Diameter (mm) | Length (mm) | Vessel Size (mm) | Sheath/Guide (Fr) | |
| EVX35-05-020-080 | EVX35-05-020-120 | EVX35-05-020-150 | 5 | 20 | 3.5-4.5 | 5 | 0.035 |
| EVX35-05-040-080 | EVX35-05-040-120 | EVX35-05-040-150 | 5 | 40 | 3.5-4.5 | 5 | 0.035 |
| EVX35-05-060-080 | EVX35-05-060-120 | EVX35-05-060-150 | 5 | 60 | 3.5-4.5 | 5 | 0.035 |
| EVX35-05-080-080 | EVX35-05-080-120 | EVX35-05-080-150 | 5 | 80 | 3.5-4.5 | 5 | 0.035 |
| EVX35-05-100-080 | EVX35-05-100-120 | EVX35-05-100-150 | 5 | 100 | 3.5-4.5 | 5 | 0.035 |
| EVX35-05-120-080 | EVX35-05-120-120 | EVX35-05-120-150 | 5 | 120 | 3.5-4.5 | 5 | 0.035 |
| EVX35-05-150-080 | EVX35-05-150-120 | EVX35-05-150-150 | 5 | 150 | 3.5-4.5 | 5 | 0.035 |
| EVX35-06-020-080 | EVX35-06-020-120 | EVX35-06-020-150 | 6 | 20 | 4.5-5.5 | 5 | 0.035 |
| EVX35-06-040-080 | EVX35-06-040-120 | EVX35-06-040-150 | 6 | 40 | 4.5-5.5 | 5 | 0.035 |
| EVX35-06-060-080 | EVX35-06-060-120 | EVX35-06-060-150 | 6 | 60 | 4.5-5.5 | 5 | 0.035 |
| EVX35-06-080-080 | EVX35-06-080-120 | EVX35-06-080-150 | 6 | 80 | 4.5-5.5 | 5 | 0.035 |
| EVX35-06-100-080 | EVX35-06-100-120 | EVX35-06-100-150 | 6 | 100 | 4.5-5.5 | 5 | 0.035 |
| EVX35-06-120-080 | EVX35-06-120-120 | EVX35-06-120-150 | 6 | 120 | 4.5-5.5 | 5 | 0.035 |
| EVX35-06-150-080 | EVX35-06-150-120 | EVX35-06-150-150 | 6 | 150 | 4.5-5.5 | 5 | 0.035 |
| N/A | EVX35-06-200-120 | EVX35-06-200-150 | 6 | 200 | 4.5-5.5 | 5 | 0.035 |
| EVX35-07-020-080 | EVX35-07-020-120 | EVX35-07-020-150 | 7 | 20 | 5.5-6.5 | 5 | 0.035 |
| EVX35-07-040-080 | EVX35-07-040-120 | EVX35-07-040-150 | 7 | 40 | 5.5-6.5 | 5 | 0.035 |
| EVX35-07-060-080 | EVX35-07-060-120 | EVX35-07-060-150 | 7 | 60 | 5.5-6.5 | 5 | 0.035 |
| EVX35-07-080-080 | EVX35-07-080-120 | EVX35-07-080-150 | 7 | 80 | 5.5-6.5 | 5 | 0.035 |
| EVX35-07-100-080 | EVX35-07-100-120 | EVX35-07-100-150 | 7 | 100 | 5.5-6.5 | 5 | 0.035 |
| EVX35-07-120-080 | EVX35-07-120-120 | EVX35-07-120-150 | 7 | 120 | 5.5-6.5 | 5 | 0.035 |
| EVX35-07-150-080 | EVX35-07-150-120 | EVX35-07-150-150 | 7 | 150 | 5.5-6.5 | 5 | 0.035 |
| N/A | EVX35-07-200-120 | EVX35-07-200-150 | 7 | 200 | 5.5-6.5 | 5 | 0.035 |
| EVX35-08-020-080 | EVX35-08-020-120 | EVX35-08-020-150 | 8 | 20 | 6.5-7.5 | 5 | 0.035 |
| EVX35-08-040-080 | EVX35-08-040-120 | EVX35-08-040-150 | 8 | 40 | 6.5-7.5 | 5 | 0.035 |
| EVX35-08-060-080 | EVX35-08-060-120 | EVX35-08-060-150 | 8 | 60 | 6.5-7.5 | 5 | 0.035 |
| EVX35-08-080-080 | EVX35-08-080-120 | EVX35-08-080-150 | 8 | 80 | 6.5-7.5 | 5 | 0.035 |
| EVX35-08-100-080 | EVX35-08-100-120 | EVX35-08-100-150 | 8 | 100 | 6.5-7.5 | 5 | 0.035 |
| EVX35-08-120-080 | EVX35-08-120-120 | EVX35-08-120-150 | 8 | 120 | 6.5-7.5 | 5 | 0.035 |
| EVX35-08-150-080 | EVX35-08-150-120 | EVX35-08-150-150 | 8 | 150 | 6.5-7.5 | 5 | 0.035 |
| N/A | EVX35-08-200-120 | EVX35-08-200-150 | 8 | 200 | 6.5-7.5 | 5 | 0.035 |

INDICATIONS: The stent is indicated for use in occlusions, lesions at high risk for abrupt closure or threatened closure following percutaneous transluminal angioplasty (PTA); or lesions believed to be at high risk for restenosis following PTA in the common iliac, external iliac, superficial femoral, proximal popliteal or subclavian arteries. Stenting is intended to improve and maintain artery luminal diameter.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,814,746; 6,749,627; 6,623,518; 6,623,491; 6,558,415; 6,358,274; D458,679. Non-US patents issued and pending.

Product availability and/or specifications subject to change. Contact Covidien.

# Protégé™ RX™ Self-Expanding Nitinol Stent

The Protege™ RX™ stent is the next generation stent designed for the anatomy of the carotid artery. Protege™ RX™ provides control and accurate placement for carotid interventions.

## Protégé™ RX™ 6 Fr/0.014" Catheter Length 135cm Self Expanding Nitinol Stent

Each system includes: One stent and delivery catheter system

| Product Catalogue Number Catheter Length 120cm | Stent Dimensions | | Recommended Sheath Size (Fr) | Recommended Guidewire (inch) | Crossing Profile (inch) |
|---|---|---|---|---|---|
| | Diameter (mm) | Length (mm) | | | |
| TAPERED | | | | | |
| SEPX-8-6-30-135 | 8x6 | 30 | 6 | 0.014 | 0.078 |
| SEPX-8-6-40-135 | 8x6 | 40 | 6 | 0.014 | 0.078 |
| SEPX-10-7-30-135 | 10x7 | 30 | 6 | 0.014 | 0.078 |
| SEPX-10-7-40-135 | 10x7 | 40 | 6 | 0.014 | 0.078 |
| STRAIGHT | | | | | |
| SEPX-6-20-135 | 6 | 20 | 6 | 0.014 | 0.078 |
| SEPX-7-20-135 | 7 | 20 | 6 | 0.014 | 0.078 |
| SEPX-8-20-135 | 8 | 20 | 6 | 0.014 | 0.078 |
| SEPX-9-20-135 | 9 | 20 | 6 | 0.014 | 0.078 |
| SEPX-10-20-135 | 10 | 20 | 6 | 0.014 | 0.078 |
| SEPX-6-30-135 | 6 | 30 | 6 | 0.014 | 0.078 |
| SEPX-7-30-135 | 7 | 30 | 6 | 0.014 | 0.078 |
| SEPX-8-30-135 | 8 | 30 | 6 | 0.014 | 0.078 |
| SEPX-9-30-135 | 9 | 30 | 6 | 0.014 | 0.078 |
| SEPX-10-30-135 | 10 | 30 | 6 | 0.014 | 0.078 |
| SEPX-6-40-135 | 6 | 40 | 6 | 0.014 | 0.078 |
| SEPX-7-40-135 | 7 | 40 | 6 | 0.014 | 0.078 |
| SEPX-8-40-135 | 8 | 40 | 6 | 0.014 | 0.078 |
| SEPX-9-40-135 | 9 | 40 | 6 | 0.014 | 0.078 |
| SEPX-10-40-135 | 10 | 40 | 6 | 0.014 | 0.078 |
| SEPX-6-60-135 | 6 | 60 | 6 | 0.014 | 0.078 |
| SEPX-7-60-135 | 7 | 60 | 6 | 0.014 | 0.078 |
| SEPX-8-60-135 | 8 | 60 | 6 | 0.014 | 0.078 |
| SEPX-9-60-135 | 9 | 60 | 6 | 0.014 | 0.078 |
| SEPX-10-60-135 | 10 | 60 | 6 | 0.014 | 0.078 |

INDICATIONS: The Protégé™ RX™ is indicated for use in the iliac or subclavian arteries in the palliative treatment of malignant neoplasms in the biliary tree. It is also indicated for treatment of stenoses of the common carotid artery (CCA), internal carotid artery (ICA) and carotid bifurcation.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 6,814,746; 6,749,627; 6,623,518; 6,623,491; 6,558,415; 6,358,274; 6,132,460; D458,679. Non-US patents issued and pending.

Product availability and/or specifications subject to change. Contact Covidien.



# PTA Balloon Catheters

# EverCross™ .035 PTA Balloon

EverCross™ .035 PTA Balloon is an over-the-wire, 0.035" balloon catheter that features a bevel 360° tip for smooth tip to wire tracking. EverCross™ nylon folds, extending the length of the balloon, were engineered for superior rewrap, facilitating multiple inflations and insertions.

## EverCross™ .035" over-the-wire PTA dilatation catheter

Each system includes: One PTA balloon catheter and one compliance chart.

| Usable Shaft Length (cm) | | | Balloon Size | | Nominal Pressure (atm) | Rated Burst Pressure (atm) | Recommended Introducer Sheath (Fr) |
|---|---|---|---|---|---|---|---|
| Product Catalogue Number - 135cm 1/box | Product Catalogue Number - 80cm 1/box | Product Catalogue Number - 40cm 1/box | Diameter (mm) | Length (mm) | | | |
| AB35W03020135 | AB35W03020080 | - | 3.0 | 20 | 10 | 20 | 5 |
| AB35W03030135 | AB35W03030080 | - | 3.0 | 30 | 10 | 20 | 5 |
| AB35W03040135 | AB35W03040080 | - | 3.0 | 40 | 10 | 20 | 5 |
| AB35W03060135 | AB35W03060080 | - | 3.0 | 60 | 10 | 20 | 5 |
| AB35W03080135 | AB35W03080080 | - | 3.0 | 80 | 10 | 20 | 5 |
| AB35W03100135 | AB35W03100080 | - | 3.0 | 100 | 10 | 20 | 5 |
| AB35W03120135 | AB35W03120080 | - | 3.0 | 120 | 10 | 20 | 5 |
| AB35W03150135 | AB35W03150080 | - | 3.0 | 150 | 10 | 20 | 5 |
| AB35W03200135 | AB35W03200080 | - | 3.0 | 200 | 10 | 20 | 5 |
| AB35W04020135 | AB35W04020080 | - | 4.0 | 20 | 10 | 20 | 5 |
| AB35W04030135 | AB35W04030080 | - | 4.0 | 30 | 10 | 20 | 5 |
| AB35W04040135 | AB35W04040080 | - | 4.0 | 40 | 10 | 20 | 5 |
| AB35W04060135 | AB35W04060080 | - | 4.0 | 60 | 10 | 20 | 5 |
| AB35W04080135 | AB35W04080080 | - | 4.0 | 80 | 10 | 20 | 5 |
| AB35W04100135 | AB35W04100080 | - | 4.0 | 100 | 10 | 20 | 5 |
| AB35W04120135 | AB35W04120080 | - | 4.0 | 120 | 10 | 20 | 5 |
| AB35W04150135 | AB35W04150080 | - | 4.0 | 150 | 10 | 20 | 5 |
| AB35W04200135 | AB35W04200080 | - | 4.0 | 200 | 10 | 20 | 5 |
| AB35W05020135 | AB35W05020080 | AB35W05020040 | 5.0 | 20 | 10 | 18 | 5 |
| AB35W05030135 | AB35W05030080 | AB35W05030040 | 5.0 | 30 | 10 | 18 | 5 |
| AB35W05040135 | AB35W05040080 | AB35W05040040 | 5.0 | 40 | 10 | 18 | 5 |
| AB35W05060135 | AB35W05060080 | AB35W05060040 | 5.0 | 60 | 10 | 18 | 5 |
| AB35W05080135 | AB35W05080080 | AB35W05080040 | 5.0 | 80 | 10 | 18 | 5 |
| AB35W05100135 | AB35W05100080 | - | 5.0 | 100 | 10 | 18 | 5 |
| AB35W05120135 | AB35W05120080 | AB35W05120040 | 5.0 | 120 | 10 | 16 | 5 |
| AB35W05150135 | AB35W05150080 | - | 5.0 | 150 | 10 | 16 | 5 |
| AB35W05200135 | AB35W05200080 | - | 5.0 | 200 | 10 | 16 | 5 |
| AB35W06020135 | AB35W06020080 | AB35W06020040 | 6.0 | 20 | 8 | 14 | 5 |
| AB35W06030135 | AB35W06030080 | - | 6.0 | 30 | 8 | 14 | 5 |

INDICATIONS: The EverCross™ .035" over-the-wire PTA dilatation catheter is intended to dilate stenoses in the iliac, femoral, ilio-femoral, popliteal, infra-popliteal, renal arteries and for the treatment of obstructive lesions of native or synthetic arteriovenous dialysis fistulae. This device is also indicated for stent post-dilatation in the peripheral vasculature.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.



