



# EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

**No.** CE 616020  
**Issued To:** **Medical Components, Inc.**  
**dba Medcomp**  
**1499 Delp Drive**  
**Harleysville**  
**Pennsylvania**  
**19438**  
**USA**

In respect of:

**Design, Development and manufacture of sterile power injectable implantable infusion ports, sterile short-term and long-term haemodialysis catheters, peritoneal dialysis catheters, sterile short-term and long-term Peripherally Inserted Central Vein Catheters (PICCs), sterile long-term infusion catheters (CVCs), Sterile Peripherally Inserted Midline Catheters for intravenous therapies, blood sampling and power injection of contrast media, short-term infusion catheters, sterile short-term infusion sets, catheter locking solutions, and accessories for short-term and long-term haemodialysis, dialysis, short-term and long-term infusion devices and short-term and long-term vascular access catheters.**

on the basis of our examination of the quality assurance system under the requirements of Council Directive 93/42/EEC, Annex II excluding section 4. The quality assurance system meets the requirements of the directive. For the placing on the market of class III products an Annex II section 4 certificate is required.

For and on behalf of BSI, a Notified Body for the above Directive (Notified Body Number 2797):

Gary E Slack, Senior Vice President Medical Devices

First Issued: **2015-05-15**

Date: **2021-05-13**

Expiry Date: **2024-05-26**

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Validity of this certificate is conditional on the quality system being maintained to the requirements of the Directive as demonstrated through the required surveillance activities of the Notified Body. This approval excludes all products designed and/or manufactured by a third party on behalf of the company named on this certificate, unless specifically agreed with BSI.  
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# EC Certificate - Full Quality Assurance System

## Supplementary Information to CE 616020

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<b>Class III</b>	
<b>Device Name</b>	<b>Intended Purpose Per IFU</b>
Symetrex Long Term Hemodialysis Catheter	See CE 653207
Dignity Dual Port	See CE 640747
Split Cath Long Term Hemodialysis Catheter	See CE 616022
Step Tip Long Term Hemodialysis Catheter	See CE 616077
Tesio Long Term Hemodialysis Catheter	See CE 658964
Hemodialysis Catheter Repair Kit	See CE 658965
Dignity, Profuse and Jet CT Ports	See CE 662596
Pro-Line and Vascu-Line CVC Infusion Catheters	See CE 662598
LT Silicone CVC Infusion Catheters	See CE 662601
Pro-PICC, Valved Pro-PICC and Jet-PICC	See CE 662604
Vascu-PICC and Valved Vascu-PICC	See CE 662605
Hemo-Cath Long Term Hemodialysis Catheter	See CE 663428
Jet-Flow XF Long Term Hemodialysis Catheter	See CE 678677

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<b>Class IIb</b>		
<b>GMDN Code</b>	<b>Device or Generic Device Group</b>	<b>Intended Purpose per IFU</b>
47085	Catheter – Peritoneal Dialysis	The Medcomp PD Catheters are indicated for acute and chronic peritoneal dialysis.
61840	Catheter Locking Solutions	Maintain patency of Hemodialysis Catheters.

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Class IIa		
NBOG Code	Device or Device Subcategory	Intended Purpose
MD0102	Infusion Sets	N/A
MD0102	Midline Catheters	N/A
MD0102	Short Term Haemodialysis Catheters and accessories	N/A
MD0106	Tunnelers	N/A
MD0106	Stylets	N/A
MD0106	Dilators and Sheaths	N/A
MD0106	Needles	N/A
MD0106	Luers and Adaptors	N/A
MD0106	Introducers	N/A
MD0106	Micro Stick Introducer Set	N/A

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# EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

## List of Significant Subcontractors

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<b>Subcontractor:</b>	<b>Service(s) supplied</b>
Cosmed Group, Inc. dba Cosmed of NJ 19 Park Drive Franklin New Jersey 07416 USA	<b>ETO Sterilization</b>
HD Surgical – Spurrier Medical a Division of Harwood Design, Inc. 1507 Clyde Waite Drive Bristol Pennsylvania 19007 USA	<b>Crucial Supplier</b>
Isomedix Operations Inc. 43425 Business Park Drive Temecula California 92590 USA	<b>ETO Sterilization</b>

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<b>Subcontractor:</b>	<b>Service(s) supplied</b>
Isomedix Operations, Inc. 9 Apollo Drive Whippany New Jersey 07981 USA	<b>Radiation (Gamma Sterilization)</b>
Martech Medical Products S. de R.L. de C.V. Calle Mercurio N 46 Parque Industrial Mexicali 1 Mexicali Baja California C.P. 21210 Mexico	<b>Manufacture Packaging</b>
MPS Medical Product Service GmbH Borngasse 20 Braunfels 35619 Germany	<b>EU Representative</b>

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<b>Subcontractor:</b>	<b>Service(s) supplied</b>
Point Medical Corporation 891 East Summit Street Crown Point Indiana 46307 USA	<b>Crucial Supplier</b>
Sterigenics US, LLC 5725 W. Harold Gatty Drive Salt Lake City Utah 84116 USA	<b>ETO Sterilization</b>

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Date	Reference Number	Action
15 May 2015	8177168	First Issue.
11 September 2015	8360908	Addition of significant subcontractors; The Electronic Assembly Company for Manufacture, Martech East for Manufacture, VPI Technology Group for software, and Lextech Global Services for software.
14 July 2016	8410522	Expanded certificate scope to include sterile power injectable implantable infusion ports. Addition of Centurion Medical Products as significant subcontractor for ETO Sterilisation.
05 September 2016	8555366	Removal of subcontractor Nostix, LLC, Colorado, USA.

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Date	Reference Number	Action
04 October 2016	8535863	Extension to scope to include sterile long term hemodialysis catheters. Addition of subcontractors Pelham Plastics, Pelham NH 03076; Medron, Inc., Salt Lake City, UT 84104; Galt Medical Corp, Garland, TX 75041, Greatbatch Medical, Minneapolis, MN 55441; all for the activity of Crucial supplier. Additional of subcontractors Phase 2 Medical Manufacturing, Inc., Rochester NH 03867 for the activity of Secondary packaging, iuvo BioScience, Erie, PA 16510 for the activity of ETO sterilization.
16 August 2017	8747861	Removal of subcontractor iuvo BioScience. Addition of subcontractor Martech Medical Products for the activity of packaging. Addition of subcontractor North American Sterilization Packaging Company for the activity of ETO Sterilization.
17 November 2017	8576505	Addition of manufacture to the services supplied by Martech Medical Products. Addition of peritoneal dialysis catheters to the scope. Subcontractor Martech Medical name correction.

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Date	Reference Number	Action
23 February 2018	8898159	Remove Phase 2 Medical Manufacturing, Inc from subcontractor list. Change subcontractor name from North American Sterilization Packaging Company to Cosmed.
11 October 2018	8886900	Extension to scope to include; sterile short and long term Peripherally Inserted Central Vein Catheters (PICCs), short and long term sterile infusion catheters (CVCs), sterile short term infusion sets, catheter locking solutions.  Removal of subcontractor Martech Medical Products (1500 Delp Drive, US) for the activity of Manufacture.  Addition of subcontractor Steris (Isomedix Operations, Inc. 9 Apollo Drive Whippany US) for the activity of Gamma Sterilization.
26 February 2019	8958818	Traceable to NB 0086.

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Date	Reference Number	Action
21 October 2019	9714917	<p>Transfer error correction: Amendment of Scope statement to update devices that were incorrectly added to the Full Quality Assurance Certificate issued by previous Notified Body and aligned devices and suppliers with the correct certificates.</p> <p>Administrative update to product table format and clarified products per updates to scope statement above as follows:</p> <ul style="list-style-type: none"> <li>▪ Add devices to the IIa Table from CE 616021: Midline Catheters, Short Term Haemodialysis Catheters and Accessories, Tunnelers, Suture Wings, Stylets, Dilators and Sheaths, Needles, Luers and Adaptors, Introducers, Clamps, Connectors, Anchoring Sleeves, and Micro Stick Introducer Set.</li> <li>▪ Add device to Is Table: Tourniquet (Silicone).</li> <li>▪ Add Intended Purpose for each device in IIa and Is Tables.</li> </ul> <p>Updated NBOG code for Catheter Locking Solutions from MDS 7001 to MD 0106 per manufacturer.</p> <p>Updated Scope Statement to remove "short-term" infusion catheters (CVC's) due to product discontinuation.</p>

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Date	Reference Number	Action
21 October 2019 (continued)	9714917	<p>Updated suppliers:                      Added HD Surgical -- Spurrier Medical a Division of Harwood Design, Inc.-Bristol PA, Martech Medical Products-Baja California, Mexico, Point Medical-Crown Point IN, Isomedix Operations-Whippany NJ, and Isomedix Operations, Inc. Temecula, CA.</p> <p>Updated Name for HD Surgical (Tecomet) to HD Surgical – Spurrier Medical a Division of Harwood Design, Inc.</p> <p>Removed Galt Medical-Garland TX, Greatbatch Inc.-Minneapolis MN, Industrie Borla-Italy, Martech Medical Products-Harleysville PA, Medron Inc.-Salt Lake City UT, and Southmedic Inc.-Canada.</p>

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Date	Reference Number	Action
27 April 2020	9773903	Certificate Renewal. Update Lextech address to 3025 Highland Pkwy Suite 275. Update Sterigenics US, LLC name at 5725 West Harold Gatty Drive location. Update device table format to remove indications for use from IIa and Is. Correct Class III device name listings to align with design exam certificate scopes. Correct classification of Catheter Locking Solutions to IIb. Correct GMDN code of Peritoneal Dialysis Catheters to 47085. Correct device tables to remove Suture Wings, Clamps, Connectors, Anchoring Sleeves and Tourniquet (Silicone). Correct class Is device table to include ECG Accessory Packs as per scope. Correct prior certificate history entry 9714917 to indicate the addition of Isomedix Operations, Inc. Temecula, CA.
17 June 2020	3152698	Remove Centurion as EtO sterilization supplier. Updated scope of CE 662604 to include the Jet-PICC.
17 September 2020	3221763	Remove Pelham Plastics Inc. as Crucial Supplier.

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Date	Reference Number	Action
13 May 2021	3442623	Remove ECG tip positioning system (Class IIb) and ECG accessories (Class Is) from device tables and scope. Remove Lextech Global Services and VPI Technology Group as crucial suppliers. Remove The Electronics Assembly Company as critical subcontractor.
<b>Non-significant changes approved after the 26th May 2021 as per the Transitional Provisions of MDR Article 120.3</b>		
10 September 2021	3508453	Remove "Dignity Dual Port" (CE 640747) from the Device Table.

10 September 2021

Medical Components, Inc.  
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USA

To whom it may concern,

The transitional provisions specified in MDR Article 120(3) prohibit Notified Bodies from issuing new certificates or amending, modifying, supplementing any existing MDD/AIMDD certificates from 26<sup>th</sup> May 2021.

This letter is to confirm that BSI has reviewed and approved the change(s) detailed in the table below. These changes do not represent a significant change in design or intended purpose under MDR Article 120(3) and as per the guidance provided in MDCG 2020-3. The related MDD certificate specified below remains valid until the expiry date specified on the certificate.

<b>Certificate</b>	<b>Directive and Annex</b>	<b>Reference Number</b>	<b>Changes approved</b>
CE 616020	93/42/EEC Annex II excluding Section 4	3508453	Remove "Dignity Dual Port" (CE 640747) from the Device Table.

Should you have any queries concerning your certification, or if we can be of further assistance to you, please contact your BSI Scheme Manager.

Yours sincerely,



Gary Slack  
Senior Vice President, Medical Devices

# EC Certificate - Production Quality Assurance

Directive 93/42/EEC on Medical Devices, Annex V

**No.** CE 616021  
**Issued To:** **Medical Components, Inc.**  
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**Harleysville**  
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**USA**

In respect of:

**Manufacture of accessories of short-term and long-term vascular access catheters and accessories for short-term and long term haemodialysis, dialysis and short-term and long-term infusion devices.**  
**Those aspects of Annex V concerned with securing and maintaining sterile conditions of class Is accessories.**

on the basis of our examination of the quality assurance system under the requirements of Council Directive 93/42/EEC, Annex V. The quality assurance system meets the requirements of the directive. For the placing on the market of class IIb and class III products an Annex III certificate is required.

For and on behalf of BSI, a Notified Body for the above Directive (Notified Body Number 2797):



Gary E Slack, Senior Vice President Medical Devices

First Issued: **2016-08-11**

Date: **2020-06-17**

Expiry Date: **2024-05-26**

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Number	Device Name	Intended purpose per IFU
<b>Class IIa</b>		
MD0106	Dilators and Sheaths	To widen the vessel prior to catheter insertion to allow easy passage to target vein.
MD0106	Guidewires	To act as a "path" for vessel dilators, holds access to the vein and helps with catheter tip positioning and to measure the length of the catheter for ideal placement.
MD0106	Introducers	To enable vascular access.
MD0106	Needles	To gain access to selected vein and for the percutaneous introduction of guidewires.
MD0106	Picks	Instrument designed to facilitate catheter placement into vessel.
MD0106	Caps and Plugs	To keep clean and protect catheter luer between treatments.
MD0106	Clamps	To temporarily occlude a catheter.

First Issued: **2016-08-11**

Date: **2020-06-17**

Expiry Date: **2024-05-26**

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Information and Contact: BSI, Say Building, John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands Tel: + 31 20 346 0780

BSI Group The Netherlands B.V. registered in The Netherlands under 33264284.

A member of BSI Group of Companies.

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Number	Device Name	Intended purpose per IFU
<b>Class IIa</b>		
MD0106	Scalpels	A cutting device during surgical, pathology and minor medical procedures.
MD0106	Stylets	To facilitate catheter insertion.
MD0302	Sutures	To secure catheter.
MD0102	Syringes	To inject fluids into or withdraw fluids.
MD0106	Tearaway	To enable vascular access.

First Issued: **2016-08-11**

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Number	Device Name	Intended purpose per IFU
<b>Class Is</b>		
MD 0100	Tourniquets	A constricting or compressing device used to control venous and arterial circulation to an extremity for a period of time.
MD 0301	Dressings	Adhesive wound dressing intended to protect the catheter from contamination when not in use.
MD 0106	Scissors	A cutting device for the catheter.
MD 0100	Drapes	To preserve sterility of the catheter during repair or insertion.
MD 0106	Anchoring Devices	Stabilization device for compatible winged catheters.
MD 0100	Wraps	Kits are placed in a CSR wrap to help maintain the sterility of the products inside.
MD 0301	Gauzes	Intended to soak up blood or fluid that may be on or around the catheter insertion site during catheter placement.

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# EC Certificate - Production Quality Assurance

Directive 93/42/EEC on Medical Devices, Annex V

## List of Significant Subcontractors

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<b>Subcontractor:</b>	<b>Service(s) supplied</b>
Bard Access Systems, Inc. 605 North 5600 West Salt Lake City Utah 84116 USA	<b>Crucial Supplier</b>
Becton Dickinson & Co. North American Shared Services Center 5859 Farinon Drive, Suite 200 San Antonio TX 78249 USA	<b>Crucial Supplier</b>
Cosmed Group, Inc. dba Cosmed of NJ 19 Park Drive Franklin New Jersey 07416 USA	<b>ETO Sterilization</b>

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<b>Subcontractor:</b>	<b>Service(s) supplied</b>
Galt Medical Corp 2220 Merritt Drive Garland, TX 75041 USA	<b>Crucial Supplier</b>
Guangdong Baihe Medical Technology Co., Ltd No 89 Taoyuan East Road Nanhai, Foshan 528225 Guandong Province China	<b>Crucial Supplier</b>
Heraeus Components SRL Parque Industrial Zona Franca La Lima Guadalupe Building 29 Cartago 30106 Costa Rica	<b>Crucial Supplier</b>

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<b>Subcontractor:</b>	<b>Service(s) supplied</b>
ICU Medical, Inc. 951 Calle Amanecer San Clemente California 92673 USA	<b>Crucial Supplier</b>
Isomedix Operations Inc. 43425 Business Park Drive Temecula California 92590 USA	<b>ETO Sterilization</b>
Lake Region Medical 340 Lake Hazeltine Drive Chaska Minnesota 55318 USA	<b>Crucial Supplier</b>

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Martech Medical Products S. de R.L. de C.V. Calle Mercurio N 46 Parque Industrial Mexicali 1 Mexicali Baja California C.P. 21210 Mexico	<b>Manufacture</b>
Medline Industries, Inc. Three Lakes Drive Northfield Illinois 60093 USA	<b>Crucial Supplier</b>
Micro Moldings, Inc. 65 Howard Street Phillipsburg New Jersey 08865 USA	<b>Crucial Supplier</b>

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<b>Subcontractor:</b>	<b>Service(s) supplied</b>
MPS Medical Product Service GmbH Borngasse 20 Braunfels 35619 Germany	<b>EU Representative</b>
Neomedical Inc. 1375 Greg Street #108 Sparks Nevada 89431 USA	<b>Crucial Supplier</b>
Qosina Corporation 2002-Q Orville Drive North Ronkonkoma New York 11779 USA	<b>Crucial Supplier</b>

...making excellence a habit.™

# EC Certificate - Production Quality Assurance

Directive 93/42/EEC on Medical Devices, Annex V

## List of Significant Subcontractors

Recognised as being involved in services relating to the product covered by:

Certificate No: **CE 616021**  
 Date: **2020-06-17**  
 Issued To: **Medical Components, Inc.**  
**dba Medcomp**  
**1499 Delp Drive**  
**Harleysville**  
**Pennsylvania**  
**19438**  
**USA**

<b>Subcontractor:</b>	<b>Service(s) supplied</b>
Sklar Instruments 889 South Matlack Street West Chester Pennsylvania 19382 USA	<b>Crucial Supplier</b>
Southmedic Inc. 50 Alliance Blvd Barrie Ontario L4M 5K3 Canada	<b>Crucial Supplier</b>
Sterigenics US, LLC 5725 West Harold Gatty Drive Salt Lake City Utah 84116 USA	<b>ETO Sterilization</b>

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Directive 93/42/EEC on Medical Devices, Annex V

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**Harleysville**  
**Pennsylvania**  
**19438**  
**USA**

<b>Subcontractor:</b>	<b>Service(s) supplied</b>
Surgical Specialties Mexico, S.DE R.L. DE C.V. also trading as Surgical Specialties Corporation Corredor Tijuana-Rosarito 2000, #24702-B, Ejido Francisco Villa, Tijuana, B.C., C.P., 22235 Mexico	<b>Crucial Supplier</b>
Teleflex Medical, Inc. 50 Plantation Drive Jaffrey New Hampshire 03452 USA	<b>Crucial Supplier</b>
TIDI Products, LLC 570 Enterprise Drive Neenah Wisconsin 54956 USA	<b>Crucial Supplier</b>

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**Harleysville**  
**Pennsylvania**  
**19438**  
**USA**

**Subcontractor:**

**Service(s) supplied**

Viscot Medical, LLC  
32 West Street  
East Hanover  
New Jersey  
07936  
USA

**Crucial Supplier**

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# EC Certificate - Production Quality Assurance Certificate History

Certificate No: **CE 616021**  
 Date: **2020-06-17**  
 Issued To: **Medical Components, Inc.  
 dba Medcomp  
 1499 Delp Drive  
 Harleysville  
 Pennsylvania  
 19438  
 USA**

Date	Reference Number	Action
11 August 2016	8177222	First issue.
02 November 2016	8623845	Addition of subcontractor North American Sterilization Packaging Company, Franklin, USA for the activity of ETO Sterilisation.
26 October 2018	9664323	Extension to scope to include: Short Term Haemodialysis Catheter and accessories, Short Term Infusion Catheters and Accessories and Accessories for Acute and Long-Term Vascular Access Catheters and Those aspects of Annex V concerned with securing and maintaining sterile conditions of class Is accessories. Addition of the Accessories Critical Suppliers in Subcontractor list.
26 February 2019	8958818	Traceable to NB 0086.

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Page 1 of 4

Validity of this certificate is conditional on the quality system being maintained to the requirements of the Directive as demonstrated through the required surveillance activities of the Notified Body. This approval excludes all products designed and/or manufactured by a third party on behalf of the company named on this certificate, unless specifically agreed with BSI.

This certificate was issued electronically and is bound by the conditions of the contract.

Information and Contact: BSI, Say Building, John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands Tel: + 31 20 346 0780

BSI Group The Netherlands B.V. registered in The Netherlands under 33264284.

A member of BSI Group of Companies.

# EC Certificate - Production Quality Assurance Certificate History

Certificate No: **CE 616021**  
 Date: **2020-06-17**  
 Issued To: **Medical Components, Inc.  
 dba Medcomp  
 1499 Delp Drive  
 Harleysville  
 Pennsylvania  
 19438  
 USA**

Date	Reference Number	Action
21 October 2019	9714913	<p>Transfer error correction: Amendment of Scope statement to update devices that were incorrectly added to the Production Quality Assurance Certificate issued by previous Notified Body and aligned devices and suppliers with the correct certificates.</p> <p>Administrative update to product table format, clarified products per updates to scope statement above as follows:</p> <ul style="list-style-type: none"> <li>▪ Rename device in the IIa Table: Tearaway (was Valved Tearaways).</li> <li>▪ Remove devices from the IIa Table: Midline Catheter (to CE 616020), Short Term Infusion Catheter and Accessories (Discontinued), Short Term Haemodialysis Catheter and Accessories (To CE 616020), Adaptors (Included with Luers and Adaptors), Extension Sets (in scope of CE 616022), Luers and Adaptors (to CE 616020), Connectors (to CE 616020), Surgical Gloves (Discontinued), Tunnelers (to CE 616020), 3-Way Stopcock (Discontinued), Micro Stick Introducer Set (to CE 616020), Valves (Included with Tearaways).</li> <li>▪ Move devices from Class Is to Class IIa Table: Caps and Plugs, Clamps.</li> <li>▪ Add Intended Purpose for each device in IIa and Is Tables.</li> </ul>

# EC Certificate - Production Quality Assurance Certificate History

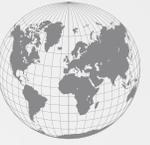
Certificate No: **CE 616021**  
 Date: **2020-06-17**  
 Issued To: **Medical Components, Inc.  
 dba Medcomp  
 1499 Delp Drive  
 Harleysville  
 Pennsylvania  
 19438  
 USA**

Date	Reference Number	Action
21 October 2019 (continued)	9714913	<p>Updated suppliers:                      Added Heraeus Components SRL-Costa Rica, Micro Molding Inc.-NJ, Qosina Corporation-NY, Isomedix Operations-Temecula CA, Surgical Specialties Corporation-Mexico, TIDI Products LLC-WI, and Viscot Medical LLC-NJ.</p> <p>Updated Name from Steris Isomedix Operations to Isomedix Operations, Inc.</p> <p>Updated Address for Becton Dickinson to San Antonio TX.</p> <p>Removed B. Braun Medical PA, Greatbatch Inc MN, Halkey-Roberts Corp. FL, HD Surgical-Spurrier Medical-a Division of Harwood Design Inc. PA, Heraeus Components LLC MN, Industrie Borla Inc. Italy, Medron Inc. UT, PHS Medical GmbH Germany, and Spectra Medical Devices Inc MA.</p>
23 April 2020	3061343	<p>Certificate Renewal.                      Corrected subcontractor addresses for: Micro Moldings, Surgical Specialties, TIDI Products</p>

# EC Certificate - Production Quality Assurance Certificate History

Certificate No: **CE 616021**  
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dba Medcomp  
1499 Delp Drive  
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19438  
USA**

Date	Reference Number	Action
Current	3152698	Remove Centurion as EtO sterilization supplier.



DIALYSIS & VASCULAR ACCESS PRODUCTS









## DIALYSIS & VASCULAR ACCESS PRODUCTS

### About Medcomp

**m**edcomp® develops, manufactures, markets and supports cutting-edge vascular access devices and accessories to meet the clinical needs of the medical industry, particularly in the vascular access field. Our company's engineering and applications expertise provides superior products whose progressive designs accommodate advances in medicine and whose quality anticipates the requirements of our professional clients and the patients they serve. Currently one of the world's largest manufacturers of dialysis and centrally terminating venous catheters, Medcomp is, and always has been, on the cutting edge of new vascular access device technologies.

### Message to the Customers

In everything we do, from research and development to manufacturing, packaging, delivery and support, our first consideration is the patient. It is vitally important to us that, regardless of age, socio-economic status or type of healthcare treatment required, that every patient receives the best that Medcomp can provide. We dedicate ourselves to supplying the highest quality, innovation and customer service with every device we sell.

### Our History

Medcomp was founded in 1978 to manufacture and market vascular access catheters for acute hemodialysis. At that time catheter designs were simple, consisting of a single lumen catheter for single-needle dialysis or double lumen catheters for continuous-flow dialysis. As the need for new products grew with the advent of increasingly complex procedures, Medcomp emerged as a premier developer of innovative devices using our in-house staff of engineers working

in conjunction with some of the preeminent physicians in the field of nephrology and vascular access.

Building on our pioneering Tesio®, Split Cath® and Duo-Flow® products, Medcomp continues to dominate the market in both new and proven dialysis, interventional and accessory devices. Today our contributions to the medical devices field total more than 75 product lines and thousands of distinct products.

In order to better support our professional clients, we began a successful transition in 2006 from a distributor-based sales system to a dedicated sales force populated by highly skilled, clinically trained sales professionals. Medcomp is and will continue to be a stable, financially sound, privately held company wholly dedicated to the satisfaction of patients, its customers and its employees at every level.

### Development & Production

Medcomp's reputation and growth can be attributed to our diversely disciplined group of engineers specializing in biomedical and mechanical engineering, collaboration with esteemed professionals, and readiness to listen to suggestions and comments from members of the medical community. By continually improving on existing technology, Medcomp is able to provide a catheter to suit every medical requirement while also considering the patient's comfort. Patients, physicians and nurses can rely on a Medcomp device to do its job and help make any treatment a more successful one.

All Medcomp products are developed in accordance with all FDA Quality Systems Regulations, European Medical Device Directives (CE), Japanese GMPI and numerous other international regulations and standards to ensure safety and performance. Medcomp is ISO 13485:2016 and MDSAP certified by BSI Assurance UK Limited, maintains certification to Annex II as defined in Medical Device Directive 93/42 EEC, and is certified by BSI Group The Netherlands N.V. We are audited regularly.

<b>SECTION 1</b>	<b>LONG TERM</b>		<b>SECTION 5</b>	<b>CVCs</b>	
	Split Cath® III . . . . .	3		Pro-Line® . . . . .	49
	Split Stream® . . . . .	5		Vascu-Line® . . . . .	51
	Hemo-Flow® . . . . .	6		CVC Catheter . . . . .	52
	Hemo-Flow® XF . . . . .	7	<b>SECTION 6</b>	<b>PORTS</b>	
	Hemo-Cath® LT . . . . .	8		Dignity® CT . . . . .	55
	Tesio® . . . . .	9		Dignity® Mini . . . . .	57
	Symetrex® . . . . .	11		Dignity® Titanium . . . . .	58
	Titan™ HD . . . . .	13		Dignity® Dual . . . . .	59
	Eschelon . . . . .	14		Pro-Fuse® CT . . . . .	60
				Direct Micropuncture Ports . . . . .	61
<b>SECTION 2</b>	<b>SHORT TERM</b>		<b>SECTION 7</b>	<b>PERITONEAL</b>	
	Duo-Split® . . . . .	17		V-Series . . . . .	65
	Hemo-Cath® ST . . . . .	19		I-Series . . . . .	67
	Duo-Flow® . . . . .	20		X-Series . . . . .	68
	Duo-Flow® III . . . . .	21	<b>SECTION 8</b>	<b>ACCESSORIES</b>	
	Duo-Flow® Soft-Line® . . . . .	22		Micro-Stick® . . . . .	71
	Duo-Flow® Side X Side . . . . .	23		Tearaway Micro Introducer . . . . .	73
	Duo-Flow® 400XL . . . . .	24		Super Sharp	
	Free-Flow® ST . . . . .	25		Introducer Needles . . . . .	73
	Trio-CT® . . . . .	26		Introducer Needle . . . . .	73
	T-3® CT . . . . .	27		Sheath Dilators . . . . .	74
	Tri-Flow . . . . .	28		Dilators . . . . .	75
	Femoral . . . . .	29		Guidewire Syringe . . . . .	75
	Subclavian . . . . .	29		Guidewires . . . . .	76
				Repair Kit . . . . .	76
				Trocars & Tunnelers . . . . .	77
<b>SECTION 3</b>	<b>PICCs</b>		<b>SECTION 9</b>	<b>CATHETER LOCK SOLUTION</b>	
	Pro-PICC® . . . . .	33		DuraLock-C® . . . . .	81
	Vascu-PICC® . . . . .	35			
	Vascu-PICC® TL . . . . .	36			
	Vascu-PICC® TLS . . . . .	37			
	Valved Pro-PICC® . . . . .	39			
	Valved Vascu-PICC® . . . . .	39			
<b>SECTION 4</b>	<b>MIDLINE</b>				
	CT Midline . . . . .	43			
	Arch-Flo™ CT Midline . . . . .	45			

## ORDERING INFO & POLICIES

## IMPORTANT RISK INFORMATION

### SPLIT CATH® III

**Indications for Use:** The Medcomp® Split Cath® III is indicated for use in attaining Long-Term vascular access for hemodialysis and apheresis in the adult population. It may be inserted percutaneously and is primarily placed in the internal jugular vein. Alternate insertion sites include the subclavian vein and inferior vena cava as required. Catheters greater than 40cm are intended for femoral vein or inferior vena cava insertion. Translumbar insertion via inferior vena cava is indicated when all other access sites are identified as non-viable.

### SPLIT CATH® WITHOUT SIDEHOLES

**Indications for Use:** The Medcomp® Split Cath® III is indicated for use in attaining Long-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein. Alternate insertion sites include the subclavian vein. Catheters greater than 40cm are intended for femoral vein insertion.

### SPLIT CATH® III, SPLIT CATH® WITHOUT SIDEHOLES

**Contraindications:** This catheter is intended for Long-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

### SPLIT STREAM®

**Indications for Use:** The Medcomp® Split Stream® is indicated for use in attaining Long-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein. Alternate insertion sites include the subclavian vein. Catheters greater than 40cm are intended for femoral vein insertion.

**Contraindications:** This catheter is intended for Long-Term vascular access only and should NOT be used for any purpose other than indicated in these instructions. To maintain peak performance of the Split-Stream® extension set, it is recommended that the extension set be replaced every 6 months.

### SYMETREX®

**Indications for Use:** The Symetrex® Long Term Hemodialysis Catheter is a symmetric tip dual lumen catheter designed for chronic hemodialysis. It may be inserted percutaneously. Catheters with greater than 37 cm implant length are indicated for femoral placement.

**Contraindications:** Do not use this catheter in thrombosed vessels or for subclavian puncture when ventilator is in use. This device is contraindicated whenever: Used for any purpose other than indicated in these instructions. The presence of other device related infection, or septicemia is known or suspected. Severe chronic obstructive lung disease is present. Tissue factors in the localized area of device placement will prevent proper device stabilization and/or access. Venous thrombosis or vascular surgical procedures have occurred at the prospective placement site. Post irradiation of prospective insertion site.

### HEMO-FLOW®/ HEMO-FLOW® XF

**Indications for Use:** The Hemo-Flow® and Hemo-Flow® XF Catheters are indicated for use in attaining Long-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of an adult patient. Alternate insertion sites include subclavian vein as required. Catheters greater than 40cm are intended for femoral vein insertion.

**Contraindications:** These catheters are intended for Long-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

### TESIO®

**Indications for Use:** The Medcomp® Tesio® Catheter is designed for long term hemodialysis and apheresis. It may be inserted percutaneously and is ideally placed in the internal jugular vein. Although this catheter may be inserted into the subclavian vein, the internal jugular vein of an adult patient is the preferred site.

**Contraindications:** This catheter is not intended for any use other than that which is indicated. To maintain peak performance of the adapters, it is recommended that the adapters be replaced every 6 months.

Split Cath® III

Split Stream®

Symetrex®

Hemo-Flow®

Hemo-Flow® XF

Tesio®

Hemo-Cath® LT

Titan™ HD

Eschelon

## 6.5F TESIO®

**Indications for Use:** The Medcomp® 6.5F Tesio® Catheter is indicated for use in attaining Long-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of a pediatric patient. Alternate insertion sites include subclavian vein as required.

**Contraindications:** This catheter is intended for Long-Term vascular access only and should not be used for any purpose other than indicated in these directions. To maintain peak performance of the Lock Right® Adapters, it is recommended that the adapters be replaced every 6 months.

## HEMO-CATH® LT

**Indications for Use:** The Hemo-Cath® Dialysis Catheter is indicated for use in attaining Long-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of an adult patient. Alternate insertion sites include subclavian vein as required. The curved Hemo-Cath® Catheter is intended for internal jugular vein insertion.

**Contraindications:** This catheter is intended for Long-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

## TITAN™ HD

**Indications for Use:** The Medcomp® Titan™ HD is indicated for use in attaining Long-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of an adult patient. Alternate insertion sites include the subclavian vein as required.

**Contraindications:** This catheter is intended for Long-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

## ESCHELON

Eschelon Catheter will lose CE Mark November 16, 2022

**Indications for Use:** The Split Tip LT Catheter is indicated for use in attaining Long-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein. Alternate insertion sites include subclavian vein as required.

**Contraindications:** This catheter is intended for Long-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

Refer to Instructions for Use provided with the product for complete instructions, warnings, precautions, and contraindications. Observe all instructions for use prior to using products. Failure to do so may result in patient complications.



Polyurethane  
Material

Split Tip  
Tip Design

10F, 14F, 16F  
French Sizes

Straight,  
Pre-Curved  
Configurations

Antegrade  
Insertion Type



DOUBLE "D" INTERNAL  
LUMEN DESIGN



ARTERIOVENOUS STYLET WEAVE



HOLLOW, FAST TRACK STYLET



SPLITTABLE LUMENS



Refer to the Table of Contents for Important Risk Information regarding this device.