PTA Balloon Catheters

# EverCross™ .035 PTA Balloon

EverCross™ .035 PTA Balloon is an over-the-wire, 0.035" balloon catheter that features a bevel 360° tip for smooth tip to wire tracking. EverCross™ nylon folds, extending the length of the balloon, were engineered for superior rewrap, facilitating multiple inflations and insertions.

## EverCross™ .035" over-the-wire PTA dilatation catheter

Each system includes: One PTA balloon catheter and one compliance chart.

| Usable Shaft Length (cm) | | | Balloon Size | | Nominal Pressure (atm) | Rated Burst Pressure (atm) | Recommended Introducer Sheath (Fr) |
|---|---|---|---|---|---|---|---|
| Product Catalogue Number - 135cm 1/box | Product Catalogue Number - 80cm 1/box | Product Catalogue Number - 40cm 1/box | Diameter (mm) | Length (mm) | | | |
| AB35W06040135 | AB35W06040080 | AB35W06040040 | 6.0 | 40 | 8 | 14 | 5 |
| AB35W06060135 | AB35W06060080 | - | 6.0 | 60 | 8 | 14 | 5 |
| AB35W06080135 | AB35W06080080 | AB35W06080040 | 6.0 | 80 | 8 | 14 | 5 |
| AB35W06100135 | AB35W06100080 | - | 6.0 | 100 | 8 | 14 | 5 |
| AB35W06120135 | AB35W06120080 | AB35W06120040 | 6.0 | 120 | 8 | 12 | 5 |
| AB35W06150135 | AB35W06150080 | - | 6.0 | 150 | 8 | 12 | 5 |
| AB35W06200135 | AB35W06200080 | - | 6.0 | 200 | 8 | 11 | 6 |
| AB35W07020135 | AB35W07020080 | AB35W07020040 | 7.0 | 20 | 7 | 14 | 5 |
| AB35W07030135 | AB35W07030080 | - | 7.0 | 30 | 7 | 14 | 5 |
| AB35W07040135 | AB35W07040080 | AB35W07040040 | 7.0 | 40 | 7 | 14 | 5 |
| AB35W07060135 | AB35W07060080 | AB35W07060040 | 7.0 | 60 | 7 | 14 | 6 |
| AB35W07080135 | AB35W07080080 | - | 7.0 | 80 | 7 | 14 | 6 |
| AB35W07100135 | AB35W07100080 | - | 7.0 | 100 | 7 | 14 | 6 |
| AB35W07120135 | AB35W07120080 | - | 7.0 | 120 | 7 | 10 | 6 |
| AB35W07150135 | AB35W07150080 | - | 7.0 | 150 | 7 | 10 | 6 |
| AB35W07200135 | AB35W07200080 | - | 7.0 | 200 | 7 | 10 | 6 |
| AB35W08020135 | AB35W08020080 | AB35W08020040 | 8.0 | 20 | 7 | 14 | 6 |
| AB35W08030135 | AB35W08030080 | - | 8.0 | 30 | 7 | 14 | 6 |
| AB35W08040135 | AB35W08040080 | AB35W08040040 | 8.0 | 40 | 7 | 14 | 6 |
| AB35W08060135 | AB35W08060080 | AB35W08060040 | 8.0 | 60 | 7 | 14 | 6 |
| AB35W08080135 | AB35W08080080 | - | 8.0 | 80 | 7 | 14 | 6 |
| AB35W09020135 | AB35W09020080 | - | 9.0 | 20 | 7 | 12 | 6 |
| AB35W09030135 | AB35W09030080 | - | 9.0 | 30 | 7 | 12 | 6 |
| AB35W09040135 | AB35W09040080 | - | 9.0 | 40 | 7 | 12 | 6 |
| AB35W09060135 | AB35W09060080 | - | 9.0 | 60 | 7 | 12 | 6 |
| AB35W09080135 | AB35W09080080 | - | 9.0 | 80 | 7 | 12 | 6 |
| AB35W10020135 | AB35W10020080 | - | 10.0 | 20 | 7 | 11 | 6 |
| AB35W10030135 | AB35W10030080 | - | 10.0 | 30 | 7 | 11 | 6 |
| AB35W10040135 | AB35W10040080 | - | 10.0 | 40 | 7 | 11 | 6 |
| AB35W10060135 | AB35W10060080 | - | 10.0 | 60 | 7 | 11 | 7 |
| AB35W12020135 | AB35W12020080 | - | 12.0 | 20 | 7 | 10 | 7 |
| AB35W12040135 | AB35W12040080 | - | 12.0 | 40 | 7 | 10 | 7 |
| AB35W12060135 | AB35W12060080 | - | 12.0 | 60 | 7 | 10 | 7 |

INDICATIONS: The EverCross™ .035" over-the-wire PTA dilatation catheter is intended to dilate stenoses in the iliac, femoral, ilio-femoral, popliteal, infra-popliteal, renal arteries and for the treatment of obstructive lesions of native or synthetic arteriovenous dialysis fistulae. This device is also indicated for stent post-dilatation in the peripheral vasculature.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# NanoCross™ .014 PTA Balloon

NanoCross™, the next generation 0.014" PTA balloon, with its 360° beveled tip provides smooth transition from wire to tip. The SlimTec™ balloon folding process is designed to provide the lowest .014 crossing profile.

## NanoCross™ .014" over-the-wire PTA dilatation catheter

Each system includes: One PTA balloon catheter, one compliance chart and one balloon folding tool.

| Usable Shaft Length (cm) | | Balloon Size | | Length (mm) | Nominal Pressure (atm) | Rated Burst Pressure (atm) | Recommended Introducer Sheath (Fr) |
|---|---|---|---|---|---|---|---|
| Product Catalogue Number - 90cm 1/box | Product Catalogue Number - 150cm 1/box | Diameter prox. (mm) | Length dist (mm) | | | | |
| AB14W015020090 | AB14W015020150 | 1.5 | | 20 | 10 | 14 | 4 |
| AB14W020020090 | AB14W020020150 | 2 | | 20 | 10 | 14 | 4 |
| AB14W020040090 | AB14W020040150 | 2 | | 40 | 10 | 14 | 4 |
| AB14W020080090 | AB14W020080150 | 2 | | 80 | 10 | 14 | 4 |
| AB14W020120090 | AB14W020120150 | 2 | | 120 | 10 | 14 | 4 |
| AB14W020150090 | AB14W020150150 | 2 | | 150 | 10 | 14 | 4 |
| AB14W020210090 | AB14W020210150 | 2 | 1.5 | 210 | 10 | 14 | 4 |
| AB14W025020090 | AB14W025020150 | 2.5 | | 20 | 10 | 14 | 4 |
| AB14W025040090 | AB14W025040150 | 2.5 | | 40 | 10 | 14 | 4 |
| AB14W025080090 | AB14W025080150 | 2.5 | | 80 | 10 | 14 | 4 |
| AB14W025120090 | AB14W025120150 | 2.5 | | 120 | 10 | 14 | 4 |
| AB14W025150090 | AB14W025150150 | 2.5 | | 150 | 10 | 14 | 4 |
| AB14W025210090 | AB14W025210150 | 2.5 | 2 | 210 | 10 | 14 | 4 |
| AB14W030020090 | AB14W030020150 | 3 | | 20 | 10 | 14 | 4 |
| AB14W030040090 | AB14W030040150 | 3 | | 40 | 10 | 14 | 4 |
| AB14W030080090 | AB14W030080150 | 3 | | 80 | 10 | 14 | 4 |
| AB14W030120090 | AB14W030120150 | 3 | | 120 | 10 | 14 | 4 |
| AB14W030150090 | AB14W030150150 | 3 | | 150 | 10 | 14 | 4 |
| AB14W030210090 | AB14W030210150 | 3 | 2.5 | 210 | 10 | 14 | 4 |
| AB14W035020090 | AB14W035020150 | 3.5 | | 20 | 8 | 14 | 4 |
| AB14W035040090 | AB14W035040150 | 3.5 | | 40 | 8 | 14 | 4 |
| AB14W035080090 | AB14W035080150 | 3.5 | | 80 | 8 | 14 | 4 |
| AB14W035120090 | AB14W035120150 | 3.5 | | 120 | 8 | 14 | 4 |
| AB14W035150090 | AB14W035150150 | 3.5 | | 150 | 8 | 14 | 4 |
| AB14W035210090 | AB14W035210150 | 3.5 | 3 | 210 | 8 | 14 | 4 |
| AB14W040020090 | AB14W040020150 | 4 | | 20 | 7 | 14 | 4 |
| AB14W040040090 | AB14W040040150 | 4 | | 40 | 7 | 14 | 4 |
| AB14W040080090 | AB14W040080150 | 4 | | 80 | 7 | 14 | 4 |
| AB14W040120090 | AB14W040120150 | 4 | | 120 | 7 | 14 | 4 |
| AB14W040150090 | AB14W040150150 | 4 | | 150 | 7 | 14 | 4 |
| AB14W040210090 | AB14W040210150 | 4 | 3.5 | 210 | 8 | 14 | 4 |

INDICATIONS: The NanoCross™ .014" over-the-wire PTA dilatation catheter is intended to dilate stenoses in the iliac, femoral, ilio-femoral, popliteal, infra-popliteal, renal arteries and for the treatment of obstructive lesions of native or synthetic arteriovenous dialysis fistulae.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.





# PowerCross™ .018 Balloon Catheter

The PowerCross™ .018" Balloon Catheter is an over the wire (OTW) 0.018" coaxial catheter with a semi-compliant balloon and an atraumatic tapered tip. PowerCross™ was designed for refined pushability, low profile and quick deflation.

## PowerCross™ .018" over-the-wire PTA dilatation catheter

Each system includes: One PTA balloon catheter, one compliance chart and one balloon folding tool.

| Usable Shaft Length (cm) | | Balloon Size | | Nominal Pressure (atm) | Rated Burst Pressure (atm) | Recommended Introducer Sheath (Fr) |
|---|---|---|---|---|---|---|
| Product Catalogue Number - 135cm 1/box | Product Catalogue Number - 80cm 1/box | Diameter (mm) | Length (mm) | | | |
| AB18W020020150 | AB18W020020090 | 2 | 20 | 8 | 14 | 4 |
| AB18W020040150 | AB18W020040090 | 2 | 40 | 8 | 14 | 4 |
| AB18W020100150 | AB18W020100090 | 2 | 100 | 8 | 14 | 4 |
| AB18W020150150 | AB18W020150090 | 2 | 150 | 8 | 14 | 4 |
| AB18W020200150 | AB18W020200090 | 2 | 200 | 8 | 14 | 4 |
| AB18W025020150 | AB18W025020090 | 2.5 | 20 | 8 | 14 | 4 |
| AB18W025040150 | AB18W025040090 | 2.5 | 40 | 8 | 14 | 4 |
| AB18W025100150 | AB18W025100090 | 2.5 | 100 | 8 | 14 | 4 |
| AB18W025150150 | AB18W025150090 | 2.5 | 150 | 8 | 14 | 4 |
| AB18W025200150 | AB18W025200090 | 2.5 | 200 | 8 | 14 | 4 |
| AB18W030020150 | AB18W030020090 | 3 | 20 | 8 | 14 | 4 |
| AB18W030040150 | AB18W030040090 | 3 | 40 | 8 | 14 | 4 |
| AB18W030060150 | AB18W030060090 | 3 | 60 | 8 | 14 | 4 |
| AB18W030080150 | AB18W030080090 | 3 | 80 | 8 | 14 | 4 |
| AB18W030100150 | AB18W030100090 | 3 | 100 | 8 | 14 | 4 |
| AB18W030120150 | AB18W030120090 | 3 | 120 | 8 | 14 | 4 |
| AB18W030150150 | AB18W030150090 | 3 | 150 | 8 | 14 | 4 |
| AB18W030200150 | AB18W030200090 | 3 | 200 | 8 | 14 | 4 |
| AB18W040020150 | AB18W040020090 | 4 | 20 | 8 | 14 | 4 |
| AB18W040040150 | AB18W040040090 | 4 | 40 | 8 | 14 | 4 |
| AB18W040060150 | AB18W040060090 | 4 | 60 | 8 | 14 | 4 |
| AB18W040080150 | AB18W040080090 | 4 | 80 | 8 | 14 | 4 |
| AB18W040100150 | AB18W040100090 | 4 | 100 | 8 | 14 | 4 |
| AB18W040120150 | AB18W040120090 | 4 | 120 | 8 | 14 | 4 |
| AB18W040150150 | AB18W040150090 | 4 | 150 | 8 | 14 | 4 |
| AB18W040200150 | AB18W040200090 | 4 | 200 | 8 | 14 | 4 |
| AB18W050020150 | AB18W050020090 | 5 | 20 | 8 | 14 | 4 |
| AB18W050040150 | AB18W050040090 | 5 | 40 | 8 | 14 | 4 |
| AB18W050060150 | AB18W050060090 | 5 | 60 | 8 | 14 | 5 |
| AB18W050080150 | AB18W050080090 | 5 | 80 | 8 | 14 | 5 |
| AB18W050100150 | AB18W050100090 | 5 | 100 | 8 | 14 | 5 |
| AB18W050120150 | AB18W050120090 | 5 | 120 | 8 | 14 | 5 |
| AB18W050150150 | AB18W050150090 | 5 | 150 | 8 | 14 | 5 |
| AB18W050200150 | AB18W050200090 | 5 | 200 | 8 | 14 | 5 |
| AB18W060020150 | AB18W060020090 | 6 | 20 | 8 | 14 | 4 |
| AB18W060040150 | AB18W060040090 | 6 | 40 | 8 | 14 | 5 |
| AB18W060060150 | AB18W060060090 | 6 | 60 | 8 | 14 | 5 |
| AB18W060080150 | AB18W060080090 | 6 | 80 | 8 | 14 | 5 |
| AB18W060100150 | AB18W060100090 | 6 | 100 | 8 | 14 | 5 |
| AB18W060120150 | AB18W060120090 | 6 | 120 | 8 | 14 | 5 |
| AB18W060150150 | AB18W060150090 | 6 | 150 | 8 | 14 | 5 |
| AB18W060200150 | AB18W060200090 | 6 | 200 | 8 | 14 | 6 |

INDICATIONS: The PowerCross™ .018" over-the-wire PTA dilatation catheter is intended to dilate stenoses in the iliac, femoral, ilio-femoral, popliteal, infra-popliteal, renal arteries and for the treatment of obstructive lesions of native or synthetic arteriovenous dialysis fistulae. This device is also indicated for stent post-dilatation in the peripheral vasculature.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# RapidCross™ .014 PTA Balloon Catheter

RapidCross™ 0.14 PTA Balloon Catheter was developed exclusively for below the knee treatment. Every detail, from the 0.017" tip entry profile to the Rapid Exchange port construction was thoughtfully designed for exceptional performance.

## RapidCross™ .014" Rapid Exchange PTA Balloon Dilatation Catheter

Each system includes: One PTA balloon catheter, one compliance chart.

| Catheter Shaft Length | | Balloon Diameter (mm) | Balloon Length (mm) | Nominal Pressure (atm) | Rated Burst Pressure (atm) | Recommended Introducer Sheath (Fr) |
|---|---|---|---|---|---|---|
| Product Catalogue Number - 90cm | Product Catalogue Number - 170cm | | | | | |
| A14BX020020090 | A14BX020020170 | 2.0 | 20 | 8 | 14 | 4 |
| A14BX020040090 | A14BX020040170 | 2.0 | 40 | 8 | 14 | 4 |
| A14BX020060090 | A14BX020060170 | 2.0 | 60 | 8 | 14 | 4 |
| A14BX020080090 | A14BX020080170 | 2.0 | 80 | 8 | 14 | 4 |
| A14BX020100090 | A14BX020100170 | 2.0 | 100 | 8 | 14 | 4 |
| A14BX020120090 | A14BX020120170 | 2.0 | 120 | 8 | 14 | 4 |
| A14BX020150090 | A14BX020150170 | 2.0 | 150 | 8 | 14 | 4 |
| A14BX020210090 | A14BX020210170 | 2.0 (proximal) / 1.5 (distal) | 210 | 8 | 14 | 4 |
| A14BX025020090 | A14BX025020170 | 2.5 | 20 | 8 | 14 | 4 |
| A14BX025040090 | A14BX025040170 | 2.5 | 40 | 8 | 14 | 4 |
| A14BX025060090 | A14BX025060170 | 2.5 | 60 | 8 | 14 | 4 |
| A14BX025080090 | A14BX025080170 | 2.5 | 80 | 8 | 14 | 4 |
| A14BX025100090 | A14BX025100170 | 2.5 | 100 | 8 | 14 | 4 |
| A14BX025120090 | A14BX025120170 | 2.5 | 120 | 8 | 14 | 4 |
| A14BX025150090 | A14BX025150170 | 2.5 | 150 | 8 | 14 | 4 |
| A14BX025210090 | A14BX025210170 | 2.5 (proximal) / 2.0 (distal) | 210 | 8 | 14 | 4 |
| A14BX030020090 | A14BX030020170 | 3 | 20 | 8 | 14 | 4 |
| A14BX030040090 | A14BX030040170 | 3 | 40 | 8 | 14 | 4 |
| A14BX030060090 | A14BX030060170 | 3 | 60 | 8 | 14 | 4 |
| A14BX030080090 | A14BX030080170 | 3 | 80 | 8 | 14 | 4 |
| A14BX030100090 | A14BX030100170 | 3 | 100 | 8 | 14 | 4 |
| A14BX030120090 | A14BX030120170 | 3 | 120 | 8 | 14 | 4 |
| A14BX030150090 | A14BX030150170 | 3 | 150 | 8 | 14 | 4 |
| A14BX030210090 | A14BX030210170 | 3.0 (proximal) / 2.5 (distal) | 210 | 8 | 14 | 4 |
| A14BX035020090 | A14BX035020170 | 3.5 | 20 | 8 | 14 | 4 |
| A14BX035040090 | A14BX035040170 | 3.5 | 40 | 8 | 14 | 4 |
| A14BX035060090 | A14BX035060170 | 3.5 | 60 | 8 | 14 | 4 |
| A14BX035080090 | A14BX035080170 | 3.5 | 80 | 8 | 14 | 4 |
| A14BX035100090 | A14BX035100170 | 3.5 | 100 | 8 | 14 | 4 |
| A14BX035120090 | A14BX035120170 | 3.5 | 120 | 8 | 14 | 4 |
| A14BX035150090 | A14BX035150170 | 3.5 | 150 | 8 | 14 | 4 |
| A14BX035210090 | A14BX035210170 | 3.5 (proximal) / 3.0 (distal) | 210 | 8 | 14 | 4 |
| A14BX040020090 | A14BX040020170 | 4 | 20 | 8 | 14 | 4 |
| A14BX040040090 | A14BX040040170 | 4 | 40 | 8 | 14 | 4 |
| A14BX040060090 | A14BX040060170 | 4 | 60 | 8 | 14 | 4 |
| A14BX040080090 | A14BX040080170 | 4 | 80 | 8 | 14 | 4 |
| A14BX040100090 | A14BX040100170 | 4 | 100 | 8 | 14 | 4 |
| A14BX040120090 | A14BX040120170 | 4 | 120 | 8 | 14 | 4 |
| A14BX040150090 | A14BX040150170 | 4 | 150 | 8 | 14 | 4 |
| A14BX040210090 | A14BX040210170 | 4.0 (proximal) / 3.5 (distal) | 210 | 8 | 14 | 4 |

INDICATIONS: The RapidCross™ rapid exchange PTA balloon dilatation catheter is intended to dilate stenoses in the iliac, femoral, iliofemoral, popliteal, infrapopliteal and renal arteries, and for the treatment of obstructive lesions of native or synthetic anteriovenous dialysis fistulae.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.



# Procedural Support

# Viance™ Crossing Catheter

A precision instrument designed to quickly and safely deliver a guidewire via the true lumen, the Viance™ crossing catheter puts the control of crossing where it belongs: in your hands.
Providing an effective frontline option for CTOs, the Viance™ catheter enables you to utilise a proactive technique to cross total occlusions via the true lumen.

## Viance™ Crossing Catheter

| Product Catalogue Number | Description | Working Length (cm) | Guidewire Compatibility (in) | Crossing Profile (max in) | Sheath Compatibility |
|---|---|---|---|---|---|
| VNC-FX-150 | Flexible | 150 | 0.014 | 0.038 | 5 F |
| VNC-SD-150 | Standard | 150 | 0.014 | 0.038 | 5 F |

INDICATIONS: Viance™ crossing catheter is intended for use with a guidewire to access discrete regions of the peripheral vasculature.



# Enteer™ Re-entry System

The Enteer™ Re-entry system, consisting of the catheter and guidewire, gives you intuitive control to reliably target the true lumen from the subintimal channel above or below the knee. The system requires no capital equipment. It's designed to be nothing less than a precise extension of your own expert hand.

## Enteer™ Re-entry Catheters

| Product Catalogue Number | | Balloon Size (W x H x L mm) | Working Length (cm) | Guidewire Compatibility (in) | Crossing Profile (max in) | Sheath Compatibility |
|---|---|---|---|---|---|---|
| ENB-375-20-135 | ATK | 3.75 x 1.5 x 20 | 135 | ≤0.018 | 0.066 | 5 F |
| ENB-275-20-150 | BTK | 2.75 x 1.0 x 20 | 150 | ≤0.018 | 0.066 | 5 F |

INDICATIONS: Enteer™ Re-entry catheter is indicated for directing, steering, controlling, and supporting a guidewire in order to access discrete regions of the peripheral vasculature.

## Enteer™ Guidewire

| Product Catalogue Number | Description | Diameter (in) | Length (cm) | Tip Reach (mm) |
|---|---|---|---|---|
| ENW-FX-014-300 | Flexible | 0.014 | 300 | 1.5 |
| ENW-SD-014-300 | Standard | 0.014 | 300 | 1.5 |
| ENW-SF-014-300 | Stiff | 0.014 | 300 | 2.5 |

INDICATIONS: Enteer™ guidewires are intended to facilitate placement of balloon dilatation catheters or other intravascular devices during percutaneous transluminal angioplasty (PTA). Enteer™ guidewires are not to be used in cerebral blood vessels.

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Indications, contraindications, warnings and instructions for use can be found in the product labelling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.





# TrailBlazer™ Support Catheter

TrailBlazer™ support catheter is a single lumen over-the-wire support catheter with a low profile, tapered tip.
Three platinum/iridium markers are embedded between the two layers of this seamless catheter.
TrailBlazer™ is designed for increased pushability for crossing tight stenoses and occlusions.