STRAIGHT		
ASPC20-3E.	14F X 20CM SPLIT CATH® III	5/BOX
ASPC22-3E.	14F X 22CM SPLIT CATH® III	5/BOX
ASPC24-3E.	14F X 24CM SPLIT CATH® III	5/BOX
ASPC28-3E.	14F X 28CM SPLIT CATH® III	5/BOX
ASPC32-3E.	14F X 32CM SPLIT CATH® III	5/BOX
ASPC36-3E.	14F X 36CM SPLIT CATH® III	5/BOX
ASPC40-3E.	14F X 40CM SPLIT CATH® III	5/BOX
ASPC55-3E.	14F X 55CM SPLIT CATH® III	5/BOX

ASPC2416-3E.	16F X 24CM SPLIT CATH® III	5/BOX
ASPC2816-3E.	16F X 28CM SPLIT CATH® III	5/BOX
ASPC3216-3E.	16F X 32CM SPLIT CATH® III	5/BOX
ASPC3616-3E.	16F X 36CM SPLIT CATH® III	5/BOX
ASPC4016-3E.	16F X 40CM SPLIT CATH® III	5/BOX
ASPC5516-3E.	16F X 55CM SPLIT CATH® III	5/BOX

PRE-CURVED		
ASPC24-3PCE.	14F X 24CM PC SPLIT CATH® III	5/BOX
ASPC28-3PCE.	14F X 28CM PC SPLIT CATH® III	5/BOX
ASPC32-3PCE.	14F X 32CM PC SPLIT CATH® III	5/BOX
ASPC36-3PCE.	14F X 36CM PC SPLIT CATH® III	5/BOX
ASPC2416-3PCE.	16F X 24CM PC SPLIT CATH® III	5/BOX
ASPC2816-3PCE.	16F X 28CM PC SPLIT CATH® III	5/BOX
ASPC3216-3PCE.	16F X 32CM PC SPLIT CATH® III	5/BOX
ASPC3616-3PCE.	16F X 36CM PC SPLIT CATH® III	5/BOX

STRAIGHT WITHOUT SIDHOLES		
ASPC24-3WOE.	14F X 24CM SPLIT CATH® III W/O SIDHOLES	5/BOX
ASPC28-3WOE.	14F X 28CM SPLIT CATH® III W/O SIDHOLES	5/BOX
ASPC32-3WOE.	14F X 32CM SPLIT CATH® III W/O SIDHOLES	5/BOX
ASPC36-3WOE.	14F X 36CM SPLIT CATH® III W/O SIDHOLES	5/BOX
ASPC40-3WOE.	14F X 40CM SPLIT CATH® III W/O SIDHOLES	5/BOX
ASPC55-3WOE.	14F X 55CM SPLIT CATH® III W/O SIDHOLES	5/BOX

PRE-CURVED WITHOUT SIDHOLES		
ASPC24-3PCWOE.	14F X 24CM PC SPLIT CATH® III W/O SIDHOLES	5/BOX
ASPC28-3PCWOE.	14F X 28CM PC SPLIT CATH® III W/O SIDHOLES	5/BOX
ASPC32-3PCWOE.	14F X 32CM PC SPLIT CATH® III W/O SIDHOLES	5/BOX
ASPC36-3PCWOE.	14F X 36CM PC SPLIT CATH® III W/O SIDHOLES	5/BOX

STRAIGHT WITH DUAL STYLETS		
ASPC24-3DSE.	14F X 24CM SPLIT CATH® III W/ DUAL STYLET	5/BOX
ASPC28-3DSE.	14F X 28CM SPLIT CATH® III W/ DUAL STYLET	5/BOX
ASPC32-3DSE.	14F X 32CM SPLIT CATH® III W/ DUAL STYLET	5/BOX
ASPC36-3DSE.	14F X 36CM SPLIT CATH® III W/ DUAL STYLET	5/BOX
ASPC40-3DSE.	14F X 40CM SPLIT CATH® III W/ DUAL STYLET	5/BOX
ASPC55-3DSE.	14F X 55CM SPLIT CATH® III W/ DUAL STYLET	5/BOX

STRAIGHT 10F		
ASPC15P-XL	10F X 15CM SPLIT CATH® III	5/BOX
ASPC18P-XL	10F X 18CM SPLIT CATH® III	5/BOX
ASPC24P-XL	10F X 24CM SPLIT CATH® III	5/BOX

TRANSLUMBAR		
ASPC40-3TLE.	14F X 40CM TRANSLUMBAR KIT	5/BOX
ASPC55-3TLE.	14F X 55CM TRANSLUMBAR KIT	5/BOX

TUNNELER		
AST	SPLIT CATH® III TUNNELER	5/BOX
ASTSG	SPLIT CATH® III SURE GRIP TUNNELER	5/BOX

STRAIGHT & PRE-CURVED BASIC SET CONTAINS:

- (1) Catheter
- (1) Introducer Needle
- (1/2) Guidewire(s)
- (2) Dilators
- (1) Tunneler
- (1) Valved Peelable Introducer
- (2) End Caps

STRAIGHT & PRE-CURVED WITHOUT SIDHOLES SET CONTAINS:

- (1) Catheter
- (1) Introducer Needle
- (1/2) Guidewire(s)
- (2) Dilators
- (1) Tunneler
- (1) Valved Peelable Introducer
- (2) End Caps

STRAIGHT WITH DUAL STYLETS SET CONTAINS:

- (1) Catheter w/ Stylets
- (1) Introducer Needle
- (1) Guidewire
- (2) Dilators
- (1) Tunneler
- (1) Valved Peelable Introducer
- (2) End Caps

STRAIGHT 10F BASIC SET CONTAINS:

- (1) Catheter
- (1) Introducer Needle
- (1) Guidewire
- (2) Dilators
- (1) Scalpel
- (1) Tunneler
- (1) Peelable Introducer
- (1) Adhesive Wound Dressing
- (2) End Caps

TRANSLUMBAR KIT CONTAINS:

- (1) Catheter
- (3) Dilators
- (2) End Caps
- (1) Scalpel
- (1) Peelable Introducer
- (1) Introducer Needle
- (2) Guidewires
- (1) Adhesive Wound Dressing
- (1) Tunneler
- (1) Stiffening Stylet



**Polyurethane**  
Material

**Split Tip**  
Tip Design

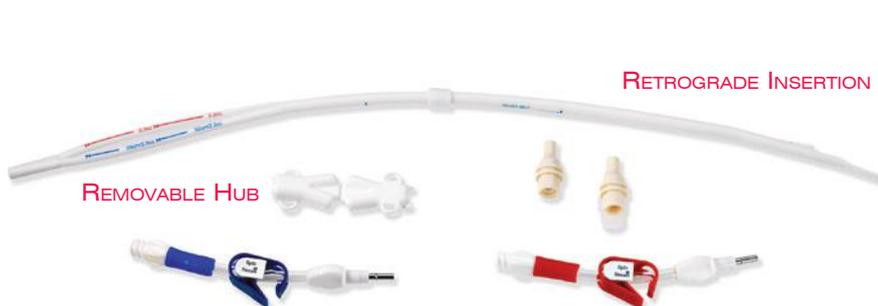
**14F, 16F**  
French Sizes

**Straight**  
Configuration

**Retrograde**  
Insertion Type



DOUBLE "D" INTERNAL LUMEN DESIGN



RETROGRADE INSERTION

REMOVABLE HUB

SPLIT TIP DESIGN

BASIC SET		
SST24E.	14F X 24CM SPLIT STREAM®, BASIC SET	5/BOX
SST28E.	14F X 28CM SPLIT STREAM®, BASIC SET	5/BOX
SST32E.	14F X 32CM SPLIT STREAM®, BASIC SET	5/BOX
SST36E.	14F X 36CM SPLIT STREAM®, BASIC SET	5/BOX
SST40E.	14F X 40CM SPLIT STREAM®, BASIC SET	5/BOX
SST2416E.	16F X 24CM SPLIT STREAM®, BASIC SET	5/BOX
SST2816E.	16F X 28CM SPLIT STREAM®, BASIC SET	5/BOX
SST3216E.	16F X 32CM SPLIT STREAM®, BASIC SET	5/BOX
SST3616E.	16F X 36CM SPLIT STREAM®, BASIC SET	5/BOX
SST4016E.	16F X 40CM SPLIT STREAM®, BASIC SET	5/BOX

SPLIT STREAM® OTW		
SST24SE.	14F X 24CM SPLIT STREAM®, BASIC SET	5/BOX
SST28SE.	14F X 28CM SPLIT STREAM®, BASIC SET	5/BOX
SST32SE.	14F X 32CM SPLIT STREAM®, BASIC SET	5/BOX
SST36SE.	14F X 36CM SPLIT STREAM®, BASIC SET	5/BOX

SPLIT STREAM® OTW CUT DOWN		
S24SE.	14F X 24CM SPLIT STREAM®, BASIC SET	5/BOX
S28SE.	14F X 28CM SPLIT STREAM®, BASIC SET	5/BOX
S32SE.	14F X 32CM SPLIT STREAM®, BASIC SET	5/BOX
S36SE.	14F X 36CM SPLIT STREAM®, BASIC SET	5/BOX
S40SE.	14F X 40CM SPLIT STREAM®, BASIC SET	5/BOX

ACCESSORIES		
SSVE	SPLIT STREAM® VENOUS EXTENSION	EACH
SSAE	SPLIT STREAM® ARTERIAL EXTENSION	EACH

**SET CONTAINS:**

- (1) Catheter
- (1/2) Guidewire(s)
- (2) Dilators
- (1) Arterial Extension Set (Red)
- (1) Venous Extension Set (Blue)
- (1) Valved Peelable Introducer
- (2) Clamps
- (1) Removable Hub
- (2) Tunnelers
- (1) Lumen Clamp
- (2) End Caps
- (1) Introducer Needle

**OTW SET CONTAINS:**

- (1) Catheter w/ Stylet
- (2) Guidewire(s)
- (2) Dilators
- (1) Arterial Extension Set (Red)
- (1) Venous Extension Set (Blue)
- (1) Valved Peelable Introducer
- (2) Clamps
- (1) Removable Hub
- (2) Tunnelers
- (1) Lumen Clamp
- (2) End Caps
- (1) Introducer Needle

**CUT DOWN SET CONTAINS:**

- (1) Catheter w/ Stylet
- (1) Guidewire
- (2) Dilators
- (1) Arterial Extension Set (Red)
- (1) Venous Extension Set (Blue)
- (2) Clamps
- (1) Removable Hub
- (1) Lumen Clamp
- (2) End Caps
- (1) Introducer Needle

Refer to the Table of Contents for Important Risk Information regarding this device.



**Polyurethane**  
Material

**Step Tip**  
Tip Design

**14.5F**  
French Size(s)

**Straight,  
Pre-Curved**  
Configurations

**Antegrade**  
Insertion Type



DOUBLE "D" INTERNAL LUMEN DESIGN



Radiopaque Polyurethane



ANGLED ARTERIAL TIP



ARTERIAL SIDEHOLES



BASIC SET		
HFS24E.	14.5F X 24CM HEMO-FLOW®, STRAIGHT	5/BOX
HFS28E.	14.5F X 28CM HEMO-FLOW®, STRAIGHT	5/BOX
HFS32E.	14.5F X 32CM HEMO-FLOW®, STRAIGHT	5/BOX
HFS36E.	14.5F X 36CM HEMO-FLOW®, STRAIGHT	5/BOX
HFS40E.	14.5F X 40CM HEMO-FLOW®, STRAIGHT	5/BOX
HFS55E.	14.5F X 55CM HEMO-FLOW®, STRAIGHT	5/BOX
HFS24PCE.	14.5F X 24CM PC HEMO-FLOW®, PRE-CURVED	5/BOX
HFS28PCE.	14.5F X 28CM PC HEMO-FLOW®, PRE-CURVED	5/BOX
HFS32PCE.	14.5F X 32CM PC HEMO-FLOW®, PRE-CURVED	5/BOX
HFS36PCE.	14.5F X 36CM PC HEMO-FLOW®, PRE-CURVED	5/BOX

- BASIC SET CONTAINS:**
- (1) Catheter
  - (1) Introducer Needle
  - (1) Guidewire
  - (2) Dilators
  - (1) Tuner
  - (1) Valved Peelable Introducer
  - (2) End Caps
  - (1) Scalpel

Refer to the Table of Contents for Important Risk Information regarding this device.



**Polyurethane**  
Material

**Step Tip**  
Tip Design

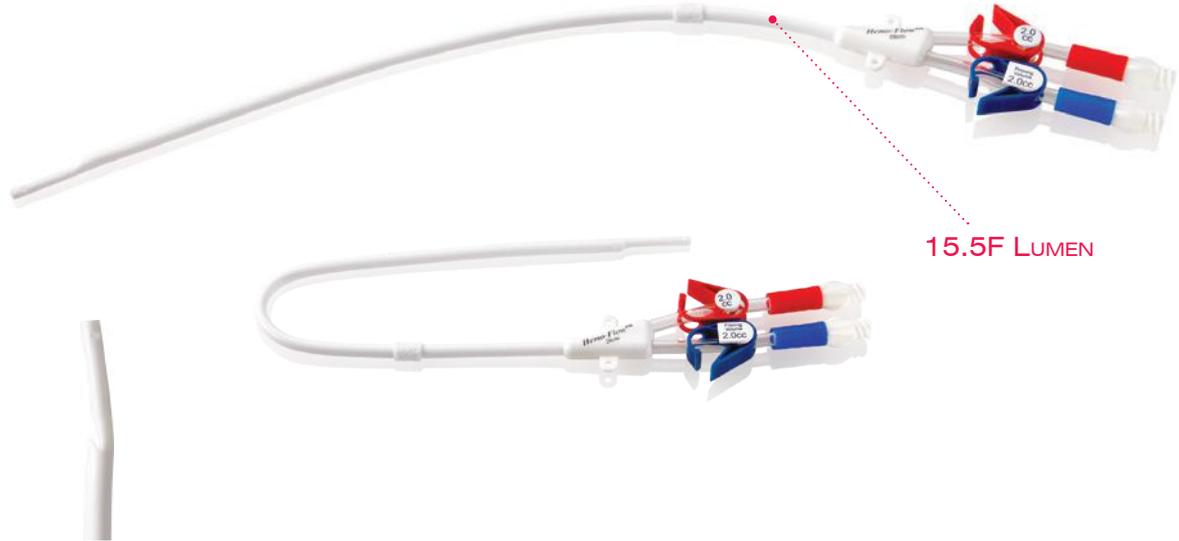
**15.5F**  
French Size

**Straight,  
Pre-Curved**  
Configurations

**Antegrade**  
Insertion Type



DOUBLE "D" INTERNAL  
LUMEN DESIGN



15.5F LUMEN

BASIC SET		
HFS1524E.	15.5F X 24CM HEMO-FLOW® XF, STRAIGHT	5/BOX
HFS1528E.	15.5F X 28CM HEMO-FLOW® XF, STRAIGHT	5/BOX
HFS1532E.	15.5F X 32CM HEMO-FLOW® XF, STRAIGHT	5/BOX
HFS1536E.	15.5F X 36CM HEMO-FLOW® XF, STRAIGHT	5/BOX
HFS1540E.	15.5F X 40CM HEMO-FLOW® XF, STRAIGHT	5/BOX
HFS1555E.	15.5F X 55CM HEMO-FLOW® XF, STRAIGHT	5/BOX
HFS1524PCE.	15.5F x 24CM HEMO-FLOW® XF, PRE-CURVED	5/BOX
HFS1528PCE.	15.5F x 28CM HEMO-FLOW® XF, PRE-CURVED	5/BOX
HFS1532PCE.	15.5F x 32CM HEMO-FLOW® XF, PRE-CURVED	5/BOX
HFS1536PCE.	15.5F x 36CM HEMO-FLOW® XF, PRE-CURVED	5/BOX

**BASIC SET CONTAINS**

- (1) Catheter
- (1) Introducer Needle
- (1) Guidewire
- (2) Dilators
- (1) Tunneler
- (1) Valved Peelable Introducer
- (2) End Caps

Refer to the Table of Contents for Important Risk Information regarding this device.