## TrailBlazer™ Support Catheter

Each box includes 5 catheters in single sterile pouches

| Product Catalogue Number (5/Box) | Guidewire Compatibility (inch) | Usable Catheter Length (cm) | Space between Radiopaque Markers (mm) | Minimum Guide Catheter (Fr) | Minimum Introducer Sheath (Fr) |
|---|---|---|---|---|---|
| SC-035-065 | 0.035 | 65 | 50 | 6 | 5 |
| SC-035-090 | 0.035 | 90 | 50 | 6 | 5 |
| SC-035-135 | 0.035 | 135 | 50 | 6 | 5 |
| SC-035-150 | 0.035 | 150 | 50 | 6 | 5 |
| SC-018-090 | 0.018 | 90 | 15 | 5 | 4 |
| SC-018-135 | 0.018 | 135 | 15 | 5 | 4 |
| SC-018-150 | 0.018 | 150 | 15 | 5 | 4 |
| SC-014-135 | 0.014 | 135 | 15 | 5 | 4 |
| SC-014-150 | 0.014 | 150 | 15 | 5 | 4 |

INDICATIONS: The TrailBlazer™ support catheters are percutaneous, single lumen catheters designed for use in the peripheral vascular system.
TrailBlazer™ is intended to guide and support a guidewire during access of the vasculature, allow for wire exchanges and provide a conduit for the delivery of saline solutions or diagnostic contrast agents.

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This device is intended for the introduction of interventional devices into the neuro, peripheral and coronary vasculature.

Product availability and/or specifications subject to change. Contact Covidien.

# Nitrex™ Guidewires

The Nitrex™ guidewires are constructed of a solid nitinol core offering nitinol kink resistance and 1:1 torque.
All models feature a silicone coating, gold tungsten coil for enhanced radiopacity and a variety of sizes and angles.

## Nitrex™ Guidewires

Each box includes: Three guidewires in carrying hoop. Torque devices included on 0.014 and 0.018 wire sizes.

| Product Catalogue Number (3/Box) | Diameter (inch) | Length (cm) | Tip Style | Tip Length (cm) | Tip Shape | Tip Angle |
|---|---|---|---|---|---|---|
| .014" | | | | | | |
| N140801 | 0.014 | 80 | INT | 5 | Angle | 15° |
| N141802 | 0.014 | 180 | INT | 5 | Angle | 15° |
| N143001 | 0.014 | 300 | INT | 5 | Angle | 15° |
| .018" | | | | | | |
| N180601 | 0.018 | 60 | INT | 5 | Straight | 0 |
| N180603 | 0.018 | 60 | INT | 7 | Straight | 0 |
| N180801 | 0.018 | 80 | STD | 2 | Straight | 0 |
| N180802 | 0.018 | 80 | INT | 5 | Angle | 15° |
| N181804 | 0.018 | 180 | STD | 2 | Straight | 0 |
| N181805 | 0.018 | 180 | INT | 5 | Angle | 15° |
| N181806 | 0.018 | 180 | FLOP | 20 | Angle | 15° |
| N183001 | 0.018 | 300 | STD | 2 | Straight | 0 |
| N183002 | 0.018 | 300 | INT | 5 | Angle | 15° |
| .025" | | | | | | |
| N251801 | 0.025 | 180 | INT | 8 | Angle | 15° |
| N251802 | 0.025 | 180 | STD | 2 | Straight | 0 |
| N252601 | 0.025 | 260 | INT | 8 | Angle | 15° |
| .035" FLEXIBLE SHAFT | | | | | | |
| N351451 | 0.035 | 145 | INT | 15 | Straight | 0 |
| N351452 | 0.035 | 145 | INT | 15 | Angle | 45° |
| N351803 | 0.035 | 180 | INT | 15 | Straight | 0 |
| N352601 | 0.035 | 260 | INT | 15 | Angle | 45° |
| N354001 | 0.035 | 400 | INT | 15 | Straight | 0 |
| .035" STIFF SHAFT | | | | | | |
| N350801 | 0.035 | 80 | INT | 9 | Straight | 0 |
| N351453 | 0.035 | 145 | FLOP | 14 | Angle | 45° |
| N351455 | 0.035 | 145 | FLOP | 14 | Straight | 0 |
| N351454 | 0.035 | 145 | INT | 9 | Straight | 0 |
| N351804 | 0.035 | 180 | INT | 9 | Straight | 0 |
| N351805 | 0.035 | 180 | STD | 4 | Angle | 45° |
| N352602 | 0.035 | 260 | FLOP | 14 | Straight | 0 |
| N352604 | 0.035 | 260 | INT | 9 | Straight | 0 |
| N352603 | 0.035 | 260 | STD | 4 | Angle | 45° |
| N353001 | 0.035 | 300 | INT | 9 | Straight | 0 |
| N354002 | 0.035 | 400 | INT | 9 | Straight | 0 |

Specifications Normal

INDICATIONS: The 0.014" (0.36mm) and 0.018" (0.46mm) diameter Nitrex™ guidewires are intended for use in the peripheral and coronary vasculature.
The 0.025" (0.64mm) and 0.035" (0.89mm) diameter Nitrex™ nitinol guidewires are indicated for use in the peripheral vasculature.
ABBREVIATIONS: INT: Intermediate - STD: Standard -FLOP: FLOPPY

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Protected under one or more of the following: US Patent 5,664,580; 5,067,489. Non-US patents issued and pending.

Product availability and/or specifications subject to change. Contact Covidien.





# Babywire™ Double-Ended Nitinol Guidewire

The Babywire™ double ended nitinol guidewires assist the placement of IV Catheters and exchange of small vessel arterial/venous lines.

## Babywire™ Guidewires

Each box includes: Ten wires

| Product Catalogue Number (10/Box) | Diameter (inch) | Length (cm) |
|---|---|---|
| BW1200 | 0.012 | 18 |
| BW1201 | 0.012 | 50 |

Specifications Normal

INDICATIONS: The Babywire™ guidewire is intended for assisting the placement of initial catheters and/or exchange in the small vessel anatomy.
The Babywire™ guidewire is compatible with a 24-gauge needle or 2.0 French catheter.

## AqWire™ Guidewires

The AqWire™ guidewire combines the lubricity of a hydrophilic coating with the durability and kink resistance of a solid nitinol core.
Each box includes: Three hydrophilic guidewires

| Product Catalogue Number (3/Box) | Diameter (inch) | Length (cm) | Body Type | Tip Angle |
|---|---|---|---|---|
| .018" | | | | |
| A181501 | 0.018 | 150 | Standard | 0 |
| A181502 | 0.018 | 150 | Standard | 45° |
| A181801 | 0.018 | 180 | Standard | 0 |
| A181802 | 0.018 | 180 | Standard | 45° |
| A182601 | 0.018 | 260 | Standard | 0 |
| A182602 | 0.018 | 260 | Standard | 45° |
| .035" STANDARD BODY | | | | |
| A351501 | 0.035 | 150 | Standard | 0 |
| A351502 | 0.035 | 150 | Standard | 45° |
| A351801 | 0.035 | 180 | Standard | 0 |
| A351802 | 0.035 | 180 | Standard | 45° |
| A352601 | 0.035 | 260 | Standard | 0 |
| A352602 | 0.035 | 260 | Standard | 45° |
| .035" STIFF BODY | | | | |
| A351503 | 0.035 | 150 | Stiff | 0 |
| A351504 | 0.035 | 150 | Stiff | 45° |
| A351803 | 0.035 | 180 | Stiff | 0 |
| A351804 | 0.035 | 180 | Stiff | 45° |
| A352603 | 0.035 | 260 | Stiff | 0 |
| A352604 | 0.035 | 260 | Stiff | 45° |

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Wholey™ Guidewire System

The Wholey™ guidewire system provides enhanced torqueability and lubricity, allowing interventionalists to approach challenging cases with confidence.

## Wholey™ Guidewires

Each box includes: 2 hydrophobic coated guidewires.

| Product Catalogue Number | Description | Stiffness Profile | Tip Style | Size | | Qty |
|---|---|---|---|---|---|---|
| | | | | outer dia. (inch) | length (mm) | |
| WWFS35145 | Floppy Straight Tip, Extension Compatible | FLOP | STR / Shapeable | 0.035 | 145 | 3/Pkg |
| WWFS35175 | Floppy Straight Tip, Extension Compatible | FLOP | STR / Shapeable | 0.035 | 175 | 3/Pkg |
| WWFS35260 | Floppy Straight Tip, Exchange Length | FLOP | STR / Shapeable | 0.035 | 260 | 3/Pkg |
| WWFS35300 | Floppy Straight Tip, Exchange Length | FLOP | STR / Shapeable | 0.035 | 300 | 3/Pkg |
| WWIJ35145 | Intermediate Modified J Tip, Extension Compatible | INT | MOD J / Shapeable | 0.035 | 145 | 3/Pkg |
| WWIJ35175 | Intermediate Modified J Tip, Extension Compatible | INT | MOD J / Shapeable | 0.035 | 175 | 3/Pkg |
| WWIJ35260 | Intermediate Modified J Tip, Exchange Length | INT | MOD J / Shapeable | 0.035 | 260 | 3/Pkg |
| WWIJ35300 | Intermediate Modified J Tip, Exchange Length | INT | MOD J / Shapeable | 0.035 | 300 | 3/Pkg |
| WWSS35145 | Standard Straight Tip, Extension Compatible | STD | STR / Shapeable | 0.035 | 145 | 3/Pkg |
| WWSS35175 | Standard Straight Tip, Extension Compatible | STD | STR / Shapeable | 0.035 | 175 | 3/Pkg |
| WWSS35260 | Standard Straight Tip, Exchange Length | STD | STR / Shapeable | 0.035 | 260 | 3/Pkg |
| WWSS35300 | Standard Straight Tip, Exchange Length | STD | STR / Shapeable | 0.035 | 300 | 3/Pkg |
| WWES35001 | Extension System | STD | STR / Shapeable | 0.035 | 155 | 3/Pkg |

INDICATIONS: The Wholey™ guidewire system is intended to facilitate the placement and exchange of interventional devices during diagnostic or therapeutic interventional procedures. The guidewire can be torqued to facilitate navigation through tortuous arteries and/or avoid unwanted side branches.

## Kendall™ Torque Device

Each box includes: 10 torque devices.

| Product Catalogue Number | Description | Size | | Qty |
|---|---|---|---|---|
| | | outer dia. (inch) | length (mm) | |
| WWTD35001 | Torque Device | 0.025 - 0.038 inch | | 10/Pkg |

CE 0120

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
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Product availability and/or specifications subject to change. Contact Covidien.





# GooseNeck™ Snares

Engineered for precise retrieval and manipulation, the Amplatz GooseNeck™ snares and microsnares ( for small vessel applications ) feature a highly radiopaque snare loop that is 90° to shaft of the snare. Other features include a nitinol shaft for kink resistance and gold tungsten loop for enhanced visualisation.

## Amplatz GooseNeck™ Snare Kit

Each kit includes: one snare, one snare catheter, one introducer and one torque device

| Product Catalogue Number (1/Box) | Loop Diameter (mm) | Snare Length (cm) | Catheter Size (Fr) | Catheter Length (cm) |
|---|---|---|---|---|
| GN500 | 5 | 120 | 4 | 102 |
| GN1000 | 10 | 120 | 4 | 102 |
| GN1001 | 10 | 65 | 4 | 48 |
| GN1500 | 15 | 120 | 6 | 102 |
| GN2000 | 20 | 120 | 6 | 102 |
| GN2501 | 25 | 65 | 6 | 48 |
| GN2500 | 25 | 120 | 6 | 102 |
| GN3000 | 30 | 120 | 6 | 102 |
| GN3500 | 35 | 120 | 6 | 102 |

INDICATIONS: The Amplatz GooseNeck™ snare is intended for use in the cardiovascular system or hollow viscus to retrieve and manipulate foreign objects. Manipulation procedures include indwelling venous catheter, fibrin sheath stripping, and central venous access venipuncture procedure assistance.

## Amplatz GooseNeck™ Snare Kit

Each kit includes: one snare, one snare catheter, one introducer and one torque device

| Product Catalogue Number (1/Box) | Loop Diameter (mm) | Snare Length (cm) | Catheter Size Distal-Proximal (Fr) | Catheter Length (cm) |
|---|---|---|---|---|
| SK200 | 2 | 175 | 2.3-3 | 150 |
| SK201 | 2 | 200 | 2.3-3 | 175 |
| SK400 | 4 | 175 | 2.3-3 | 150 |
| SK401 | 4 | 200 | 2.3-3 | 175 |
| SK700 | 7 | 175 | 2.3-3 | 150 |
| SK701 | 7 | 200 | 2.3-3 | 175 |

INDICATIONS: The Amplatz GooseNeck™ snare is intended for use in the retrieval and manipulation of atraumatic foreign bodies located in the coronary and peripheral cardiovascular system and the extra-cranial neurovascular anatomy.

## Amplatz GooseNeck™ Snare Kit

Each kit includes: one snare and one snare catheter

| Product Catalogue Number (1/Box) | Catheter O.D (Fr) | Catheter Length (cm) |
|---|---|---|
| MC4000 | 4 | 102 |
| MC4001 | 4 | 48 |
| MC6000 | 6 | 102 |
| MC6001 | 6 | 48 |

APC Codes: C1773
Specifications Nominal

CE 0120

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Valved Infusion Catheters

The Cragg-McNamara™ valved infusion catheters line is a single lumen infusion catheter with a valved tip that allows infusion without the need of a tip-occluding guidewire.

## Cragg-McNamara™ Valved Infusion Catheters

| Product Catalogue Number (1/Box) | Diameter (Fr) | Usable Length (cm) | Infusion Length (cm) | Recommended Guidewire (inch) |
|---|---|---|---|---|
| 41032-01 | 4 | 40 | 10 | 0.035 |
| 41033-01 | 4 | 40 | 20 | 0.035 |
| 41034-01 | 4 | 65 | 5 | 0.035 |
| 41035-01 | 4 | 65 | 10 | 0.035 |
| 41036-01 | 4 | 65 | 20 | 0.035 |
| 41037-01 | 4 | 100 | 5 | 0.035 |
| 41038-01 | 4 | 100 | 10 | 0.035 |
| 41039-01 | 4 | 100 | 20 | 0.035 |
| 41040-01 | 4 | 135 | 5 | 0.035 |
| 41041-01 | 4 | 135 | 10 | 0.035 |
| 41042-01 | 4 | 40 | 20 | 0.035 |
| 41043-01 | 5 | 40 | 5 | 0.038 |
| 41044-01 | 5 | 40 | 10 | 0.038 |
| 41045-01 | 5 | 65 | 20 | 0.038 |
| 41046-01 | 5 | 65 | 5 | 0.038 |
| 41047-01 | 5 | 65 | 10 | 0.038 |
| 41048-01 | 5 | 100 | 20 | 0.038 |
| 41049-01 | 5 | 100 | 5 | 0.038 |
| 41050-01 | 5 | 100 | 10 | 0.038 |
| 41051-01 | 5 | 100 | 20 | 0.038 |
| 41052-01 | 5 | 100 | 30 | 0.038 |
| 41053-01 | 5 | 100 | 40 | 0.038 |
| 41054-01 | 5 | 135 | 50 | 0.038 |
| 41055-01 | 5 | 135 | 5 | 0.038 |
| 41056-01 | 5 | 135 | 10 | 0.038 |
| 41057-01 | 5 | 135 | 20 | 0.038 |
| 41058-01 | 5 | 135 | 30 | 0.038 |
| 41059-01 | 5 | 135 | 40 | 0.038 |
| 41060-01 | 5 | 135 | 50 | 0.038 |

INDICATIONS: The Cragg-McNamara™ infusion catheter is indicated for use in the controlled selective infusion of physician-specified pharmacological agents or radiopaque contrast media into the general vasculature.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.





# Peripheral Infusion Catheters

The MicroMewi™ multiple sidehole infusion catheters feature radiopaque platinum markers providing fluoroscopic visualisation for precise catheter placement. Flexible and trackable distal catheter segment allow access to tortuous anatomy.

## MicroMewi™ Multiple Sidehole Infusion Catheters

| Product Catalogue Number (1/Box) | Diameter (Fr) | Usable Length (cm) | Infusion Length (cm) | Recommended Guidewire (inch) |
|---|---|---|---|---|
| 41063-01 | 2.9 | 150 | 5 | 0.018 |
| 41064-01 | 2.9 | 150 | 10 | 0.018 |
| 41066-01 | 2.9 | 180 | 5 | 0.018 |
| 41067-01 | 2.9 | 180 | 10 | 0.018 |

INDICATIONS: The MicroMewi™ multiple sidehole infusion catheter is indicated for use in the controlled selective infusion of physician-specified pharmacological agents or radiopaque contrast media into general vasculature.

# Infusion Wires

The ProStream™ multiple sidehole infusion wires are constructed with an integral core wire, stainless steel coil and an outer Teflon™* layer. The wires are available in a wide variety of side-hole infusion lengths. The ProStream™ multiple sidehole infusion wires can be used coaxially through 5F infusion catheters.

## ProStream™ Multiple Sidehole Infusion Wires

| Product Catalogue Number (1/Box) | Usable Length (cm) | Infusion Length (cm) | Recommended Guidewire (inch) |
|---|---|---|---|
| 41272-01 | 145 | 6 | 0.035 |
| 41273-01 | 145 | 9 | 0.035 |
| 41273-01 | 145 | 12 | 0.035 |
| 41276-01 | 175 | 6 | 0.035 |
| 41277-01 | 175 | 9 | 0.035 |
| 41278-01 | 175 | 12 | 0.035 |

INDICATIONS: The ProStream™ multiple sidehole infusion wire is indicated for use in the controlled selective infusion of physician-specified pharmacological agents or radiopaque contrast media into general vasculature.

# Y-Connectors

## The BigEasy™ & the Sequel Y-Connectors

The rotating Y-connectors accept devices from 0.12" to 0.123" (9F). The Big Easy™ Y-connectors: 2-Way Adjustable Valve. The Sequel: 3-Way Adjustable Valve. They are sold in packages of five (5).

| Big Easy | The Sequel |
|---|---|
| MVA100 | MVA200 |

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Embolic Protection



## Embolic Protection Device

The SpiderFX™ embolic protection device consists of a nitinol mesh filter affixed to a 0.014" stainless steel guidewire.

### SpiderFX™ system

The SpiderFX™ system is the only embolic protection device that works with any 0.014"or 0.018"guidewire of choice to cross the most challenging lesions. The device offers enhanced visibility due to the nitinol frame with gold/tungsten marker. The extensive product portfolio permits treatment within a range of vessel sizes from 2 mm to 7 mm. The SpiderFX™ system is compatible with a guide catheter/sheath minimum ID of 0.066" ( typically a 6 French guide catheter or 5 French access/longsheath ). Check catheter manufacturer information for size compatibility.

| Product Catalogue Number (1/Box) | Capture Wire | | | Delivery Catheter Cross Profile (Fr) | Recovery Catheter Diameter (Fr) | Guide Catheter Sheath Minimum ID (inch) |
|---|---|---|---|---|---|---|
| | Filter Size (mm) | Wire Length RX/over-the-wire (cm) | Wire Diameter (inch/mm) | | | |
| SPD2-030-190 | 3.0 | 190 | 0.014/0.36 | 3.2 | 4.2 | 0.066 |
| SPD2-030-320 | 3.0 | 320/190 | 0.014/0.36 | 3.2 | 4.2 | 0.066 |
| SPD2-040-190 | 4.0 | 190 | 0.014/0.36 | 3.2 | 4.2 | 0.066 |
| SPD2-040-320 | 4.0 | 320/190 | 0.014/0.36 | 3.2 | 4.2 | 0.066 |
| SPD2-050-190 | 5.0 | 190 | 0.014/0.36 | 3.2 | 4.2 | 0.066 |
| SPD2-050-320 | 5.0 | 320/190 | 0.014/0.36 | 3.2 | 4.2 | 0.066 |
| SPD2-060-190 | 6.0 | 190 | 0.014/0.36 | 3.2 | 4.2 | 0.066 |
| SPD2-060-320 | 6.0 | 320/190 | 0.014/0.36 | 3.2 | 4.2 | 0.066 |
| SPD2-070-190 | 7.0 | 190 | 0.014/0.36 | 3.2 | 4.2 | 0.066 |
| SPD2-070-320 | 7.0 | 320/190 | 0.014/0.36 | 3.2 | 4.2 | 0.066 |

Specifications Nominal
135 cm catheter length / 0.078" stent crossing profile / 6F compatible / 0.014" guidewire compatible

INDICATIONS: The SpiderFX™ embolic protection device provides distal embolisation protection during general vascular use, including peripheral, coronary, and carotid interventions.

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.


Product availability and/or specifications subject to change. Contact Covidien.

# Peripheral Embolisation Systems



## Onyx™ Liquid Embolic System

### Onyx™ Liquid Embolic System

Onyx™ liquid embolic system is an EVOH co-polymer designed to provide complete occlusion in a controlled embolisation procedure, achieving clinical success across a variety of applications

| Product Catalogue Number | Onyx™ Formulation |
|---|---|
| 105-7200-060 | Onyx 18 Peripheral |
| 105-7200-080 | Onyx 34 Peripheral |

INDICATIONS: **Embolisation of lesions in the peripheral and neurovasculature, including arteriovenous malformations and hypervascular tumors.**

### Onyx™ Mixer

The Onyx™ mixer (shaker) is packaged one unit per box. It contains four spaces for preparation of Onyx™ vials simultaneously.

| Product Catalogue Number | Voltage |
|---|---|
| 103-1205-002 | 240 |

INDICATIONS: To facilitate proper suspension of the ONYX™ tantalum for better visualisation prior to use.

### Onyx™ Syringe Catheter Interface Adapter

This device is an Onyx™ syringe catheter interface adapter and DMSO compatible adapter used to provide an interface between a Covidien 1 ml syringe and the 1.5F UltraFlow HPC/1.5F Marathon™ and Apollo™ micro catheter during an Onyx™ embolisation.

| Product Catalogue Number (1/Box) | Capacity (ml) | Syringes/Box |
|---|---|---|
| 103-1207 | 1 | 20 |

INDICATIONS: The proximal end of the adapter incorporates a standard ISO, female luer design to facilitate connection to the syringe. The distal end is designed specifically to fit the hub of the 1.5F UltraFlow™ HPC/Marathon™ 1.5F and Apollo™ micro catheter.

### 1ml Luer-Lock Injection Syringe

| Product Catalogue Number (1/Box) | Capacity (ml) | Syringes/Box |
|---|---|---|
| 103-1203 | 1 | 10 |

INDICATIONS: The Luer-Lock injector syringe is intended for the delivery of fluids.

### Recommended Access Systems

- UltraFlow™ HPC Micro Catheter: For detailed information, refer to page 21
- Marathon™ Micro Catheter: For detailed information, refer to page 21
- Apollo™ Onyx™ Delivery Catheter: For detailed information, refer to page 21
- Echelon™ Reinforced Micro Catheter: For detailed information, refer to page 22
- Rebar™ Reinforced Micro Catheter: For detailed information, refer to page 23
- HyperForm™ & HyperGlide™ Occlusion Balloon Systems: For detailed information, refer to page 26

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Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.

# Concerto™ Detachable Coil System

The Concerto™ detachable coil system is a stretch resistant, detachable coil that can be repositioned easily prior to detachment and uses enlaced microfilament technology called LatticeFX™.