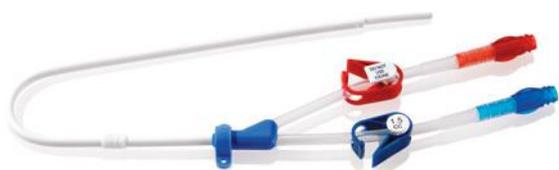
<b>Silicone</b> Material	<b>Step Tip</b> Tip Design	<b>8F, 10F, 12.5F</b> French Sizes	<b>Straight, Pre-Curved</b> Configurations	<b>Antegrade</b> Insertion Type
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CIRCLE "C" INTERNAL LUMEN DESIGN



LONGER LENGTHS



SILICONE MATERIAL



ANGLED ARTERIAL TIP



STRAIGHT CATHETER BASIC SET		
SL18P	8F X 18CM SILICONE HEMO-CATH® BASIC SET	5/BOX
SL24P	8F X 24CM SILICONE HEMO-CATH® BASIC SET	5/BOX

STRAIGHT CATHETER BASIC SET		
MC101041P	10F X 15CM SILICONE HEMO-CATH® LT	5/BOX
MC101042P	10F X 18CM SILICONE HEMO-CATH® LT	5/BOX
MC101043P	10F X 20CM SILICONE HEMO-CATH® LT	5/BOX
MC101044P	10F X 22CM SILICONE HEMO-CATH® LT	5/BOX
MC101045P	10F X 24CM SILICONE HEMO-CATH® LT	5/BOX

STRAIGHT CATHETER BASIC SET		
MC101241	12.5F X 15CM SILICONE HEMO-CATH® DOUBLE LUMEN	5/BOX
MC101242	12.5F X 18CM SILICONE HEMO-CATH® DOUBLE LUMEN	5/BOX
MC101243	12.5F X 24CM SILICONE HEMO-CATH® DOUBLE LUMEN	5/BOX

STRAIGHT CATHETER BASIC SET		
SL28E.	12.5F X 28CM SILICONE HEMO-CATH® DOUBLE LUMEN	5/BOX
SL32E.	12.5F X 32CM SILICONE HEMO-CATH® DOUBLE LUMEN	5/BOX

PRE-CURVED CATHETER BASIC SET		
SL28PCE.	12.5F X 28CM PC SILICONE HEMO-CATH® DOUBLE LUMEN	5/BOX
SL32PCE.	12.5F X 32CM PC SILICONE HEMO-CATH® DOUBLE LUMEN	5/BOX

**8F BASIC SET CONTAINS:**

- (1) Catheter
- (1) Tunneler
- (1) Peelable Introducer
- (1) Guidewire
- (1) 10cc Syringe
- (1) Adhesive Wound Dressing
- (1) Catheter Clip
- (1) Introducer Needle
- (2) End Caps

**10F SET CONTAINS:**

- (1) Catheter
- (1) Introducer Needle
- (1) Adhesive Wound Dressing
- (1) J/Flex Guidewire
- (1) Tunneler
- (1) Catheter Clip
- (2) End Caps
- (1) 10cc Syringe
- (1) Peelable Introducer

**12.5F x 15, 18, 24CM SET CONTAINS:**

- (1) Catheter
- (2) End Caps
- (1) Scalpel
- (1) Peelable Introducer
- (1) Introducer Needle
- (1) Guidewire
- (1) Adhesive Wound Dressing
- (1) Catheter Clip
- (1) Tunneler

**12.5F x 28, 32CM SET CONTAINS:**

- (1) Catheter
- (2) End Caps
- (1) Peelable Introducer
- (1) Introducer Needle
- (1) Guidewire
- (1) Tunneler
- (1) Catheter Clip
- (1) Catheter Clip (Straight Catheter Only)

Refer to the Table of Contents for Important Risk Information regarding this device.



**Polyurethane**

Material

**Single Round**

Tip Design

**6.5F, 10F**

French Sizes

**Straight**

Configuration

**Retrograde**

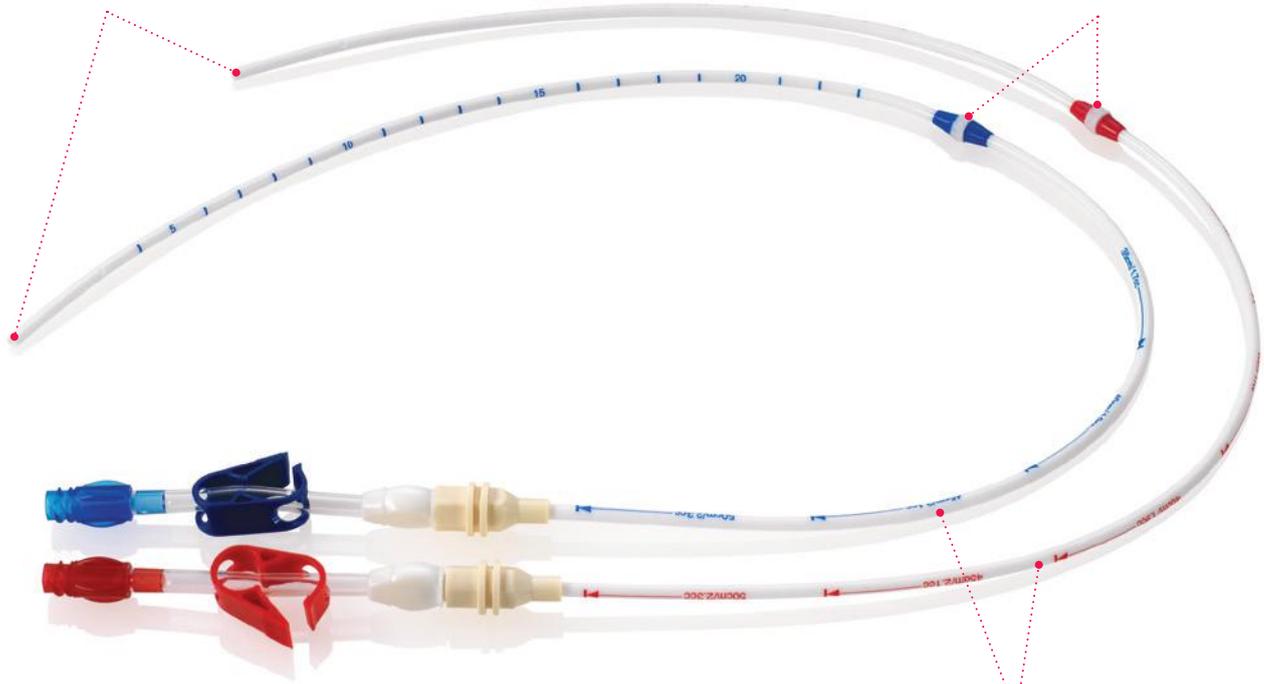
Insertion Type



SINGLE ROUND INTERNAL LUMEN DESIGN

RETROGRADE INSERTION

FOOTBALL CUFF



TWO INDEPENDENT, ROUND LUMENS

Refer to the Table of Contents for Important Risk Information regarding this device.



STANDARD TESIO® SETS		
PBFP	6.5F X 29CM TESIO®, CUFFS @ 12CM AND 15CM	5/BOX
BFS-6E.	10F X 52CM TESIO®, CUFFS @ 18CM AND 21CM	5/BOX
BFR-6E.	10F X 52CM TESIO®, CUFFS @ 22CM AND 25CM	5/BOX
BFL-6E.	10F X 52CM TESIO®, CUFFS @ 27CM AND 30CM	5/BOX
BFR1070KD-A	10F X 72CM TESIO®, CUFFS @ 46CM AND 50CM	5/BOX
BFR1035KD-A	10F TESIO® CATHETER KIT, CUFFS @ 18CM AND 22CM	5/BOX

TESIO® SET WITH CUTTING TROCAR		
BFS-6CTT	10F X 52CM TESIO®, CUFFS @ 18CM AND 21CM	5/BOX
BFR-6CTT	10F X 52CM TESIO®, CUFFS @ 22CM AND 25CM	5/BOX
BFL-6CTT	10F X 52CM TESIO®, CUFFS @ 27CM AND 30CM	5/BOX

TESIO® SET		
BFSS	10F X 52CM TESIO®, CUFF @ 18.2CM AND 21.2CM	5/BOX
BFRS	10F X 52CM TESIO®, CUFF @ 22CM AND 25CM	5/BOX
BFLS	10F X 52CM TESIO®, CUFF @ 27CM AND 30CM	5/BOX

TESIO® SETS WITH STYLET		
BFS-6SE.	10F X 52CM TESIO® W/ STYLET, CUFFS @ 18.2CM AND 21.2CM	5/BOX
BFR-6SE.	10F X 52CM TESIO® W/ STYLET, CUFFS @ 22CM AND 25CM	5/BOX
BFL-6SE.	10F X 52CM TESIO® W/ STYLET, CUFFS @ 27CM AND 30CM	5/BOX

TESIO® SETS WITHOUT SIDEHOLES		
BFS-6WOE.	10F X 52CM TESIO® W/O SIDEHOLES, CUFFS @ 18.2CM AND 21.2CM	5/BOX
BFR-6WOE.	10F X 52CM TESIO® W/O SIDEHOLES, CUFFS @ 22CM AND 25CM	5/BOX
BFL-6WOE.	10F X 52CM TESIO® W/O SIDEHOLES, CUFFS @ 27CM AND 30CM	5/BOX

ACCESSORIES		
BTT	TESIO® BLUNT TUNNELER	5/BOX
CTT	10F TESIO® CUTTING TUNNELER	5/BOX
RTT	RAULERSON TUNNELER	5/BOX
BF11A	10F ARTERIAL EXTENSION SET FOR TESIO® CATHETER	10/BOX
BF11V	10F VENOUS EXTENSION SET FOR TESIO® CATHETER	10/BOX
BF11AVS	10F ARTERIAL AND VENOUS EXTENSION SET FOR TESIO® CATHETER	10/BOX

- 6.5F STANDARD SET CONTAINS:
- (2) Catheters
  - (2) Introducer Needles
  - (2) Guidewires
  - (2) Tunnelers
  - (2) Peelable Introducers
  - (2) Venous and Arterial Extensions
  - (2) Clamps
  - (2) End Caps

- 10F STANDARD SET CONTAINS:
- (2) Catheters
  - (2) Introducer Needles
  - (2) Guidewires
  - (1) Catheter Securement Device
  - (2) Tunnelers
  - (2) Football Tunnelers
  - (1) Coaxial Introducer Sheath
  - (2) Valved Peelable Introducers
  - (2) Venous and Arterial Extensions
  - (2) Catheter Plugs
  - (2) Clamps
  - (2) End Caps
  - (2) Lumen Sleeves

- BFR1035KD-A SET CONTAINS:
- (2) Catheters
  - (2) Introducer Needles
  - (2) Guidewires
  - (1) Catheter Securement Device
  - (2) Tunnelers
  - (2) Peelable Introducers
  - (2) Venous and Arterial Extensions
  - (2) Catheter Plugs
  - (2) Clamps
  - (2) End Caps
  - (2) Lumen Sleeves

- BFR1070KD-A SET CONTAINS:
- (2) Catheters
  - (2) Introducer Needles
  - (2) Guidewires
  - (1) Catheter Securement Device
  - (2) Tunnelers
  - (2) Football Tunnelers
  - (1) Coaxial Introducer Sheath
  - (2) Peelable Introducers
  - (2) Venous and Arterial Extensions
  - (2) Catheter Plugs
  - (2) Clamps
  - (2) End Caps
  - (2) Lumen Sleeves

- TESIO SET WITH CUTTING TROCAR CONTAINS:
- (2) Catheters
  - (2) Introducer Needles
  - (2) Guidewires
  - (1) Catheter Securement Device
  - (2) Cutting Trocars
  - (2) Football Tunnelers
  - (1) Coaxial Introducer Sheath
  - (2) Valved Peelable Introducers
  - (2) Venous and Arterial Extensions
  - (2) Catheter Plugs
  - (2) Clamps
  - (2) End Caps
  - (2) Lumen Sleeves

- TESIO SET CONTAINS:
- (1) Catheter
  - (1) Introducer Needle
  - (1) Guidewire
  - (1) Tunneler
  - (1) Football Tunneler
  - (1) Peelable Introducer
  - (1) Venous Extension
  - (1) Catheter Plug
  - (1) Clamp
  - (1) End Cap

- TESIO SET WITH STYLET CONTAINS:
- (2) Catheters w/ Stylet
  - (2) Introducer Needles
  - (2) Guidewires
  - (1) Catheter Securement Device
  - (2) Tunnelers
  - (2) Football Tunnelers
  - (1) Coaxial Introducer Sheath
  - (2) Valved Peelable Introducers
  - (2) Venous and Arterial Extensions
  - (2) Catheter Plugs
  - (2) Clamps
  - (2) End Caps
  - (2) Lumen Sleeves

- TESIO SET WITHOUT SIDEHOLES CONTAINS:
- (2) Catheters
  - (2) Introducer Needles
  - (2) Guidewires
  - (1) Catheter Securement Device
  - (2) Tunnelers
  - (2) Football Tunnelers
  - (1) Coaxial Introducer Sheath
  - (2) Peelable Introducers
  - (2) Venous and Arterial Extensions
  - (2) Catheter Plugs
  - (2) Clamps
  - (2) End Caps
  - (2) Lumen Sleeves



<b>Polyurethane</b>	<b>Symmetrical</b>	<b>15.5F</b>	<b>Straight</b>	<b>Antegrade</b>
Material	Tip Design	French Size	Configuration	Insertion Type

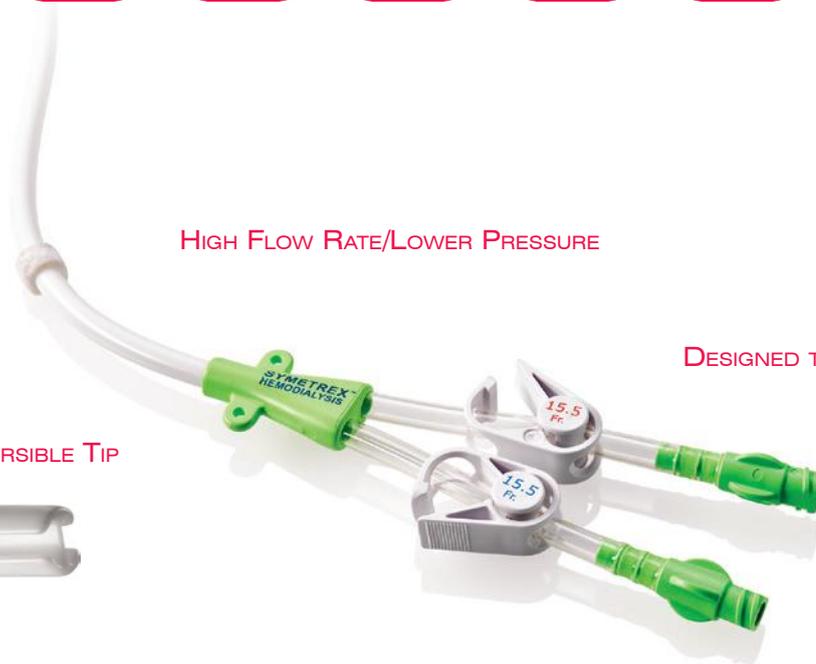


DOUBLE "D" INTERN LUMEN DESIGN

HIGH FLOW RATE/LOWER PRESSURE

DESIGNED TO PRESERVE ACCESS

SYMMETRICAL REVERSIBLE TIP



WITH SIDEHOLE		
BASIC SET WITH STYLETS		
MBPS019SE.	15.5F X 19CM SYMETREX® BASIC SET W/ STYLETS	5/BOX
MBPS023SE.	15.5F X 23CM SYMETREX® BASIC SET W/ STYLETS	5/BOX
MBPS028SE.	15.5F X 28CM SYMETREX® BASIC SET W/ STYLETS	5/BOX
MBPS033SE.	15.5F X 33CM SYMETREX® BASIC SET W/ STYLETS	5/BOX
BASIC SET WITHOUT STYLETS		
MBNS037SE.	15.5F X 37CM SYMETREX® BASIC SET W/O STYLETS	5/BOX
MBNS042SE.	15.5F X 42CM SYMETREX® BASIC SET W/O STYLETS	5/BOX
UPGRADE KIT		
MUPS019SE.	15.5F X 19CM SYMETREX® UPGRADE KIT	5/BOX
MUPS023SE.	15.5F X 23CM SYMETREX® UPGRADE KIT	5/BOX
MUPS028SE.	15.5F X 28CM SYMETREX® UPGRADE KIT	5/BOX
MUPS033SE.	15.5F X 33CM SYMETREX® UPGRADE KIT	5/BOX

**BASIC SET CONTENTS WITH STYLETS:**

- (1) Catheter
- (2) Stylets
- (1) Introducer Needle
- (1) Guidewire
- (2) Dilator
- (1) Tunneler
- (1) Valved Peelable Introducer
- (1) Scalpel
- (2) End Caps
- (1) Patient ID Card
- (1) Patient Label

**BASIC SET CONTENTS WITHOUT STYLETS:**

- (1) Catheter
- (1) Introducer Needle
- (1) Guidewire
- (2) Dilator
- (1) Tunneler
- (1) Valved Peelable Introducer
- (1) Scalpel
- (2) End Caps
- (1) Patient ID Card
- (1) Patient Label

**UPGRADE KIT CONTENTS:**

- (1) Catheter
- (2) Stylets
- (2) End Caps
- (1) Patient ID Card
- (1) Patient Label

Refer to the Table of Contents for Important Risk Information regarding this device.