## Concerto™ Detachable Coil

| Product Catalogue Number (1/Box) | Description | Diameter (mm) | Length (cm) | Minimum Microcatheter Compatibility (inch) |
|---|---|---|---|---|
| NV-2-4-Helix | Concerto Nylon Helical | 2 | 4 | 0.0165 |
| NV-2-6-Helix | Concerto Nylon Helical | 2 | 6 | 0.0165 |
| NV-2-8-Helix | Concerto Nylon Helical | 2 | 8 | 0.0165 |
| NV-3-4-Helix | Concerto Nylon Helical | 3 | 4 | 0.0165 |
| NV-3-8-Helix | Concerto Nylon Helical | 3 | 8 | 0.0165 |
| NV-4-8-Helix | Concerto Nylon Helical | 4 | 8 | 0.0165 |
| NV-4-10-Helix | Concerto Nylon Helical | 4 | 10 | 0.0165 |
| NV-5-15-Helix | Concerto Nylon Helical | 5 | 15 | 0.021 |
| NV-5-20-Helix | Concerto Nylon Helical | 5 | 20 | 0.021 |
| NV-6-20-Helix | Concerto Nylon Helical | 6 | 20 | 0.021 |
| NV-7-30-Helix | Concerto Nylon Helical | 7 | 30 | 0.021 |
| NV-8-30-Helix | Concerto Nylon Helical | 8 | 30 | 0.021 |
| NV-9-30-Helix | Concerto Nylon Helical | 9 | 30 | 0.021 |
| NV-10-30-Helix | Concerto Nylon Helical | 10 | 30 | 0.021 |
| PV-12-30-Helix | Concerto PGLA Helical | 12 | 30 | 0.021 |
| PV-14-30-Helix | Concerto PGLA Helical | 14 | 30 | 0.021 |
| PV-16-40-Helix | Concerto PGLA Helical | 16 | 40 | 0.021 |
| PV-18-40-Helix | Concerto PGLA Helical | 18 | 40 | 0.021 |
| PV-20-50-Helix | Concerto PGLA Helical | 20 | 50 | 0.021 |

INDICATIONS: The Concerto™ detachable coil system is indicated for arterial and venous embolisation in the peripheral vasculature.

## I.D. Instant Detacher

One detacher required per procedure.

| Product Catalogue Number | Number By Box |
|---|---|
| ID-1-5 | 5 |

## Recommended Access Systems

- Rebar™ Reinforced Micro Catheter: For detailed information, refer to page 23

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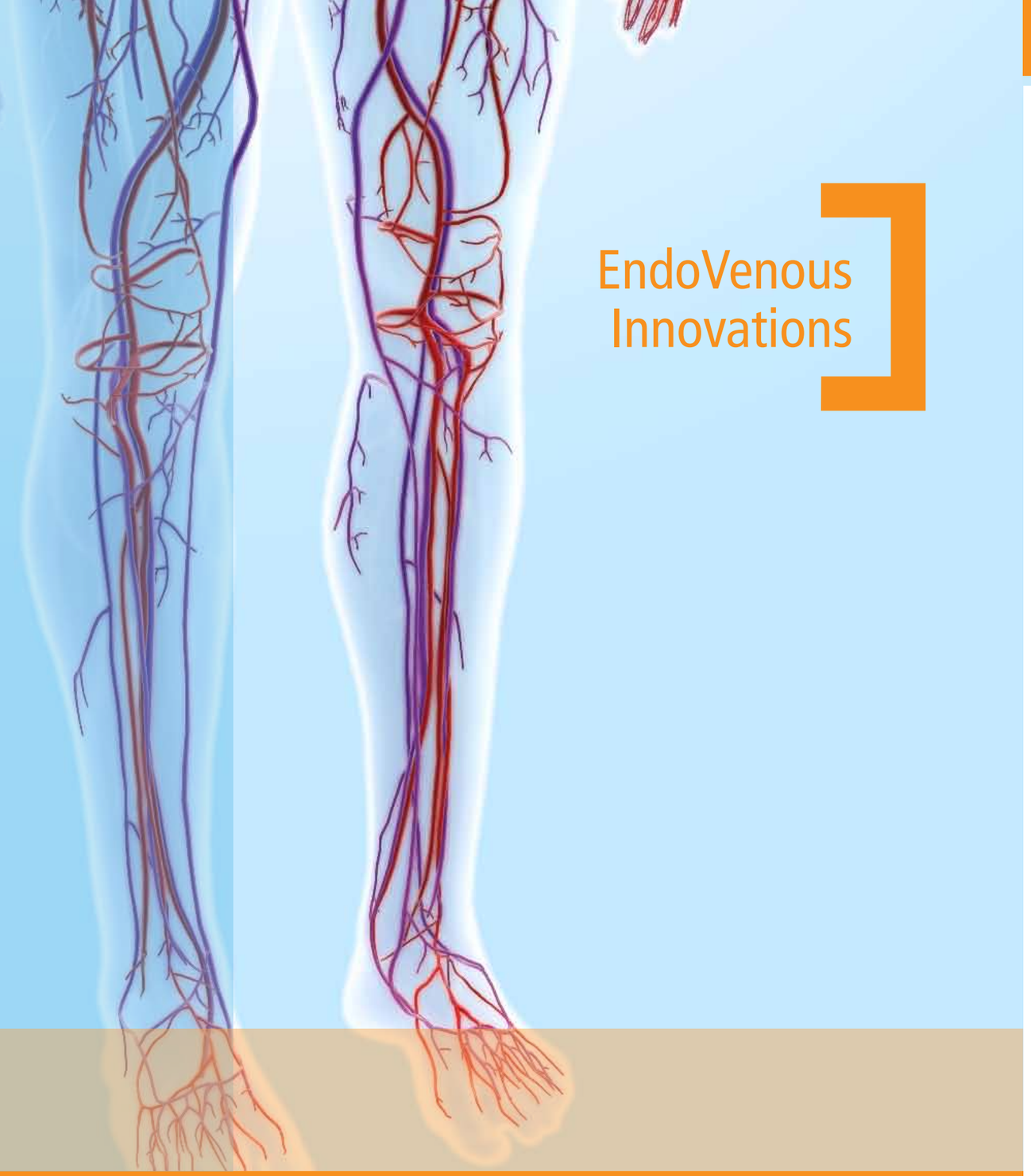
Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Concerto is a trademark of Covidien.

Product availability and/or specifications subject to change. Contact Covidien.



# EndoVenous Innovations



## Trellis™ Peripheral Infusion System

Designed to isolate thrombus and enhance thrombolysis for the treament of Deep Vein Thrombosis

### Trellis™ Peripheral Infusion System

| Product Catalogue Number | Treatment Zone | Catheter Shaft |
|---|---|---|
| EUT8 080 15 | 15 cm | 80 cm |
| EUT8 080 30 | 30 cm | 80 cm |
| EUT8 120 15 | 15 cm | 120 cm |
| EUT8 120 30 | 30 cm | 120 cm |

INDICATIONS: The Trellis™ peripheral infusion system is intended for controlled and selective infusion of physician-specified fluids, including thrombolytics, into the peripheral vasculature.

## ClosureRFG™ Radiofrequency Generator

The ClosureRFG™ generator delivers radiofrequency energy during all Venefit™ procedures utilising the ClosureFast™ catheter for the effective treatment of Chronic Venous Insufficiency (CVI).

### ClosureRFG™ Ordering Information

| Product Catalgue Number | Description | Voltage |
|---|---|---|
| RFG2 | ClosureRFG™ generator | Universal (100-240 V) |

All Covidien Venefit™ procedure products are not made with natural rubber latex.

INDICATIONS: The ClosureFast™ radiofrequency generator is intended for use with ClosureFast™ radiofrequency devices intended for vessel and tissue coagulation.

## ClosureFast™ Endovenous Radiofrequency Catheter

The Venefit™ procedure with the ClosureFast™ catheter uses radiofrequency energy to precisely and effectively treat patients suffering from Chronic Venous Insufficiency (CVI).

### ClosureFast™ Catheters Ordering Information

| Product Catalogue Number | Description | Working Length | Heating Element Length | Compatible Guidewire |
|---|---|---|---|---|
| CF7-7-60 | 7F Covidien Closurefast™ catheter | 60cm | 7cm | 0.025" |
| CF7-7-100 | 7F Covidien Closurefast™ catheter | 100cm | 7cm | 0.025" |
| CF7-3-60* | 7F Covidien Closurefast™ 3cm catheter | 60cm | 3cm | 0.025" |

* ClosureRFG™ software version 4.4.0 or higher is required. All Covidien Venefit™ procedure products are not made with natural rubber latex.

INDICATIONS: The Covidien ClosureFast™ catheter is intended for endovascular coagulation of blood vessels in patients with superficial venous reflux.

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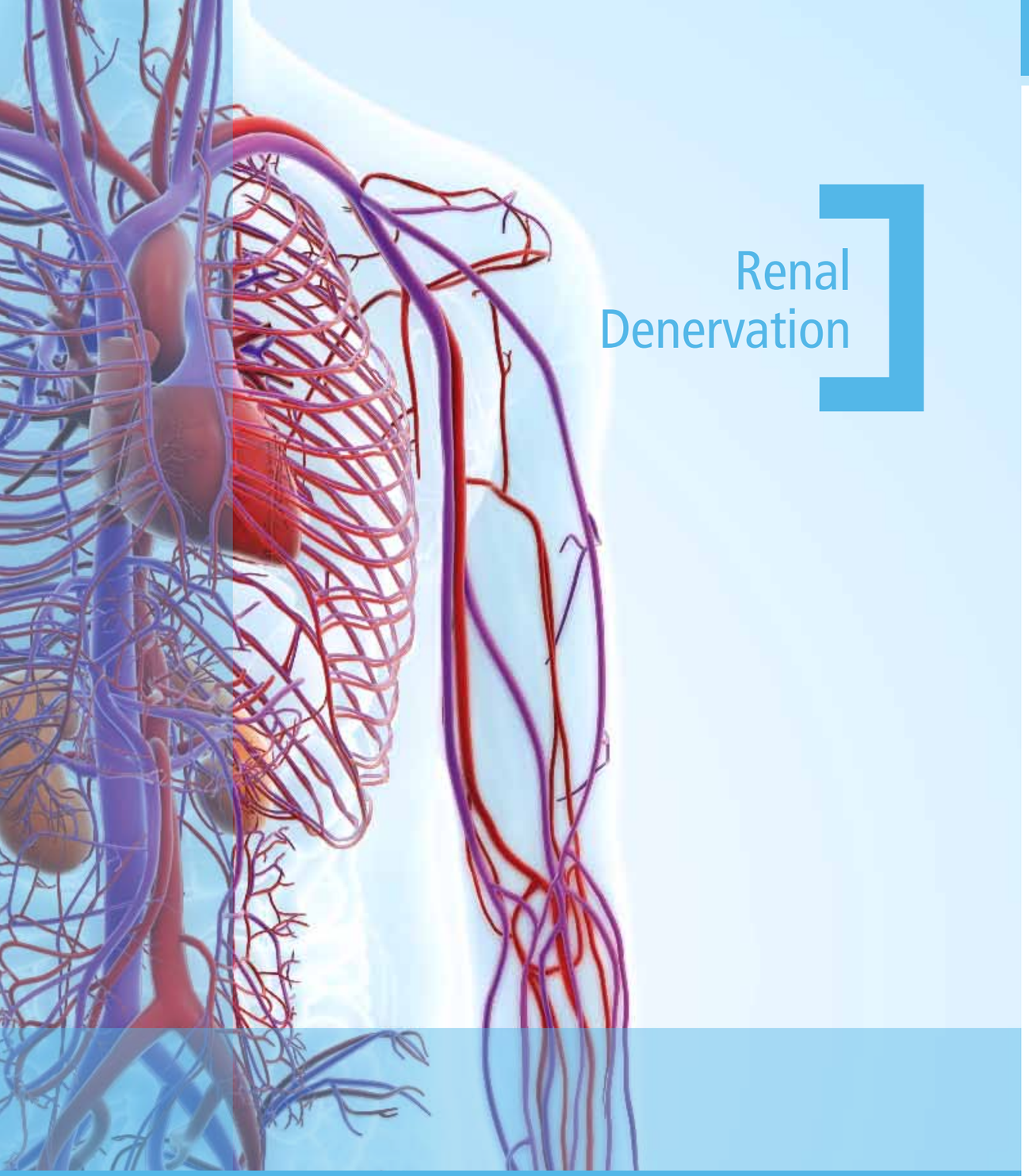
Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.

Product availability and/or specifications subject to change. Contact Covidien.



# Renal Denervation



## OneShot™ Renal Denervation System

An Irrigated Radio Frequency Balloon Technology

### OneShot™ Renal Denervation System Ordering Information

| Product Catalogue Number | Description | Recommended Vessel Diameter (mm) | Balloon Size | | Catheter Effective Length (cm) | Guide Catheter Compatibilty (F) |
|---|---|---|---|---|---|---|
| | | | dia. (mm) | working length (mm) | | |
| FG3006-50 | OneShot™ irrigated RF balloon catheter 5.0mm | 4.0 - 5.0 | 5.0 | 20 | 74 | 7 |
| FG3006-60 | OneShot™ irrigated RF balloon catheter 6.0mm | 5.1 - 6.0 | 6.0 | 20 | 74 | 7 |
| FG3006-70 | OneShot™ irrigated RF balloon catheter 7.0mm | 6.1 - 7.0 | 7.0 | 20 | 74 | 8 |
| FG3008 | OneShot™ RF generator | N/A | N/A | N/A | N/A | N/A |
| E5707 | REM Polyhesive™ adult patient electrode 9' (2.7m) cord (50 pads) | N/A | N/A | N/A | N/A | N/A |

INDICATIONS: The intended use of the OneShot™ renal denervation system is to deliver low-level RF energy through the wall of the renal artery to denervate the human kidney.

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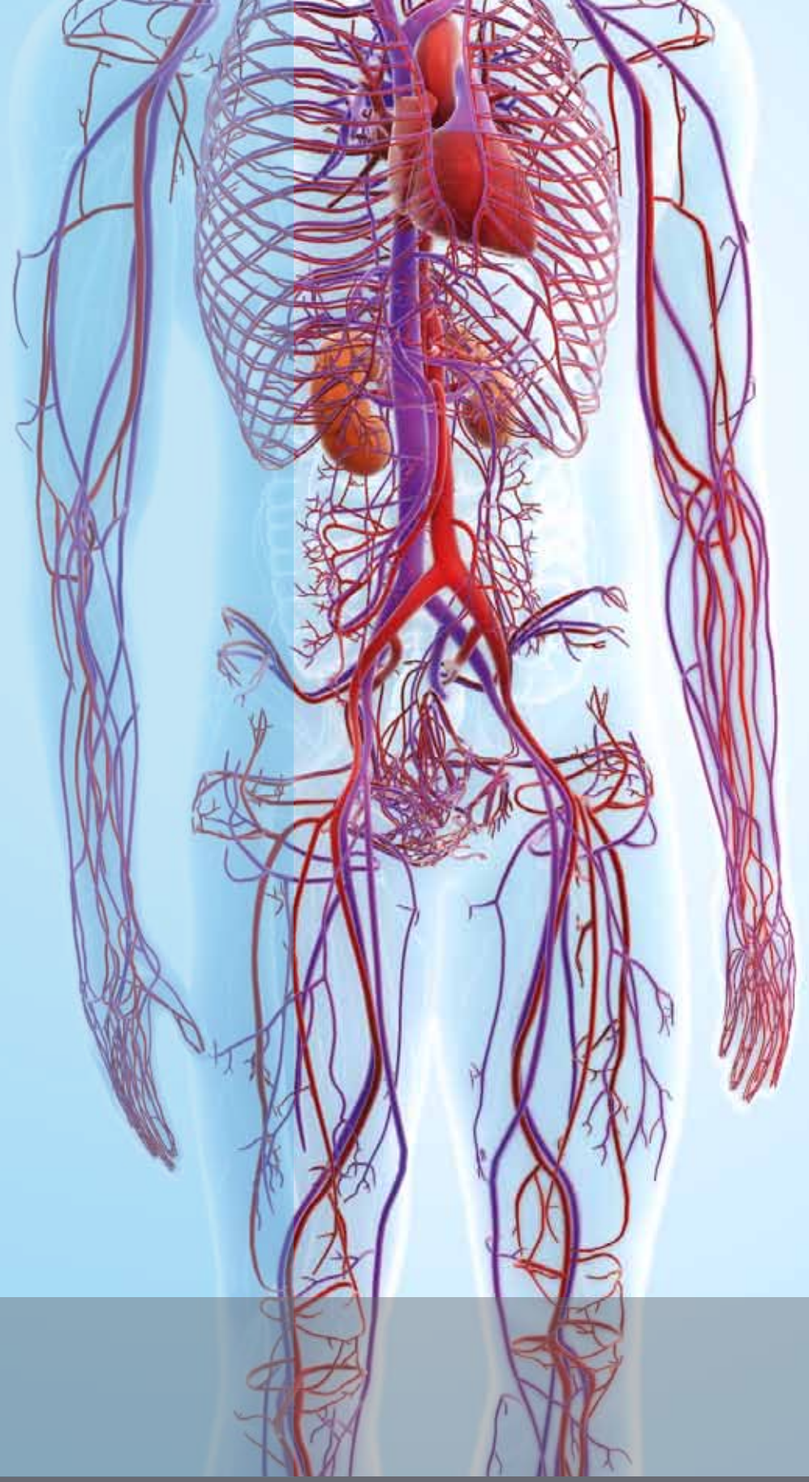
The OneShot™ renal denervation system is not approved for sale in the United States.
Indications, contradiction, warnings and instruction for use can be found in the product labeling supplied with each device.
All claims and descriptions are for CE regulated countries. Availability of these products may vary in countries outside EU.



# Venous Solutions

## Venous Solutions Contents

# Thrombosis



## Kendall SCD™ Comfort Sleeves & 700 Series Controller

### Kendall SCD™ Sequential Compression Comfort Sleeves - Thigh Length

| Thigh Circumference | Description | Size | Order Code | Case Qty |
|---|---|---|---|---|
| Up to 40.6cm | Thigh Length | X-Small | 74010 | 5 Pairs |
| 40.6 to 55.9cm | Thigh Length | Small | 74011 | 5 Pairs |
| 55.9 to 71.1cm | Thigh Length | Medium | 74012 | 5 Pairs |
| 71.1 to 91.4cm | Thigh Length | Large | 74013 | 3 Pairs |

INDICATIONS: The Kendall™ SCD 700 Series Compression System with Leg Sleeves is indicated for deep vein thrombosis and pulmonary embolism prophylaxis.

### Kendall SCD™ Sequential Compression Comfort Sleeves - Knee Length

| Calf Circumference | Description | Size | Order Code | Case Qty |
|---|---|---|---|---|
| Up to 35.6cm | Knee Length | Small | 74021 | 5 Pairs |
| 35.6 to 53.3cm | Knee Length | Medium | 74022 | 5 Pairs |
| 53.3 to 66.0cm | Knee Length | Large | 74023 | 5 Pairs |

INDICATIONS: The Kendall™ SCD 700 Series Compression System with Leg Sleeves is indicated for deep vein thrombosis and pulmonary embolism prophylaxis.

### Kendall SCD™ Sequential Compression Tear-Away - Thigh Length

| Thigh Circumference | Description | Size | Order Code | Case Qty |
|---|---|---|---|---|
| 40.6 to 55.9cm | Thigh Length | Small | 74041 | 5 Pairs |
| 55.9 to 71.1cm | Thigh Length | Medium | 74042 | 5 Pairs |
| 71.1 to 91.4cm | Thigh Length | Large | 74043 | 3 Pairs |

INDICATIONS: The Kendall™ SCD 700 Series Compression System with Leg Sleeves is indicated for deep vein thrombosis and pulmonary embolism prophylaxis.

### Kendall SCD™ 700 Series Controller

| Product Catalogue Number | Description | Qty |
|---|---|---|
| 295250 | SCD 700 Series Controller - EU | 1 |
| 295251 | SCD 700 Series Controller - UK | 1 |

INDICATIONS: The Kendall™ SCD 700 Sequential Compression System is designed to apply intermittent pneumatic compression to increase venous blood flow in at-risk patients in order to help prevent deep vein thrombosis and pulmonary embolism.

# SCD Express™

Sequential compression system to reduce the incidence of both Deep Vein Thrombosis (DVT) and Pulmonary Embolism (PE) in surgical patients.

## SCD Express™ Sleeves

| Product Catalogue Number | Type | Size | Qty/Case |
|---|---|---|---|
| 73022 | Knee Length | Medium | 5 pairs |
| 73023 | Knee Length | Large | 5 pairs |
| 9790 | Knee Length | X Large | 5 pairs |
| 73011 | Thigh Length | Small | 5 pairs |
| 73012 | Thigh Length | Medium | 5 pairs |
| 73013 | Thigh Length | Large | 3 pairs |

INDICATIONS: Help to reduce the risk of Deep Vein Thrombosis (DVT) and Pulmonary Embolism (PE).

## SCD Express™ Tear-Away Sleeves

| Product Catalogue Number | Type | Size | Qty/Case |
|---|---|---|---|
| 73041 | Thigh Length | Small | 5 pairs |
| 73042 | Thigh Length | Medium | 5 pairs |
| 73043 | Thigh Length | Large | 3 pairs |

INDICATIONS: Help to reduce the risk of Deep Vein Thrombosis (DVT) and Pulmonary Embolism (PE).

## SCD Express™ Sterile Sleeve

| Product Catalogue Number | Type | Size | Qty/Case |
|---|---|---|---|
| 9736 | Thigh Length | Medium | 5 singles |

INDICATIONS: Help to reduce the risk of Deep Vein Thrombosis (DVT) and Pulmonary Embolism (PE).

## SCD Express™ Foot Cuff

| Product Catalogue Number | Type | Size | Qty/Case |
|---|---|---|---|
| 73032 | Foot | Regular | 10 Singles |
| 73033 | Foot | Large | 10 Singles |

INDICATIONS: Help to reduce the risk of Deep Vein Thrombosis (DVT) and Pulmonary Embolism (PE).

## SCD Express™ Controller & Tubing

| Product Catalogue Number | Description | Qty |
|---|---|---|
| 95250S | Compression System Controller - EU | 1 |
| 95251S | Compression System Controller - UK | 1 |
| 9528 | Compression System Tubing Set | 1 |
| 9918 | Compression System Tubing Set (for SCD SEQUEL™ & SCD RESPONSE™) | 1 |
| 9595 | Compression System Tubing Set (Ambulatory Extension) | 1 |
| 9995 | Compression System Tubing Set (Compatible Extension) | 1 |

INDICATIONS: Help to reduce the risk of Deep Vein Thrombosis (DVT) and Pulmonary Embolism (PE).

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* - Ramos R et al. The efficacy of pneumatic compression stockings in the prevention of pulmonary embolism after cardiac surgery. CHEST. Jan 1996. 109:82-85.

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Product availability and/or specifications subject to change. Contact Covidien.





# A-V Impulse™ System

A foot compression system clinically proven to reduce the incidence of Deep Vein Thrombosis (DVT), with the added benefit of reducing post-operative or traumatic swelling and pain.*

## A-V Impulse™ System Foot Pump

| Product Catalogue Number | Description | Qty/Case |
|---|---|---|
| AV6000-EUR | Dual Channel Controller | 1 each |

INDICATIONS: The A-V Impulse™ System is indicated circulation enhancement, deep vein thrombosis (DVT) and pulmonary embolism prophylaxis, acute and chronic edema, leg pain incident to trauma or surgery, leg ulcers, venous stasis and insufficiency, and lymphoedema.

## ImPad™ Rigid Sole Foot Cover*

| Product Catalogue Number | Description | Qty/Case |
|---|---|---|
| AV730-5 | Small – right and left foot | 4 pairs/case |
| AV740-5 | Medium – right and left foot | 4 pairs/case |
| AV750-5 | Large – right and left foot | 4 pairs/case |

*Not made with natural rubber latex.

INDICATIONS: Deep Vein Thrombosis Prophylaxis, Pulmonary Embolism Prophylaxis, Acute and Chronic Edema, Circulation Enhancement, Extremity Pain Associated with Trauma, Venous Insufficiency, Lymphedema.

## A-V Impulse™ Tubing

| Product Catalogue Number | Description |
|---|---|
| AV810-01 | Air hose blue, 3M |
| AV820-01 | Air hose red, 3M |
| AV830-00 | Air hose grey, 3M |

INDICATIONS: Deep Vein Thrombosis Prophylaxis, Pulmonary Embolism Prophylaxis, Acute and Chronic Edema, Circulation Enhancement, Extremity Pain Associated with Trauma, Venous Insufficiency, Lymphedema.