WITHOUT SIDEHOLES		
BASIC SET WITH STYLETS		
MBPS019E.	15.5F X 19CM SYMETREX® BASIC SET W/ STYLETS	5/BOX
MBPS023E.	15.5F X 23CM SYMETREX® BASIC SET W/ STYLETS	5/BOX
MBPS028E.	15.5F X 28CM SYMETREX® BASIC SET W/ STYLETS	5/BOX
MBPS033E.	15.5F X 33CM SYMETREX® BASIC SET W/ STYLETS	5/BOX
BASIC SET WITHOUT STYLETS		
MBNS037E.	15.5F X 37CM SYMETREX® BASIC SET W/O STYLETS	5/BOX
MBNS042E.	15.5F X 42CM SYMETREX® BASIC SET W/O STYLETS	5/BOX
UPGRADE KIT		
MUPS019E.	15.5F X 19CM SYMETREX® UPGRADE KIT	5/BOX
MUPS023E.	15.5F X 23CM SYMETREX® UPGRADE KIT	5/BOX
MUPS028E.	15.5F X 28CM SYMETREX® UPGRADE KIT	5/BOX
MUPS033E.	15.5F X 33CM SYMETREX® UPGRADE KIT	5/BOX

**BASIC SET CONTENTS WITH STYLETS:**

- (1) Catheter
- (2) Stylets
- (1) Introducer Needle
- (1) Guidewire
- (2) Dilator
- (1) Tunneler
- (1) Valved Peelable Introducer
- (1) Scalpel
- (2) End Caps
- (1) Patient ID Card
- (1) Patient Label

**BASIC SET CONTENTS WITHOUT STYLETS:**

- (1) Catheter
- (1) Introducer Needle
- (1) Guidewire
- (2) Dilator
- (1) Tunneler
- (1) Valved Peelable Introducer
- (1) Scalpel
- (2) End Caps
- (1) Patient ID Card
- (1) Patient Label

**UPGRADE KIT CONTENTS:**

- (1) Catheter
- (2) Stylets
- (2) End Caps
- (1) Patient ID Card
- (1) Patient Label



**Polyurethane**  
Material

**Step Tip**  
Tip Design

**15.5F**  
French Size(s)

**Straight,  
Pre-Curved**  
Configurations

**Antegrade**  
Insertion Type



DOUBLE "D" INTERNAL  
LUMEN DESIGN



TAPERED, FAST  
TRACK STYLET

90° Degree

15.5F LUMEN

STRAIGHT W/ SIDEHOLES AND STYLET		
THD155024SE.	15.5F X 24CM TITAN™ HD CATHETER SET	5/BOX
THD155028SE.	15.5F X 28CM TITAN™ HD CATHETER SET	5/BOX
THD155032SE.	15.5F X 32CM TITAN™ HD CATHETER SET	5/BOX
THD155036SE.	15.5F X 36CM TITAN™ HD CATHETER SET	5/BOX
THD155040SE.	15.5F X 40CM TITAN™ HD CATHETER SET	5/BOX
THD155055SE.	15.5F X 55CM TITAN™ HD CATHETER SET	5/BOX

- BASIC SET CONTAINS:
- (1) Catheter
  - (1) Introducer Needle
  - (1 | 2) Guidewire(s)
  - (2) Dilators
  - (1) Tunneler
  - (1) Valved Peelable Introducer
  - (2) End Caps

STRAIGHT W/O SIDEHOLES AND W/ STYLET		
THD155424SE.	15.5F X 24CM TITAN™ HD CATHETER SET	5/BOX
THD155428SE.	15.5F X 28CM TITAN™ HD CATHETER SET	5/BOX
THD155432SE.	15.5F X 32CM TITAN™ HD CATHETER SET	5/BOX
THD155436SE.	15.5F X 36CM TITAN™ HD CATHETER SET	5/BOX
THD155440SE.	15.5F X 40CM TITAN™ HD CATHETER SET	5/BOX

Refer to the Table of Contents for Important Risk Information regarding this device.



<b>Polyurethane</b>	<b>Split Tip</b>	<b>15F</b>	<b>Straight</b>	<b>Antegrade</b>
Material	Tip Design	French Size	Configuration	Insertion Type



TWO-PIECE EXTENSION DESIGN



I-BEAM INTERNAL LUMEN DESIGN



SPLIT TIP DESIGN

BASIC SET		
MCST1524-2E.	15F X 24CM ESCHELON DOUBLE LUMEN	5/BOX
MCST1528-2E.	15F X 28CM ESCHELON DOUBLE LUMEN	5/BOX
MCST1532-2E.	15F X 32CM ESCHELON DOUBLE LUMEN	5/BOX
MCST1536-2E.	15F X 36CM ESCHELON DOUBLE LUMEN	5/BOX
MCST1540-2E.	15F X 40CM ESCHELON DOUBLE LUMEN	5/BOX

WITH STYLET		
MCST1524-2SE.	15F X 24CM ESCHELON DOUBLE LUMEN WITH STYLET	5/BOX
MCST1528-2SE.	15F X 28CM ESCHELON DOUBLE LUMEN WITH STYLET	5/BOX
MCST1532-2SE.	15F X 32CM ESCHELON DOUBLE LUMEN WITH STYLET	5/BOX
MCST1536-2SE.	15F X 36CM ESCHELON DOUBLE LUMEN WITH STYLET	5/BOX
MCST1540-2SE.	15F X 40CM ESCHELON DOUBLE LUMEN WITH STYLET	5/BOX

**BASIC SET CONTAINS:**

- (1) Catheter
- (1) Introducer Needle
- (1/2) Guidewire(s)
- (2) Dilators
- (1) Tunneler
- (1) Peelable Introducer
- (2) End Caps

**WITH STYLET SET CONTAINS:**

- (1) Catheter w/ Stylet
- (1) Introducer Needle
- (1/2) Guidewire(s)
- (2) Dilators
- (1) Tunneler
- (1) Peelable Introducer
- (2) End Caps

Refer to the Table of Contents for Important Risk Information regarding this device.

## IMPORTANT RISK INFORMATION

### DUO-SPLIT®

**Indications for Use:** The Medcomp® Duo-Split® Double Lumen Catheter is indicated for use in attaining Short-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of an adult patient. Alternate insertion sites include subclavian vein and femoral vein as required. The curved Duo-Split® Catheter is intended for internal jugular insertion. This catheter is indicated for a duration less than (30) days.

**Contraindications:** This catheter is intended for Short-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

### HEMO-CATH® ST – DOUBLE LUMEN

**Indications for Use:** The Medcomp® Hemo-Cath® Silicone Double Lumen Catheter can be utilized for temporary access for hemodialysis, hemoperfusion, or apheresis therapy. The cannula may be inserted via the Seldinger technique due to the inner stylet, increasing linear strength. The stylet is removed after insertion, leaving the soft silicone cannula in the body. The flexible silicone make-up conforms well to the vessel anatomy, resulting in higher patient tolerance during extended use.

**Contraindications:** This catheter is intended for Short-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

### HEMO-CATH® ST – SINGLE LUMEN

**Indications for Use:** The Medcomp® Hemo-Cath® Silicone Single Lumen Catheter is designed for acute hemodialysis and apheresis. It may be inserted percutaneously and is ideally placed in the jugular vein. Although this catheter may be inserted into the subclavian or femoral, the internal jugular is the preferred site. This catheter is indicated for a duration less than (30) days.

**Contraindications:** This catheter is not intended for any use other than that which is indicated. Do not implant catheter in thrombosed vessels.

### DUO-FLOW®

**Indications for Use:** The Medcomp® Duo-Flow® Catheter is indicated for use in attaining Short-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of an adult patient. Alternate insertion sites include subclavian vein or femoral vein as required. The curved Duo-Flow® Catheter is intended for internal jugular vein insertion. This catheter is indicated for a duration less than (30) days. For femoral placement, monitor catheter condition closely.

**Contraindications:** This catheter is intended for Short-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

### DUO-FLOW® III

**Indications for Use:** The Medcomp® Duo-Flow® Step-Tip Catheter is indicated for use in attaining Short-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of an adult patient. Alternate insertion sites include subclavian vein or femoral vein as required. The curved Duo-Flow® Step-Tip Catheter is intended for internal jugular vein insertion. This catheter is indicated for a duration less than (30) days. For femoral placement, monitor catheter condition closely.

**Contraindications:** This catheter is intended for Short-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

### DUO-FLOW® SOFT-LINE®

**Indications for Use:** The Medcomp® Soft-Line® Catheter is indicated for use in attaining Short-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of an adult patient. Alternate insertion sites include subclavian vein or femoral vein as required. The curved Soft-Line® Catheter is intended for internal jugular vein insertion. This catheter is indicated for a duration less than (30) days. For femoral placement, monitor catheter condition closely.

**Contraindications:** This catheter is intended for Short-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

### DUO-FLOW® SIDE X SIDE

**Indications for Use:** The Medcomp® Side by Side Double Lumen Catheter is designed for acute hemodialysis and apheresis. It may be inserted percutaneously and is ideally placed in the jugular vein. Although this catheter may be inserted into the subclavian or femoral, the internal jugular is the preferred site. This catheter is indicated for a duration less than (30) days.

**Contraindications:** This catheter is not intended for any use other than that which is indicated. Do not implant catheter in thrombosed vessels.

### DUO-FLOW® 400XL

**Indications for Use:** The Medcomp® Duo-Flow and Duo-Flow 400XL Double Lumen Catheters are designed for acute hemodialysis and apheresis. They may be inserted percutaneously and are ideally placed in the internal jugular vein. Although these catheters may be inserted into the subclavian or femoral vein, the internal jugular is the preferred site.

**Contraindications:** This catheter is intended for Short-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

Duo-Split®  
 Hemo-Cath® ST  
 Duo-Flow®  
 Duo-Flow® III  
 Duo-Flow® Soft-Line®  
 Duo-Flow® Side X Side  
 Duo-Flow® 400XL  
 Free-Flow® ST  
 Trio-CT®  
 T-3® CT  
 Tri-Flow  
 Femoral  
 Subclavian

### FREE-FLOW® ST

**Indications for Use:** The ST Catheter is indicated for use in attaining Short-Term vascular access for Hemodialysis, Hemofiltration, and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of an adult patient. Alternate insertion sites include the subclavian and femoral veins as required. This catheter is indicated for a duration less than (30) days. For femoral placement, monitor catheter condition closely.

**Contraindications:** This catheter is intended for Short-Term vascular access only and should not be used for any purpose other than indicated in these instructions.

### TRIO-CT®

**Indications for Use:** The Trio-CT® Triple Lumen Catheter is indicated for use in attaining short-term (less than 30 days) vascular access for hemodialysis and apheresis. The third internal lumen is intended for infusion, power injection of contrast media and central venous pressure monitoring. The catheter is intended to be inserted in the jugular, femoral or subclavian vein as required. The maximum recommended infusion rate is 5ml/sec for power injection of contrast media.

**Contraindications:** This catheter is intended for short-term (less than 30 days) vascular access only and should not be used for any purpose other than indicated in these instructions. This device is also contraindicated: When the presence of device related infection, bacteremia, or septicemia is known or suspected. When the patient's body size is insufficient to accommodate the size of the implanted device. When the patient is known or is suspected to be allergic to materials contained in the device. If the prospective insertion site has been previously irradiated. If the prospective placement site has previously suffered episodes of venous thrombosis or vascular surgical procedures. If local tissue factors may prevent proper device stabilization and/or access.

### T-3® CT

**Indications for Use:** The Medcomp® T-3® CT Catheter is a triple lumen catheter indicated for use in attaining short-term vascular access for hemodialysis, apheresis. The third internal lumen is intended for infusion, power injection of contrast media and central venous pressure monitoring. The catheter is intended to be inserted in the jugular, femoral or subclavian vein as required. The maximum recommended infusion rate is 5ml/sec for power injection of contrast media.

**Contraindications:** This catheter is intended for short-term (less than 30 days) vascular access only and should not be used for any purpose other than indicated in these instructions. This device is also contraindicated: When the presence of device related infection, bacteremia, or septicemia is known or suspected. When the patient's body size is insufficient to accommodate the size of the implanted device. When the patient is known or is suspected to be allergic to materials contained in the device. If the prospective insertion site has been previously irradiated. If the prospective placement site has previously suffered episodes of venous thrombosis or vascular surgical procedures. If local tissue factors may prevent proper device stabilization and/or access.

### TRI-FLOW

**Indications for Use:** The Medcomp® Tri-Flow Catheter is indicated for use in attaining Short-Term vascular access for Hemodialysis and Apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of an adult patient. Alternate insertion sites include subclavian vein or femoral vein as required. The Medcomp® Tri-Flow Catheter is intended to be used less than (30) days.

**Contraindications:** This catheter is intended for Short-Term vascular access only and should not be used for any purpose other than indicated in these instructions. Do not insert catheter in thrombosed vessels.

### FEMORAL

**Indications for Use:** The Medcomp® Femoral Catheter is designed for acute hemodialysis and apheresis. It may be inserted percutaneously and the preferred site is the femoral vein. This catheter is indicated for a duration less than (30) days.

**Contraindications:** This catheter is not intended for any use other than that which is indicated. Do not implant catheter in thrombosed vessels.

### SUBCLAVIAN

**Indications for Use:** The Subclavian Catheter is designed for acute hemodialysis and apheresis. It may be inserted percutaneously and the preferred site is the subclavian vein. This catheter is indicated for a duration less than (30) days.

**Contraindications:** This catheter is not intended for any use other than that which is indicated. Do not implant catheter in thrombosed vessels.

Refer to Instructions for Use provided with the product for complete instructions, warnings, precautions, and contraindications. Observe all instructions for use prior to using products. Failure to do so may result in patient complications.



DOUBLE "D" INTERNAL LUMEN DESIGN

Polyurethane  
Material

Split Tip  
Tip Design

13F  
French Size

Straight,  
Pre-Curved,  
Raulerson IJ  
Configurations



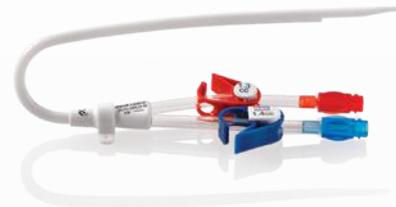
SPLIT TIP DESIGN



ARTERIOVENOUS WEAVE WITH DUAL STYLET



RAULERSON IJ CONFIGURATION



Refer to the Table of Contents for Important Risk Information regarding this device.



BASIC SET		
DSP134SE	13F X 12CM POLYURETHANE SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP136SE	13F X 15CM POLYURETHANE SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP138SE	13F X 20CM POLYURETHANE SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP139SE	13F X 24CM POLYURETHANE SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP134PSE	13F X 12CM POLYURETHANE IJ SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP136PSE	13F X 15CM POLYURETHANE IJ SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP138PSE	13F X 20CM POLYURETHANE IJ SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP139PSE	13F X 24CM POLYURETHANE IJ SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP134IJE	13F X 12CM POLYURETHANE RAULERSON IJ SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP136IJE	13F X 15CM POLYURETHANE RAULERSON IJ SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP138IJE	13F X 20CM POLYURETHANE RAULERSON IJ SHORT TERM DUO-SPLIT® BASIC SET	5/BOX
DSP139IJE	13F X 24CM POLYURETHANE RAULERSON IJ SHORT TERM DUO-SPLIT® BASIC SET	5/BOX

## BASIC SET CONTAINS:

- (1) Catheter w/ Stylets
- (2) End Caps
- (1) Dilator
- (1) Introducer Needle
- (1) Guidewire

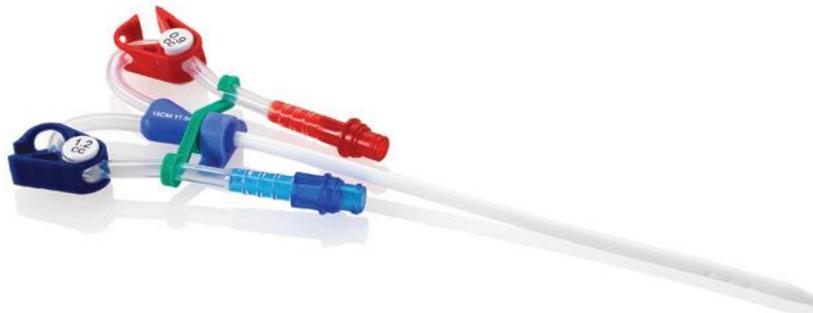




<b>Silicone</b> Material	<b>Tapered Tip</b> Tip Design	<b>8F, 11.5F, 13.5F</b> French Sizes	<b>Straight</b> Configuration
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DOUBLE "D" INTERNAL LUMEN DESIGN



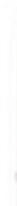
HOLLOW FAST TRACK STYLET



SILICONE HEMO-CATH®



ANGLED ARTERIAL TIP



BASIC SET		
SL12P	8F X 12CM HEMO-CATH® ST	10/BOX
SL15E	11.5F X 15CM HEMO-CATH® ST	10/BOX
SL20E	11.5F X 20CM HEMO-CATH® ST	10/BOX
SL24E	11.5F X 24CM HEMO-CATH® ST	10/BOX
SDL136E	13.5F X 15CM HEMO-CATH® ST	10/BOX
SDL138E	13.5F X 20CM HEMO-CATH® ST	10/BOX
SDL139E	13.5F X 24CM HEMO-CATH® ST	10/BOX
SDL1311E	13.5F X 28CM HEMO-CATH® ST	10/BOX
SDL1314E	13.5F X 35CM HEMO-CATH® ST	10/BOX

CATHETER ONLY		
SL15C	11.5F X 15CM HEMO-CATH® ST	10/BOX
SL20C	11.5F X 20CM HEMO-CATH® ST	10/BOX
SL24C	11.5F X 24CM HEMO-CATH® ST	10/BOX

**8F BASIC SET CONTAINS:**  
 (1) Catheter w/ Stylet  
 (1) Dilator  
 (1) Introducer Needle  
 (2) End Caps  
 (1) Guidewire  
 (1) Catheter Clip  
 (1) Adhesive Wound Dressing  
 (1) 10cc Syringe

**11F & 13.5F BASIC SET CONTAINS:**  
 (1) Catheter w/ Stylet  
 (1) Dilator  
 (1) Introducer Needle  
 (2) End Caps  
 (1) Guidewire  
 (1) Catheter Clip

**CATHETER ONLY SET CONTAINS:**  
 (1) Catheter w/ Stylet  
 (1) Catheter Clip  
 (2) End Caps

Refer to the Table of Contents for Important Risk Information regarding this device.



<b>Polyurethane</b> Material	<b>Tapered Tip</b> Tip Design	<b>9F, 11.5F</b> French Sizes	<b>Straight, Pre-Curved, Raulerson IJ</b> Configurations
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**TAPERED TIP**



**COAXIAL INTERNAL LUMEN DESIGN**



**RAULERSON IJ**



BASIC SET		
XTP94MT	9F X 12CM DUO-FLOW®, STRAIGHT	5/BOX
XTP96MT	9F X 15CM DUO-FLOW®, STRAIGHT	5/BOX
XTP98MT	9F X 20CM DUO-FLOW®, STRAIGHT	5/BOX

STRAIGHT		
XTP114MTE	11.5F X 12CM DUO-FLOW®, STRAIGHT	5/BOX
XTP116MTE	11.5F X 15CM DUO-FLOW®, STRAIGHT	5/BOX
XTP118MTE	11.5F X 20CM DUO-FLOW®, STRAIGHT	5/BOX
XTP119MTE	11.5F X 24CM DUO-FLOW®, STRAIGHT	5/BOX

- 9F BASIC SET CONTAINS:
- (1) Catheter
  - (1) Dilator
  - (1) Guidewire
  - (1) Adhesive Wound Dressing
  - (1) Introducer Needle
  - (2) End Caps
  - (1) Scalpel\*

- 11.5F BASIC SET CONTAINS:
- (1) Catheter
  - (1) Dilator
  - (1) Guidewire
  - (1) Adhesive Wound Dressing\*\*
  - (1) Introducer Needle
  - (2) End Caps

RAULERSON IJ		
XTP94IJS	9F X 12CM DUO-FLOW®, RAULERSON IJ	5/BOX
XTP96IJS	9F X 15CM DUO-FLOW®, RAULERSON IJ	5/BOX
XTP98IJS	9F X 18CM DUO-FLOW®, RAULERSON IJ	5/BOX
XTP114IJS	11.5F X 12CM DUO-FLOW®, RAULERSON IJ	5/BOX
XTP116IJS	11.5F X 15CM DUO-FLOW®, RAULERSON IJ	5/BOX
XTP118IJS	11.5F X 20CM DUO-FLOW®, RAULERSON IJ	5/BOX

PRE-CURVED		
XTP114IJS-2	11.5F X 12CM DUO-FLOW®, PRE-CURVED	5/BOX
XTP116IJS-2	11.5F X 15CM DUO-FLOW®, PRE-CURVED	5/BOX
XTP118IJS-2	11.5F X 20CM DUO-FLOW®, PRE-CURVED	5/BOX

\* RAULERSON IJ ONLY  
\*\* PRE-CURVED ONLY

Refer to the Table of Contents for Important Risk Information regarding this device.



DOUBLE "D" INTERNAL LUMEN DESIGN

Polyurethane  
Material

Step Tip  
Tip Design

13F  
French Sizes

Straight,  
Curved  
Extensions  
Configurations



HOLLOW STYLET

13F LUMEN SIZE

PATIENT CENTRIC CURVED EXTENSIONS

13F BASIC SET		
DFST136MTE	13F X 15CM DUO-FLOW® III, STRAIGHT	5/BOX
DFST137MTE	13F X 17.5CM DUO-FLOW® III, STRAIGHT	5/BOX
DFST138MTE	13F X 20CM DUO-FLOW® III, STRAIGHT	5/BOX
DFST1310MTE	13F X 25CM DUO-FLOW® III, STRAIGHT	5/BOX
DFST136CEE	13F X 15CM DUO-FLOW® III, CURVED EXTENSIONS	5/BOX
DFST137CEE	13F X 17.5CM DUO-FLOW® III, CURVED EXTENSIONS	5/BOX
DFST138CEE	13F X 20CM DUO-FLOW® III, CURVED EXTENSIONS	5/BOX
DFST1310CEE	13F X 25CM DUO-FLOW® III, CURVED EXTENSIONS	5/BOX

13F BASIC SET CONTAINS:

- (1) Catheter
- (1) Dilator
- (1) Guidewire
- (1) Introducer Needle
- (2) End Caps

Refer to the Table of Contents for Important Risk Information regarding this device.



**Polyurethane**  
Material

**Tapered Tip**  
Tip Design

**7F, 9F, 11.5F**  
French Sizes

**Straight,  
Pre-Curved**  
Configurations



COAXIAL INTERNAL  
LUMEN DESIGN



SOFT POLYURETHANE



360° ARTERIAL PORTS

TAPERED TIP

BASIC SET		
T73M	7F X 7CM DUO-FLOW® SOFT-LINE®, STRAIGHT	10/BOX
T74M	7F X 10CM DUO-FLOW® SOFT-LINE®, STRAIGHT	10/BOX
T94M	9F X 12CM DUO-FLOW® SOFT-LINE®, STRAIGHT	10/BOX
T96M	9F X 15CM DUO-FLOW® SOFT-LINE®, STRAIGHT	10/BOX
T98M	9F X 20CM DUO-FLOW® SOFT-LINE®, STRAIGHT	10/BOX
T114IJS-2	11.5F X 12CM DUO-FLOW® SOFT-LINE®, PRE-CURVED	10/BOX
T116IJS-2	11.5F X 15CM DUO-FLOW® SOFT-LINE®, PRE-CURVED	10/BOX
T118IJS-2	11.5F X 20CM DUO-FLOW® SOFT-LINE®, PRE-CURVED	10/BOX

BASIC SET		
T114ME	11.5F X 12CM DUO-FLOW® SOFT-LINE®, STRAIGHT	10/BOX
T116ME	11.5F X 15CM DUO-FLOW® SOFT-LINE®, STRAIGHT	10/BOX
T118ME	11.5F X 20CM DUO-FLOW® SOFT-LINE®, STRAIGHT	10/BOX

**7F & 9F BASIC SET**

CONTAINS:

- (1) Catheter
- (1) Dilator
- (1) Guidewire
- (1) Adhesive Wound Dressing
- (1) Introducer Needle
- (2) End Caps

**11.5F BASIC SET**

CONTAINS:

- (1) Catheter
- (1) Dilator
- (1) Guidewire
- (1) Adhesive Wound Dressing\*
- (1) Introducer Needle
- (2) End Caps

\*- Pre-Curved Only



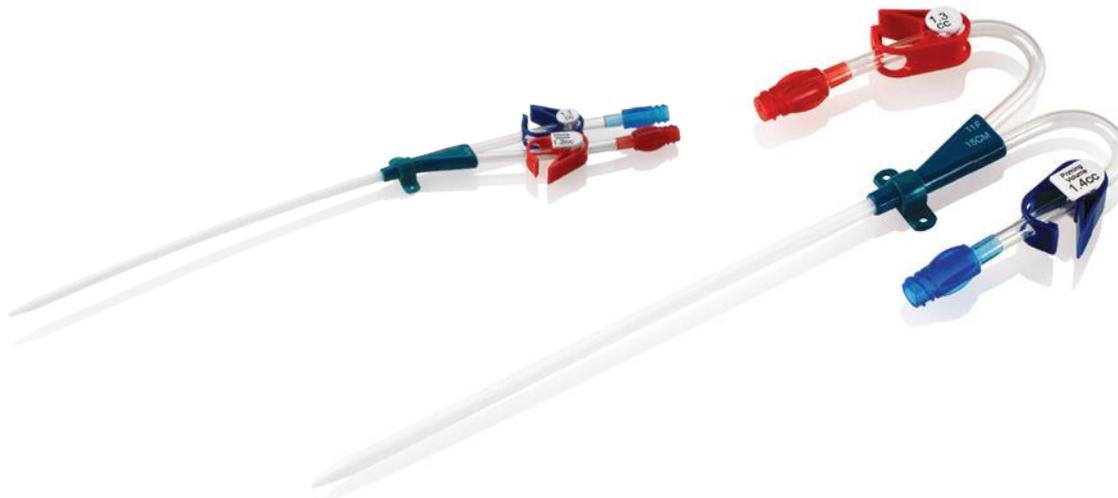
DOUBLE "D" INTERNAL LUMEN DESIGN

Polyurethane  
Material

Tapered Tip  
Tip Design

9F, 11F, 12F  
French Sizes

Straight,  
Curved  
Extensions  
Configurations



TAPERED TIP

FIVE LARGE ARTERIAL HOLES

BASIC SET		
XTP94MT=	9F X 12CM DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP96MT=	9F X 15CM DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP98MT=	9F X 20CM DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP94IJS=	9F X 12CM IJ DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP96IJS=	9F X 15CM IJ DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP114MT=	11F X 12CM DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP116MT=	11F X 15CM DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP118MT=	11F X 20CM DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP119MT=	11F X 24CM DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP114IJS=	11F X 12CM IJ DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP115IJS=	11F X 13.5CM IJ DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP116IJS=	11F X 15CM IJ DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP118IJS=	11F X 20CM IJ DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP126MT=*	12F X 15CM DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP128MT=*	12F X 20CM DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP129MT=	12F X 24CM DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP125IJS=	12F X 13CM IJ DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP126IJS=	12F X 15CM IJ DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX
XTP128IJS=	12F X 20CM IJ DUO-FLOW® SIDE X SIDE BASIC SET	10/BOX

\* Contains 5CC Syringe

CATHETER ONLY		
XTP114CT=	11F X 12CM DUO-FLOW® SIDE X SIDE CATHETER ONLY	10/BOX
XTP116CT=	11F X 15CM DUO-FLOW® SIDE X SIDE CATHETER ONLY	10/BOX
XTP118CT=	11F X 20CM DUO-FLOW® SIDE X SIDE CATHETER ONLY	10/BOX
XTP114IJC=	11F X 12CM IJ DUO-FLOW® SIDE X SIDE CATHETER ONLY	10/BOX
XTP116IJC=	11F X 15CM IJ DUO-FLOW® SIDE X SIDE CATHETER ONLY	10/BOX
XTP118IJC=	11F X 20CM IJ DUO-FLOW® SIDE X SIDE CATHETER ONLY	10/BOX

BASIC SET CONTAINS:

- (1) Catheter
- (1) Dilator
- (1) Guidewire
- (1) Introducer Needle
- (2) End Caps

CATHETER ONLY CONTAINS:

- (1) Catheter
- (2) End Caps

Refer to the Table of Contents for Important Risk Information regarding this device.



**Polyurethane**  
Material

**Tapered Tip**  
Tip Design

**14F**  
French Size

**Straight,  
Pre-Curved**  
Configurations



### COAXIAL INTERNAL LUMEN DESIGN



### TAPERED TIP

### 360° ARTERIAL PORTS



BASIC SET		
DFXL146MTE	14F X 15CM DUO-FLOW® 400XL BASIC SET, STRAIGHT	10/BOX
DFXL148MTE	14F X 20CM DUO-FLOW® 400XL BASIC SET, STRAIGHT	10/BOX
DFXL149MTE	14F X 24CM DUO-FLOW® 400XL BASIC SET, STRAIGHT	10/BOX
DFXL144IJSE	14F X 12CM DUO-FLOW® 400XL BASIC SET, PRE-CURVED	10/BOX
DFXL146IJSE	14F X 15CM DUO-FLOW® 400XL BASIC SET, PRE-CURVED	10/BOX
DFXL148IJSE	14F X 20CM DUO-FLOW® 400XL BASIC SET, PRE-CURVED	10/BOX
DFXL149IJSE	14F X 24CM DUO-FLOW® 400XL BASIC SET, PRE-CURVED	10/BOX

**BASIC SET  
CONTAINS:**  
(1) Catheter  
(1) Dilator  
(1) Guidewire  
(1) Introducer Needle  
(2) End Caps

Refer to the Table of Contents for Important Risk Information regarding this device.



COAXIAL INTERNAL LUMEN DESIGN

<b>Polyurethane</b> Material	<b>Coaxial</b> Tip Design	<b>12.5F, 15.5F</b> French Sizes	<b>Straight, Raulerson IJ</b> Configurations	<b>360° Coaxial</b> Lumen Design
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PRE-LOADED STYLET    ROTATING SUTURE WING    OPEN TIP

STRAIGHT		
MFFS1215S	12.5F X 15CM FREE-FLOW® W/ STYLET, STRAIGHT	5/BOX
MFFS1220S	12.5F X 20CM FREE-FLOW® W/ STYLET, STRAIGHT	5/BOX
MFFS1224S	12.5F X 24CM FREE-FLOW® W/ STYLET, STRAIGHT	5/BOX
RAULERSON IJ		
MFFS1212IJ	12.5F X 12CM IJ FREE-FLOW® W/ STYLET	5/BOX
MFFS1215IJ	12.5F X 15CM IJ FREE-FLOW® W/ STYLET	5/BOX
MFFS1220IJ	12.5F X 20CM IJ FREE-FLOW® W/ STYLET	5/BOX
IJ WITH TWO WINGS		
MFFS1212IJ-2	12.5F X 12CM IJ FREE-FLOW® W/ STYLET AND 2 SUTURE WINGS	5/BOX
MFFS1215IJ-2	12.5F X 15CM IJ FREE-FLOW® W/ STYLET AND 2 SUTURE WINGS	5/BOX
MFFS1220IJ-2	12.5F X 20CM IJ FREE-FLOW® W/ STYLET AND 2 SUTURE WINGS	5/BOX
STRAIGHT		
MFFS1515S	15.5F X 15CM FREE-FLOW® W/ STYLET, STRAIGHT	5/BOX
MFFS1520S	15.5F X 20CM FREE-FLOW® W/ STYLET, STRAIGHT	5/BOX
MFFS1524S	15.5F X 24CM FREE-FLOW® W/ STYLET, STRAIGHT	5/BOX
RAULERSON IJ		
MFFS1512IJ	15.5F X 12CM IJ FREE-FLOW® W/ STYLET CATHETER SET	5/BOX
MFFS1515IJ	15.5F X 15CM IJ FREE-FLOW® W/ STYLET CATHETER SET	5/BOX
MFFS1520IJ	15.5F X 20CM IJ FREE-FLOW® W/ STYLET CATHETER SET	5/BOX

**BASIC SET CONTAINS:**  
 (1) Catheter w/ Stylet  
 (3) Dilators  
 (1) Guidewire  
 (1) Introducer Needle  
 (2) End Caps

Refer to the Table of Contents for Important Risk Information regarding this device.



<b>Polyurethane</b>	<b>Tapered Tip</b>	<b>13.5F</b>	<b>Straight</b>
Material	Tip Design	French Size	Configuration



TRIPLE INTERNAL  
LUMEN DESIGN



CATHETER ONLY		
AS01135120E.	13.5F X 12CM TRIO-CT® CATHETER ONLY	10/BOX
AS01135150E.	13.5F X 15CM TRIO-CT® CATHETER ONLY	10/BOX
AS01135200E.	13.5F X 20CM TRIO-CT® CATHETER ONLY	10/BOX
AS01135240E.	13.5F X 24CM TRIO-CT® CATHETER ONLY	10/BOX
AS01135300E.	13.5F X 30CM TRIO-CT® CATHETER ONLY	10/BOX

**CATHETER ONLY CONTAINS:**

- (1) Catheter
- (1) Dilator
- (1) Attachable Suture Wing
- (3) End Caps
- (1) Patient ID Card
- (1) Patient Chart Sticker

BASIC SET		
AS01135121E.	13.5F X 12CM TRIO-CT® BASIC SET	5/BOX
AS01135151E.	13.5F X 15CM TRIO-CT® BASIC SET	5/BOX
AS01135201E.	13.5F X 20CM TRIO-CT® BASIC SET	5/BOX
AS01135241E.	13.5F X 24CM TRIO-CT® BASIC SET	5/BOX
AS01135301E.	13.5F X 30CM TRIO-CT® BASIC SET	5/BOX

**BASIC SET CONTAINS:**

- (1) Catheter
- (1) Introducer Needle
- (1) Guidewire
- (1) Dilator
- (1) Attachable Suture Wing
- (3) End Caps
- (1) Patient ID Card
- (1) Patient Chart Sticker

BASIC SET ME		
AS01135121ME	13.5F X 12CM TRIO-CT® BASIC SET	5/BOX
AS01135151ME	13.5F X 15CM TRIO-CT® BASIC SET	5/BOX
AS01135201ME	13.5F X 20CM TRIO-CT® BASIC SET	5/BOX
AS01135241ME	13.5F X 24CM TRIO-CT® BASIC SET	5/BOX
AS01135301ME	13.5F X 30CM TRIO-CT® BASIC SET	5/BOX

**BASIC SET ME CONTAINS:**

- (1) Catheter
- (1) Introducer Needle
- (1) Guidewire
- (1) Dilator
- (1) Scalpel
- (1) Adhesive Wound Dressing
- (1) Attachable Suture Wing
- (3) End Caps
- (1) Patient ID Card
- (1) Patient Chart Sticker

Refer to the Table of Contents for Important Risk Information regarding this device.