## ImPad™ Rigid Sole Foot Cover Sizing Chart

| | Small AV730-5 | Medium AV740-5 | Large AV750-5 |
|---|---|---|---|
| Women's UK Shoe Size | 1 - 3 | 3 - 6.5 | 7 - 9 |
| Women's EU Shoe Size | 30 - 35 | 35.5 - 40 | 41 - 43.5 |
| Men's UK Shoe Size | 2 - 4 | 4 - 7.5 | 8 - 12 |
| Men's EU Shoe Size | 30 - 36 | 36 - 41 | 42 - 46.5 |
| Circumference | Up to 23cm | Up to 30cm | Up to 33cm |

Note: For ImPad™ under cast inflation pads, one size fits all.

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* - Pitto, RP et al. Mechanical prophylaxis of deep-vein thrombosis after total hip replacement: a randomised clinical trial. J Bone Joint Surg (Br) 2004;86-B:639-42.

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device.
Product availability and/or specifications subject to change. Contact Covidien.

# T.E.D.™ Anti-embolism Stockings

## Thigh Length Style

| Thigh Circumference | Calf Girth | Leg Length | Code | Size | Length Colour |
|---|---|---|---|---|---|
| Less than 63.5cm | Smalll | Short | 3071LF | A | Yellow |
| | | Regular | 3130LF | B | White |
| | | Long | 3222LF | C | Blue |
| | Medium | Short | 3310LF | D | Yellow |
| | | Regular | 3416LF | E | White |
| | | Long | 3549LF | F | Blue |
| | Large | Short | 3634LF | G | Yellow |
| | | Regular | 3728LF | H | White |
| | | Long | 3856LF | J | Blue |
| 63.5 to 81.3cm | X-Large | Short | 4010LF | K | Yellow |
| | | Regular | 4114LF | L | White |
| | | Long | 4216LF | M | Blue |
| | | Short | 3180LF | N | Yellow |
| | | Regular | 3181LF | P | White |
| | | Long | 3182LF | Q | Blue |
| 81.3 to 91.4cm | XX-Large | Short | 3183LF | R | Yellow |
| | | Regular | 3184LF | S | White |
| | | Long | 3185LF | T | Blue |

## Thigh Length with Belt Style

| Thigh Circumference | Calf Girth | Leg Length | Code | Size | Length Colour |
|---|---|---|---|---|---|
| Less than 63.5cm | X-Small | Regular | 3306 | AA+ | White |
| | | Long | 3320 | BB+ | Blue |
| | Small | Regular | 3039 | A+ | White |
| | | Long | 3364 | B+ | Blue |
| | Medium | Regular | 3144 | C+ | White |
| | | Long | 3449 | D+ | Blue |
| | Large | Regular | 3221 | E+ | White |
| | | Long | 3523 | F+ | Blue |
| 63.5 to 81.3cm | X-Large | Regular | 3922 | G+ | White |
| | | Long | 3995 | H+ | Blue |





## Knee Length Style

| Knee Length | Calf Girth | Leg Length | Code | Size | Length Colour |
|---|---|---|---|---|---|
| Less than 30.5cm | Small | Regular | 7071 | A- | White |
| | | Long | 7339 | B- | Blue |
| 30.5 to 38cm | Medium | Regular | 7115 | C- | White |
| | | Long | 7480 | D- | Blue |
| 38 to 44.5cm | Large | Regular | 7203 | E- | White |
| | | Long | 7594 | F- | Blue |
| 44.5 to 51cm | X-Large | Regular | 7604 | G- | White |
| | | Long | 7802 | H- | Blue |
| 51 to 58.4cm | XX-Large | Regular | 7470LF | J- | White |
| | | Long | 7471LF | K- | Blue |
| 58.4 to 66cm | XXX-Large | Regular | 7472LF | L- | White |
| | | Long | 7473LF | M- | Blue |

# Dialysis



## 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 |

INDICATIONS: Short-term central venous access device for haemodialysis, apheresis, and infusion.

## 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

| 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 |

INDICATIONS: Short-term central venous access device for haemodialysis, apheresis, and infusion.

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

- Patented curved extensions for jugular placement
- 180º 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 |

INDICATIONS: Short-term central venous access device for haemodialysis, apheresis, and infusion.

## 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

| 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 |

INDICATIONS: Short-term central venous access device for haemodialysis, apheresis, and infusion.





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

- Larger Double-D™* lumen design optimises 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 minimising 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 visualisation

## 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 |

INDICATIONS: Short-term central venous access device for haemodialysis, apheresis, and infusion.

## 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 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 |

INDICATIONS: Short-term central venous access device for haemodialysis, apheresis, and infusion.

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 minimising 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 priming volumes on catheter extensions quickly identify catheter locking volumes.
- 180° curved extensions help stabilise the catheter and provide patient comfort.
- Rotatable suture wings enable the tip to be rotated after implantation and stabilises 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 | |
| **Curved Extension** | | | | | |
| 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 |
| **Straight Extension** | | | | | |
| 8888340629HP | 20cm | 1.5 | 1.6 | 0.5 | 5 |
| 8888340637HP | 24cm | 1.7 | 1.7 | 0.5 | 5 |

INDICATIONS: Short term central venous access for haemodialysis, apheresis, infusion, central venous pressure monitoring and pressure injection of contrast media. The maximum recommended infusion rate is 5 mL/sec for power injection of contrast media.



Dialysis – Acute Vascular Access

## 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 |

INDICATIONS: Swift, temporary access for acute haemodialysis. The flexible tubing permits percutaneous insertion into subclavian, jugular, and femoral veins.

## 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 |

INDICATIONS: Swift, temporary access for acute haemodialysis. The flexible tubing permits percutaneous insertion into subclavian, jugular, and femoral veins.

## Palindrome™ H–Heparin Coated Dialysis Catheter

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

## 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 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 |
|---|---|---|---|---|---|---|
| 8888145043C | Straight | 19cm | 36cm | 1.6 | 1.6 | 5 |
| 8888145044C | Straight | 23cm | 40cm | 1.9 | 1.9 | 5 |
| 8888145045C | Straight | 28cm | 45cm | 2.1 | 2.1 | 5 |
| 8888145046C | Straight | 33cm | 50cm | 2.3 | 2.3 | 5 |

INDICATIONS: The Palindrome™ H 14.5 Fr/Ch Chronic Haemodialysis Catheter with heparin coating is intended for haemodialysis, apheresis, and infusion. The advantage of the heparin coating on this catheter in reducing platelet adhesion to the catheter surface was supported by bench and animal testing. It may be inserted either percutaneously or by cutdown.

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

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

## 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 |
|---|---|---|---|---|---|
| 8888145057C | 19cm | 36cm | 1.6 | 1.6 | 5 |
| 8888145048C | 23cm | 40cm | 1.9 | 1.9 | 5 |
| 8888145049C | 28cm | 45cm | 2.1 | 2.1 | 5 |
| 8888145050C | 33cm | 50cm | 2.3 | 2.3 | 5 |

INDICATIONS: The Palindrome™ HSI 14.5 Fr/Ch chronic catheter with heparin coating silver ion subcutaneous sleeve is intended for acute and chronic haemodialysis, apheresis, and infusion. It may be inserted either percutaneously or by cutdown. The advantage of the heparin coating on this catheter in reducing platelet adhesion to the catheter surface is supported by bench and animal testing. The performance of the silver impregnated sleeve in reducing colonisation on the catheter surface for up to 30 days is supported by bench and animal testing.





## Palindrome™ Symmetric Tip Dual Lumen Catheter Kits

Tal VenaTrac™ Over-the-Wire Insertion Stylets

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

| 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 Tal VenaTrac™ Insertion Stylets** | | | | | |
| 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 |

INDICATIONS: Acute and chronic haemodialysis, apheresis, and infusion. It may be inserted either percutaneously or by cutdown. Catheters greater than 40 cm implant length are indicated for femoral insertion.

## 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 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 Tal VenaTrac™* insertion stylets | | | | | |

INDICATIONS: Acute and chronic haemodialysis, apheresis, and infusion. It may be inserted either percutaneously or by cutdown. Catheters greater than 40 cm implant length are indicated for femoral insertion. The performance of the silver impregnated sleeve in reducing colonisation on the catheter surface for up to 30 days was supported by bench and animal testing.

## 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 |

INDICATIONS: Acute and chronic haemodialysis, apheresis, and infusion. It may be inserted either percutaneously or by cutdown. Catheters greater than 40 cm implant length are indicated for femoral insertion.

## 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. | | |

INDICATIONS: Use the Palindrome™ RT (reverse-tunneled) catheter repair kit to repair the hub/back end assembly (extension tubing, luer adapter(s) or clamp(s)) or to repair the hub snap connector component(s). A repair can only be made if the tubing length between the hub snap connector and the exit site is a minimum of 5.5 cm.





## MAHURKAR™* 14.5Fr Dual Lumen Catheter Kits

Sterile Contents:
- (1) 14.5Fr Catheter
- (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 | 1.9 | 1.9 | 5 |
| 8888145253 | 28cm | 45cm | 2.0 | 2.1 | 5 |
| 8888145254 | 33cm | 50cm | 2.2 | 2.3 | 5 |

INDICATIONS: Acute and chronic haemodialysis, apheresis, and infusion. It may be inserted either percutaneously or by cutdown.

## 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) Measurment 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. | | |

INDICATIONS: Use to repair the external extension tubing, luer adapter or clamp of a haemodialysis catheter manufactured by Covidien. Do not use this kit to repair a catheter if the damaged portion of the extension tubing is more than 0.5 cm away from the distal end of the luer adapter.

## 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 14.5Fr | 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 |

INDICATIONS: Acute and chronic haemodialysis, apheresis, and infusion. They are inserted percutaneously or by single-site or two-site insertion technique. The preferred insertion site is the internal jugular vein.

## 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.







## 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 |

INDICATIONS: Acute and chronic haemodialysis, apheresis, and infusion. It may be inserted either percutaneously or by cutdown.

## 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 |

INDICATIONS: Acute and chronic haemodialysis, apheresis, and infusion. It may be inserted either percutaneously or by cutdown.

## 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 |

INDICATIONS: Acute and chronic hemodialysis, apheresis, and infusion. It may be inserted either percutaneously or by cutdown.

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.

## 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 |

INDICATIONS: Acute and chronic haemodialysis, apheresis, and infusion. It may be inserted either percutaneously or by cutdown.





## Argyle™ Swan Neck Peritoneal Catheters

### 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 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis and intraperitoneal chemotherapy.

### 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 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis.

### 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 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis.

### 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 |

INDICATIONS: The Moncrief-Popovich catheter is indicated for chronic peritoneal dialysis.

# Argyle™ Swan Neck Peritoneal Catheters

## 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.

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis.

## Argyle™ Swan Neck Tenckhoff Peritoneal Catheter

| Code | Catheter Description | Ship Case |
|---|---|---|
| 8888412007 | Swan Neck Tenckhoff Catheter 2 Cuff Left, 43cm | 1 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis and intraperitoneal chemotherapy.

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

| 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 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis.

## 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 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis.





## Argyle™ Curl Cath Peritoneal Catheter — 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 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis and intraperitoneal chemotherapy.

## Argyle™ Curl Cath Peritoneal Catheter — One Cuff

| Code | Catheter Description | Ship Case |
|---|---|---|
| 8811313014 | Curl Cath, Curled, 57cm | 1 |
| 8811313013 | Curl Cath, Curled, 60cm | 1 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis and intraperitoneal chemotherapy.

## Argyle™ Tenckhoff Peritoneal Catheter — 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 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis and intraperitoneal chemotherapy.

## Argyle™ Tenckhoff Peritoneal Catheter — 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 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis and intraperitoneal chemotherapy.

# Argyle™ Swan Neck Peritoneal Catheters

## 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 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis and intraperitoneal chemotherapy.

## 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 |

INDICATIONS: The peritoneal catheter is indicated for acute and chronic peritoneal dialysis and intraperitoneal chemotherapy.





# 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.

# Argyle™ Swan Neck Peritoneal Catheters

## Argyle™ Pull-Apart Introducer Set with PTFE

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

| Code | Description | Ship Case |
|---|---|---|
| 8815544010 | 16Fr Pull-Apart Introducer Set* | 5 |

*Made with PolyTetra FluoroEthylene (PTFE)

## Argyle™ Pull-Apart Introducer Sets

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



Dialysis - 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 haemodialysis 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™ Peritoneal Tunneling Stylet

- Made of pliable stainless steel
- Can be bent to create customised, 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™ 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 |

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