TRIPLE INTERNAL LUMEN DESIGN

<b>Polyurethane</b> Material	<b>Step Tip</b> Tip Design	<b>15.5F</b> French Size	<b>Straight</b> Configuration
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CT CATHETER ONLY		
MC013541	15.5F X 15CM T-3 <sup>®</sup> CT, STRAIGHT EXTENSION	5/BOX
MC013542	15.5F X 20CM T-3 <sup>®</sup> CT, STRAIGHT EXTENSION	5/BOX
MC013543	15.5F X 24CM T-3 <sup>®</sup> CT, STRAIGHT EXTENSION	5/BOX
MC013544	15.5F X 28CM T-3 <sup>®</sup> CT, STRAIGHT EXTENSION	5/BOX
MC013545	15.5F X 32CM T-3 <sup>®</sup> CT, STRAIGHT EXTENSION	5/BOX

CT CATHETER ONLY CONTAINS:  
 (1) Catheter  
 (3) Dilators  
 (1) Valved Peelable Introducer  
 (1) Patient ID Card  
 (3) End Caps

CT BASIC SET		
MC013501	15.5F X 15CM T-3 <sup>®</sup> CT, STRAIGHT EXTENSION	5/BOX
MC013502	15.5F X 20CM T-3 <sup>®</sup> CT, STRAIGHT EXTENSION	5/BOX
MC013503	15.5F X 24CM T-3 <sup>®</sup> CT, STRAIGHT EXTENSION	5/BOX
MC013504	15.5F X 28CM T-3 <sup>®</sup> CT, STRAIGHT EXTENSION	5/BOX
MC013505	15.5F X 32CM T-3 <sup>®</sup> CT, STRAIGHT EXTENSION	5/BOX

CT BASIC SET CONTAINS:  
 (1) Catheter  
 (3) Dilators  
 (1) Scalpel  
 (1) Valved Peelable Introducer  
 (1) Guidewire  
 (1) Adhesive Wound Dressing  
 (1) 2-0 Silk Suture  
 (1) Patient ID Card  
 (3) End Caps  
 (1) Introducer Needle

Refer to the Table of Contents for Important Risk Information regarding this device.



**Polyurethane**  
Material

**Tapered Tip**  
Tip Design

**11.5F**  
French Size

**Straight,  
Curved  
Extensions**  
Configurations



TRIPLE INTERNAL  
LUMEN DESIGN



BASIC SET		
XTP3114MTE	11.5F X 12CM STRAIGHT TRI-FLOW CATHETER SET	10/BOX
XTP3116MTE	11.5F X 15CM STRAIGHT TRI-FLOW CATHETER SET	10/BOX
XTP3118MTE	11.5F X 20CM STRAIGHT TRI-FLOW CATHETER SET	10/BOX
XTP3119MTE	11.5F X 24CM STRAIGHT TRI-FLOW CATHETER SET	10/BOX

BASIC SET - CURVED EXTENSIONS		
XTP3116IUSE	11.5F X 15CM CE TRI-FLOW CATHETER SET	10/BOX
XTP3118IUSE	11.5F X 20CM CE TRI-FLOW CATHETER SET	10/BOX

**BASIC SET CONTAINS:**

- (1) Catheter
- (1) Dilator
- (1) Guidewire
- (1) Introducer Needle
- (3) End Caps

Refer to the Table of Contents for Important Risk Information regarding this device.



# FEMORAL

<b>Polyurethane</b> Material	<b>Tapered Tip</b> Tip Design	<b>7F, 8.5F, 9F</b> French Sizes	<b>Single Lumen, Straight</b> Configurations
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**MULTIPLE CONFIGURATIONS**  
Available in double or single lumen designs.

**USEFUL IN OVER-THE-WIRE AND  
OVER-THE-NEEDLE INSERTIONS**

CATHETER ONLY		
MCF64	7F X 13.5CM FEMORAL CATHETER, STRAIGHT	10/BOX
MCF55	8.5F X 14CM FEMORAL CATHETER, STRAIGHT	10/BOX
MCF10	8.5F X 25CM FEMORAL CATHETER, STRAIGHT	10/BOX
MCF6	8.5F X 15CM FEMORAL CATHETER, STRAIGHT	10/BOX

CATHETER ONLY CONTAINS:

- (1) Catheter
- (1 | 2) End Cap(s)
- (1) "Y" Hub

\*MCF6 Only

BASIC SET		
MCFK64	7F X 13.5CM FEMORAL CATHETER, STRAIGHT	10/BOX
MCFK100	8.5F X 25CM FEMORAL CATHETER, STRAIGHT	10/BOX
MCFK550	9F X 14CM FEMORAL CATHETER, STRAIGHT	10/BOX
MCFK60	8.5F X 15CM FEMORAL CATHETER, STRAIGHT	10/BOX

BASIC SET CONTAINS:

- (1) Catheter
- (1 | 2) End Cap(s)
- (1) "Y" Hub
- (1) Introducer Needle
- (1) Guidewire

\*MCFK6 Only

# SUBCLAVIAN

<b>Polyurethane</b> Material	<b>Tapered Tip</b> Tip Design	<b>8F</b> French Size	<b>Single Lumen, Straight</b> Configurations
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ROTATING SUTURE WING

REMOVABLE "Y" ADAPTER  
And pre-loaded stylet.

BASIC SET		
MCYK306PSE	8F X 15CM SUBCLAVIAN CATHETER, WITH REMOVABLE "Y" HUB	10/BOX
MCYK308PSE	8F X 20CM SUBCLAVIAN CATHETER, WITH REMOVABLE "Y" HUB	10/BOX

BASIC SET CONTAINS:

- (1) Catheter w/ Stylet
- (1) Removable "Y" Adaptor
- (2) End Caps
- (1) Introducer Needle
- (1) Guidewire
- (1) Cap

Refer to the Table of Contents for Important Risk Information regarding this device.





Pro-PICC®

Vascu-PICC®

Vascu-PICC® TL

Vascu-PICC® TLS

Valved Pro-PICC®

Valved Vascu-PICC®

### IMPORTANT RISK INFORMATION

#### PRO-PICC®

**Indications for Use:** The Pro-PICC® CT catheter is indicated for short or long term peripheral access to the central venous system for intravenous therapy and power injection of contrast media, and allows for central venous pressure monitoring. For blood sampling, infusion, or therapies, use a 4F or larger catheter. The maximum recommended infusion rate varies by catheter French size and is printed on the catheter.

**Contraindications:** The presence of device related infection, bacteremia, or septicemia is known or suspected. The patient's body size is insufficient to accommodate the size of the implanted device. The patient is known or is suspected to be allergic to materials contained in the device. There has been past irradiation of prospective insertion site. There have been previous episodes of venous thrombosis or vascular surgical procedures at the prospective placement site. There are local tissue factors that may prevent proper device stabilization and/or access.

#### VASCU-PICC® / VASCU-PICC® TL

**Indications for Use:** The Peripherally Inserted Central Vein Access Catheters are designed for Long or Short- Term peripheral access to the central venous system for intravenous therapy and blood sampling, and allows for central venous pressure monitoring. This catheter may be inserted via the basilic, cephalic, or median cubital vein.

**Contraindications:** This catheter is not intended for any use other than that which is indicated. Do not implant catheter in thrombosed vessels. The presence of skin related problems around the insertion site (infection, phlebitis, scars, etc.). The presence of device related bacteremia or septicemia. History of mastectomy on insertion side. Previous history of venous/subclavian thrombosis or vascular surgical procedures at insertion site. Fever of unknown origin. The patient's body size is insufficient to accommodate the size of the implanted device. The patient is known or is suspected to be allergic to materials contained in the device. Past irradiation of prospective insertion site. Local tissue factors will prevent proper device stabilization and/or access.

#### VASCU-PICC® TLS

**Indications for Use:** The 1.9F and 2.6F Peripherally Inserted Central Vein Access Catheters are indicated for short or long term access to the central venous system via peripheral insertion in neonates, infants, and children. It may be used for administration of fluids, medication, and nutritional therapy. Recommended insertion sites are the median cubital vein of the elbow or the basilic vein. The long saphenous veins of the ankle may also be used. This catheter is not suitable for insertion through non-superficial veins.

**Contraindications:** This catheter is not intended for any use other than that which is indicated. Do not implant catheter in thrombosed vessels. The presence of skin related problems around the insertion site (infection, phlebitis, scars, etc.). The presence of device related bacteremia or septicemia. Previous history of venous/subclavian thrombosis or vascular surgical procedures at insertion site. Fever of unknown origin. The patient's body size is insufficient to accommodate the size of the implanted device. The patient is known or is suspected to be allergic to materials contained in the device. Past irradiation of prospective insertion site. Local tissue factors will prevent proper device stabilization and/or access.

#### VALVED PRO-PICC®

**Indications for Use:** The Pro-PICC® CT catheter with valve technology is indicated for short or long term peripheral access to the central venous system for intravenous therapy and power injection of contrast media, and allows for central venous pressure monitoring. For blood sampling, infusion, or therapies, use a 4F or larger catheter. The maximum recommended infusion rate varies by catheter French size and is printed on the catheter.

**Contraindications:** The presence of device related infection, bacteremia, or septicemia is known or suspected. The patient's body size is insufficient to accommodate the size of the implanted device. The patient is known or is suspected to be allergic to materials contained in the device. There has been past irradiation of prospective insertion site. There have been previous episodes of venous thrombosis or vascular surgical procedures at the prospective placement site. There are local tissue factors that may prevent proper device stabilization and/or access.

Refer to Instructions for Use provided with the product for complete instructions, warnings, precautions, and contraindications. Observe all instructions for use prior to using products. Failure to do so may result in patient complications.



Single,  
Double,  
Triple  
Lumens

55cm, 60cm  
Lengths

3F, 4F, 5F, 6F  
French Sizes

5cc/sec  
@300psi\*  
Injection Rating



POWER INJECTABLE  
Capable of CT injections  
up to 5cc/sec at 300 psi for  
diagnostic imaging.\*



\*Except 3F Pro-PICC®



Refer to the Table of Contents for Important Risk Information regarding this device.



CATHETER ONLY		
MR17033100	3F X 55CM PRO-PICC®, SINGLE LUMEN	EACH
MR17034100	4F X 55CM PRO-PICC®, SINGLE LUMEN	EACH
MR17035100	5F X 60CM PRO-PICC®, SINGLE LUMEN	EACH
MR17035200	5F X 55CM PRO-PICC®, DOUBLE LUMEN	EACH

CATHETER ONLY CONTAINS:  
 (1) PICC w/ Stylet  
 (1) Needle Free Valve(s)  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker  
 (1) Patient ID Card

BASIC SET		
MR17033101	3F X 55CM PRO-PICC®, SINGLE LUMEN	EACH
MR17034101	4F X 55CM PRO-PICC®, SINGLE LUMEN	EACH
MR17035101	5F X 60CM PRO-PICC®, SINGLE LUMEN	EACH
MR17035201	5F X 55CM PRO-PICC®, DOUBLE LUMEN	EACH
MR17036201	6F X 60CM PRO-PICC®, DOUBLE LUMEN	EACH
MR17036301	6F X 60CM PRO-PICC®, TRIPLE LUMEN	EACH

BASIC SET CONTAINS:  
 (1) PICC w/ Stylet  
 (1) Peelable Sheath Introducer  
 (1) Mini Scalpel  
 (1) Guidewire  
 (1) 10cc Syringe  
 (1) Tape Measure  
 (1) Introducer Needle  
 (1) Needle Free Valve(s)  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker  
 (1) Patient ID Card

LONG WIRE SET		
MR17033102	3F X 55CM PRO-PICC®, SINGLE LUMEN	EACH
MR17034102	4F X 55CM PRO-PICC®, SINGLE LUMEN	EACH
MR17035102	5F X 60CM PRO-PICC®, SINGLE LUMEN	EACH
MR17035202	5F X 55CM PRO-PICC®, DOUBLE LUMEN	EACH
MR17036202	6F X 60CM PRO-PICC®, DOUBLE LUMEN	EACH
MR17036302	6F X 60CM PRO-PICC®, TRIPLE LUMEN	EACH

LONG WIRE SET CONTAINS:  
 (1) PICC  
 (1) Peelable Sheath Introducer  
 (1) Mini Scalpel  
 (1) Guidewire  
 (1) 10cc Syringe  
 (1) Tape Measure  
 (1) Introducer Needle  
 (1) Needle Free Valve(s)  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker  
 (1) Patient ID Card

NURSING KIT		
MR17033105	3F X 55CM PRO-PICC®, SINGLE LUMEN	EACH
MR17034105	4F X 55CM PRO-PICC®, SINGLE LUMEN	EACH
MR17035105	5F X 60CM PRO-PICC®, SINGLE LUMEN	EACH
MR17035205	5F X 55CM PRO-PICC®, DOUBLE LUMEN	EACH
MR17036205	6F X 60CM PRO-PICC®, DOUBLE LUMEN	EACH
MR17036305	6F X 60CM PRO-PICC®, TRIPLE LUMEN	EACH

NURSING KIT CONTAINS:  
 (1) PICC w/ Stylet  
 (1) Peelable Sheath Introducer  
 (1) Safety Scalpel  
 (1) Guidewire  
 (1) 10cc Syringe  
 (1) Tape Measure  
 (1) Safety Introducer Needle  
 (1) Needle Free Valve(s)  
 (1) Latex-Free Tourniquet  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker  
 (1) Patient ID Card

CUT DOWN VERSION SAFETY		
MRCTP41024	4F X 55CM PRO-PICC®, SINGLE LUMEN	EACH
MRCTP51024	5F X 60CM PRO-PICC®, SINGLE LUMEN	EACH
MRCTP52024	5F X 55CM PRO-PICC®, DOUBLE LUMEN	EACH
MRCTP62024	6F X 60CM PRO-PICC®, DOUBLE LUMEN	EACH
MRCTP63024	6F X 60CM PRO-PICC®, TRIPLE LUMEN	EACH

CUT DOWN VERSION SAFETY CONTAINS:  
 (1) PICC w/ Stylet  
 (1) Peelable Sheath Introducer  
 (1) Safety Introducer Needle  
 (1) Guidewire  
 (1) Safety Scalpel  
 (1) Tape Measure  
 (1) Catheter Securement Device

CUT DOWN VERSION NON SAFETY		
MRCTP41028	4F X 55CM PRO-PICC®, SINGLE LUMEN	EACH
MRCTP51028	5F X 60CM PRO-PICC®, SINGLE LUMEN	EACH
MRCTP52028	5F X 55CM PRO-PICC®, DOUBLE LUMEN	EACH
MRCTP62028	6F X 60CM PRO-PICC®, DOUBLE LUMEN	EACH

CUT DOWN VERSION NON SAFETY CONTAINS:  
 (1) PICC w/ Stylet  
 (1) Peelable Sheath Introducer  
 (1) Introducer Needle  
 (1) Guidewire  
 (1) Mini Scalpel  
 (1) Tape Measure  
 (1) Catheter Securement Device



<b>Single, Double</b> Lumens	<b>60cm</b> Length	<b>3F, 4F, 5F, 6F</b> French Sizes
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REVERSE TAPER LUMEN DESIGN



DEPTH MARKS



CATHETER ONLY		
MR17013100	3F X 60CM VASCU-PICC®, SINGLE LUMEN	EACH
MR17014100	4F X 60CM VASCU-PICC®, SINGLE LUMEN	EACH
MR17014200	4F X 60CM VASCU-PICC®, DOUBLE LUMEN	EACH
MR17015200	5F X 60CM VASCU-PICC®, DOUBLE LUMEN	EACH
MR17016200	6F X 60CM VASCU-PICC®, DOUBLE LUMEN	EACH

LONG WIRE SET		
MR17014102	4F X 60CM VASCU-PICC®, SINGLE LUMEN	EACH
MR17015202	5F X 60CM VASCU-PICC®, DOUBLE LUMEN	EACH

BASIC SET		
MR17013101	3F X 60CM VASCU-PICC®, SINGLE LUMEN	EACH
MR17014101	4F X 60CM VASCU-PICC®, SINGLE LUMEN	EACH
MR17015101	5F X 60CM VASCU-PICC®, SINGLE LUMEN	EACH
MR17014201	4F X 60CM VASCU-PICC®, DOUBLE LUMEN	EACH
MR17015201	5F X 60CM VASCU-PICC®, DOUBLE LUMEN	EACH
MR17016201	6F X 60CM VASCU-PICC®, DOUBLE LUMEN	EACH

NURSING KIT		
MR17013105	3F X 60CM VASCU-PICC®, SINGLE LUMEN	EACH
MR17014105	4F X 60CM VASCU-PICC®, SINGLE LUMEN	EACH
MR17015105	5F X 60CM VASCU-PICC®, SINGLE LUMEN	EACH
MR17014205	4F X 60CM VASCU-PICC®, DOUBLE LUMEN	EACH
MR17015205	5F X 60CM VASCU-PICC®, DOUBLE LUMEN	EACH

OTN SET		
VP3S-MNS	3F X 60CM SINGLE VASCU-PICC® W/ OTN INTRODUCER SET	EACH
VP5S-MNS	5F X 60CM SINGLE VASCU-PICC® W/ OTN INTRODUCER SET	EACH
VP4D-MNS	4F X 60CM DUAL VASCU-PICC® W/ OTN INTRODUCER SET	EACH
VP5D-MNS	5F X 60CM DUAL VASCU-PICC® W/ OTN INTRODUCER SET	EACH

**CATHETER ONLY CONTAINS:**  
 (1) PICC w/ Stylet  
 (1 | 2) Needle Free Valve(s)  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker  
 (1) Vascu-PICC® IFU

**BASIC SET CONTAINS:**  
 (1) PICC w/ Stylet  
 (1) Peelable Sheath Introducer  
 (1) Mini Scalpel  
 (1) Guidewire  
 (1) 10cc Syringe  
 (1) Tape Measure  
 (1) Introducer Needle  
 (1 | 2) Needle Free Valve(s)  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker

**LONG WIRE SET CONTAINS:**  
 (1) PICC  
 (1) Peelable Sheath Introducer  
 (1) Mini Scalpel  
 (1) Guidewire  
 (1) 10cc Syringe  
 (1) Tape Measure  
 (1) Introducer Needle  
 (1 | 2) Needle Free Valve(s)  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker

**NURSING KIT CONTAINS:**  
 (1) PICC w/ Stylet  
 (1) Peelable Sheath Introducer  
 (1) Safety Scalpel  
 (1) Guidewire  
 (1) 10cc Syringe  
 (1) Tape Measure  
 (1) Safety Introducer Needle  
 (1 | 2) Needle Free Valve(s)  
 (1) Latex-Free Tourniquet  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker

**OTN SET CONTAINS:**  
 (1) Vascu-PICC® TLS  
 (1) Peelable Sheath Introducer  
 (1) Guidewire  
 (1) Tape Measure  
 (1) 10cc Syringe  
 (1 | 2) Needle Free Valve(s)  
 (1) Catheter Securement Device  
 (1) Patient Chart Sticker  
 (1) Patient Information Pack

Refer to the Table of Contents for Important Risk Information regarding this device.



<b>Single, Double</b> Lumens	<b>60cm</b> Length	<b>3F, 4F, 5F</b> French Sizes
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TAPERLESS LUMEN DESIGN



DEPTH MARKS



CATHETER ONLY		
MR81013100	3F X 60CM VASCU-PICC® TL, SINGLE LUMEN	EACH
MR81014100	4F X 60CM VASCU-PICC® TL, SINGLE LUMEN	EACH
MR81014200	4F X 60CM VASCU-PICC® TL, DOUBLE LUMEN	EACH

BASIC SET		
MR81013101	3F X 60CM VASCU-PICC® TL, SINGLE LUMEN	EACH
MR81014101	4F X 60CM VASCU-PICC® TL, SINGLE LUMEN	EACH
MR81015101	5F X 60CM VASCU-PICC® TL, SINGLE LUMEN	EACH
MR81014201	4F X 60CM VASCU-PICC® TL, DOUBLE LUMEN	EACH
MR81015201	5F X 60CM VASCU-PICC® TL, DOUBLE LUMEN	EACH

BASIC NURSING		
MR81013105	3F X 60CM VASCU-PICC® TL, SINGLE LUMEN	EACH
MR81014105	4F X 60CM VASCU-PICC® TL, SINGLE LUMEN	EACH
MR81015105	5F X 60CM VASCU-PICC® TL, SINGLE LUMEN	EACH
MR81014205	4F X 60CM VASCU-PICC® TL, DOUBLE LUMEN	EACH
MR81015205	5F X 60CM VASCU-PICC® TL, DOUBLE LUMEN	EACH

**CATHETER ONLY CONTAINS:**  
 (1) Vascu-PICC® TL w/ Stylet  
 (1|2) Needle Free Valve(s)  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker

**BASIC SET CONTAINS:**  
 (1) Vascu-PICC® TL w/ Stylet  
 (1) Introducer Needle  
 (1) Peelable Sheath Introducer  
 (1) 10cc Syringe  
 (1) Guidewire  
 (1) Mini Scalpel  
 (1|2) Needle Free Valve(s)  
 (1) Tape Measure  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker

**BASIC NURSING CONTAINS:**  
 (1) Vascu-PICC® TL w/ Stylet  
 (1) Safety Introducer Needle  
 (1) Tape Measure  
 (1) Peelable Sheath Introducer  
 (1) 10cc Syringe  
 (1) Guidewire  
 (1) Safety Scalpel  
 (1|2) Needle Free Valve(s)  
 (1) Latex Free Tourniquet  
 (1) Catheter Securement Device  
 (1) Patient Information Pack  
 (1) Patient Chart Sticker

Refer to the Table of Contents for Important Risk Information regarding this device.

<b>Single, Double</b> Lumens	<b>20cm, 50cm</b> Lengths	<b>1.9F, 2.6F</b> French Sizes
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INDICATED FOR PEDIATRIC USE

TAPERLESS LUMEN DESIGN



CATHETER ONLY		
MR17011100	1.9F X 50CM VASCU-PICC® SV, SINGLE LUMEN	EACH
MR17012600	2.6F X 50CM VASCU-PICC® SV, DOUBLE LUMEN	EACH

BASIC SET WITH OTN		
MR17011121	1.9F X 20CM VASCU-PICC® TLS, SINGLE LUMEN	EACH
MR17011101	1.9F X 50CM VASCU-PICC® TLS, SINGLE LUMEN	EACH
MR17012621	2.6F X 20CM VASCU-PICC® TLS, DOUBLE LUMEN	EACH
MR17012601	2.6F X 50CM VASCU-PICC® TLS, DOUBLE LUMEN	EACH

CATHETER ONLY CONTAINS:

- (1) Vascu-PICC® TLS w/ Preloaded Stylet
- (1|2) Needle Free Valve(s)
- (1) Catheter Securement Device
- (1) Patient Information Pack
- (1) Patient Chart Sticker

BASIC SET WITH OTN CONTAINS:

- (1) Vascu-PICC® TLS w/ Preloaded Stylet
- (1) Peelable Sheath Introducer
- (1) Latex Free Tourniquet
- (1) Tape Measure
- (10) 2" x 2" Gauze
- (1) 10cc Syringe
- (1|2) Needle Free Valve(s)
- (1) Catheter Securement Device
- (1) Patient Chart Sticker

Refer to the Table of Contents for Important Risk Information regarding this device.



BASIC SET TLS WITH CUFF		
MR17012608	2.6F X 50CM VASCU-PICC® TLS WITH CUFF, DOUBLE LUMEN	EACH
MR17012628	2.6F X 20CM VASCU-PICC® TLS WITH CUFF, DOUBLE LUMEN	EACH

BASIC SET TLS WITH MST		
MR170111024S	1.9F X 50CM VASCU-PICC® TLS WITH MST, SINGLE LUMEN	EACH
MR170111224S	1.9F X 20CM VASCU-PICC® TLS WITH MST, SINGLE LUMEN	EACH
MR170126024S	2.6F X 50CM VASCU-PICC® TLS WITH MST, DOUBLE LUMEN	EACH
MR170126224S	2.6F X 20CM VASCU-PICC® TLS WITH MST, DOUBLE LUMEN	EACH

BASIC SET TLS - NO MST COMPONENTS INCLUDED		
MR17021101	1.9F X 50CM VASCU-PICC® TLS, SINGLE LUMEN	EACH
MR17021121	1.9F X 20CM VASCU-PICC® TLS, SINGLE LUMEN	EACH
MR17022601	2.6F X 50CM VASCU-PICC® TLS, DOUBLE LUMEN	EACH
MR17022621	2.6F X 20CM VASCU-PICC® TLS, DOUBLE LUMEN	EACH

NEONATAL WITHOUT STYLET SET		
VP1.9S20-NS	1.9F X 20CM NEONATAL SINGLE LUMEN PICC CATHETER W/O STYLET	EACH
VP1.9S50-NS	1.9F X 50CM NEONATAL SINGLE LUMEN PICC CATHETER W/O STYLET	EACH

2F MST KITS		
MR1902224S	2F MST WITH 20CM WIRE & 24GA SAFETY NEEDLE	EACH
MR1902222S	2F MST WITH 20CM WIRE & 22GA SAFETY NEEDLE	EACH
MR1902222	2F MST WITH 20CM WIRE & 22GA	EACH
MR1902424S	2F MST WITH 40CM WIRE & 24GA SAFETY NEEDLE	EACH
MR1902422S	2F MST WITH 40CM WIRE & 22GA SAFETY NEEDLE	EACH
MR1902422	2F MST WITH/ 40CM WIRE & 22GA	EACH
MR1902624S	2F MST WITH 60CM WIRE & 24GA SAFETY NEEDLE	EACH
MR1902622S	2F MST WITH 60CM WIRE & 22GA SAFETY NEEDLE	EACH
MR1902622	2F MST WITH 60CM WIRE & 22GA	EACH

3F MST KITS		
MR1903224S	3F MST WITH 20CM WIRE & 24GA SAFETY NEEDLE	EACH
MR1903222S	3F MST WITH 20CM WIRE & 22GA SAFETY NEEDLE	EACH
MR1903222	3F MST WITH 20CM WIRE & 22GA	EACH
MR1903424S	3F MST WITH 40CM WIRE & 24GA SAFETY NEEDLE	EACH
MR1903422S	3F MST WITH 40CM WIRE & 22GA SAFETY NEEDLE	EACH
MR1903422	3F MST WITH 40CM WIRE & 22GA	EACH
MR1903624S	3F MST WITH 60CM WIRE & 24GA SAFETY NEEDLE	EACH
MR1903622S	3F MST WITH 60CM WIRE & 22GA SAFETY NEEDLE	EACH
MR1903622	3F MST WITH 60CM WIRE & 22GA	EACH

ACCESSORIES		
VS203	2F TEARAWAY INTRODUCER	EACH
VS303	3F TEARAWAY INTRODUCER	EACH
MC222S	22GA X 2CM SAFETY NEEDLE	EACH
MC242S	24GA X 2CM SAFETY NEEDLE	EACH
MR190040	.010 X 40CM NITINOL GUIDE WIRE	EACH
MR190060	.010 X 60CM STEEL GUIDE WIRE	EACH
MRI19100801	.010 X 80CM STEEL GUIDE WIRE	EACH

**BASIC SET TLS w/ CUFF CONTAINS:**

- (1) PICC w/ Stylet
- (1) Tearaway Introducer
- (2) Needle Free Valves
- (10) 2" x 2" Gauze
- (1) 10cc Syringe
- (1) Latex Free Tourniquet
- (1) Tape Measure
- (1) Catheter Securement Device
- (1) Patient Chart Sticker

**BASIC SET w/ MST CONTAINS:**

- (1) PICC w/ Stylet
- (1) Tearaway Introducer
- (1) 2) Needle Free Valve(s)
- (10) 2" x 2" Gauze
- (1) 10cc Syringe
- (1) Latex Free Tourniquet
- (1) Guidewire
- (1) Tape Measure
- (1) 24ga Safety Needle
- (1) Catheter Securement Device
- (1) Patient Chart Sticker

**BASIC SET TLS - NO MST CONTAINS:**

- (1) PICC w/ Stylet
- (1) 2) Needle Free Valve(s)
- (10) 2" x 2" Gauze
- (1) 10cc Syringe
- (1) Latex Free Tourniquet
- (1) Tape Measure
- (1) Catheter Securement Device
- (1) Safety Scalpel\*
- (1) Patient Chart Sticker

\*2.6F ONLY

**NEONATAL WITHOUT STYLET SET CONTAINS:**

- (1) Vascu-PICC® TLS
- (1) Peelable Sheath Introducer
- (1) Latex Free Tourniquet
- (1) Tape Measure
- (10) 2" x 2" Gauze
- (1) 10cc Syringe
- (1) Needle Free Valve
- (1) Catheter Securement Device
- (1) Patient Chart Sticker

**2F MST KITS CONTAINS:**

- (1) Peelable Sheath Introducer
- (1) Needle
- (1) Guidewire

**3F MST KITS CONTAINS:**

- (1) Peelable Sheath Introducer
- (1) Needle
- (1) Guidewire

Refer to the Table of Contents for Important Risk Information regarding this device.

# VALVED PRO-PICC®

<b>Single, Double, Triple</b> Lumens	<b>55cm, 60cm</b> Lengths	<b>4F, 5F, 6F</b> French Sizes	<b>5cc/sec @300psi</b> Injection Rating
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CLAMP FREE EXTENSIONS

CVP MONITORING

SALINE ONLY FLUSH

BASIC SET		
MR82034101	4F X 55CM PRO-PICC® VALVED, SINGLE LUMEN	EACH
MR82035101	5F X 60CM PRO-PICC® VALVED, SINGLE LUMEN	EACH
MR82035201	5F X 55CM PRO-PICC® VALVED, DOUBLE LUMEN	EACH
MR82036301	6F X 60CM PRO-PICC® VALVED, TRIPLE LUMEN	EACH

- BASIC SET CONTAINS:
- (1) PICC
  - (1) Peelable Sheath Introducer
  - (1) Mini Scalpel
  - (1) Guidewire
  - (1) 10cc Syringe
  - (1) Tape Measure
  - (1) Introducer Needle
  - (1|2|3) Needle Free Valve(s)
  - (1) Catheter Securement Device
  - (1) Patient Information Pack
  - (1) Patient Chart Sticker
  - (1) Patient ID Card

# VALVED VASCU-PICC®

<b>Single</b> Lumens	<b>60cm</b> Length	<b>3F</b> French Size
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VALVED BASIC SET		
MR82013101	3F X 60CM VASCU-PICC® VALVED, SINGLE LUMEN	EACH

- VALVED BASIC SET CONTAINS:
- (1) Vascu-PICC®
  - (1) Peelable Sheath Introducer
  - (1) Introducer Needle
  - (1) Tape Measure
  - (1) 10cc Sryinge
  - (1) Guidewire
  - (1) Mini Scalpel
  - (1) Needle Free Valve
  - (1) Catheter Securement Device
  - (1) Patient Information Pack
  - (1) Patient Chart Sticker

Refer to the Table of Contents for Important Risk Information regarding this device.

Refer to the Table of Contents for Important Risk Information regarding this device.



## CT Midline

## Arch-Flo™ CT Midline

**IMPORTANT RISK INFORMATION**

## CT MIDLINE

**Indications for Use:** The CT Midlines are indicated for Short-Term peripheral access to the peripheral venous system for selected intravenous therapies, blood sampling, and power injection of contrast media. The maximum recommended infusion rate varies by catheter French size and is printed on the catheter.

**Contraindications:** This catheter is not intended for any use other than that which is indicated. Do not implant catheter in thrombosed vessels. The presence of skin related problems around the insertion site (infection, phlebitis, scars, etc.). The presence of device related bacteremia or septicemia. History of mastectomy on insertion side. Previous history of venous/subclavian thrombosis or vascular surgical procedures at insertion site. Fever of unknown origin. The patient's body size is insufficient to accommodate the size of the implanted device. The patient is known or is suspected to be allergic to materials contained in the device. Past irradiation of prospective insertion site. Local tissue factors will prevent proper device stabilization and/or access.

## ARCH-FLO™ CT MIDLINE

**Indications for Use:** The Arch-Flo™ CT Midline is indicated for Short-Term, less than 30 days, peripheral access to the peripheral venous system for selected intravenous therapies, blood sampling, and power injection of contrast media. This catheter may be inserted via the basilic, cephalic, or median cubital vein.

**Contraindications:** This catheter is not intended for any use other than that which is indicated. Do not implant catheter in thrombosed vessels. The presence of skin related problems around the insertion site (infection, phlebitis, scars, etc.). The presence of device related bacteremia or septicemia. History of mastectomy on insertion side. Previous history of venous/subclavian thrombosis or vascular surgical procedures at insertion site. Fever of unknown origin. The patient's body size is insufficient to accommodate the size of the implanted device. The patient is known or is suspected to be allergic to materials contained in the device. Past irradiation of prospective insertion site. Local tissue factors will prevent proper device stabilization and/or access.

Refer to Instructions for Use provided with the product for complete instructions, warnings, precautions, and contraindications. Observe all instructions for use prior to using products. Failure to do so may result in patient complications.



<b>Single, Double</b> Lumens	<b>15cm, 20cm</b> Length	<b>3F, 4F, 5F</b> CT French Sizes	<b>3F Single 3cc/sec, 4F, 5F Single 5cc/sec, 5F Double 7cc/sec</b> CT Rating
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CLEARLY MARKED ID RINGS



Power-Injectable

PRECISE DEPTH MARKINGS



Refer to the Table of Contents for Important Risk Information regarding this device.

CT RATED		
MLCT3S15	3F X 15CM CT MIDLINE, SINGLE	5/BOX
MLCT4S20	4F X 20CM CT MIDLINE, SINGLE	5/BOX
MLCT5S20	5F X 20CM CT MIDLINE, SINGLE	5/BOX
MLCT5D20	5F X 20CM CT MIDLINE, DOUBLE	5/BOX

**BASIC SET CONTAINS:**

- (1) Midline w/ Stylet
- (1) Guidewire
- (1 | 2) Needle Free Valve(s)
- (1) Peelable Sheath Introducer
- (1) Safety Introducer Needle
- (1) Safety Scalpel
- (1) 10cc Syringe
- (1) Tape Measure
- (1) Catheter Securement Device
- (1) Patient Information Pack
- (1) Patient Chart Sticker
- (1) Patient ID Card



Refer to the Table of Contents for Important Risk Information regarding this device.

**Single**

Lumens

**10cm**

Length

**4F**

French Size


**BASIC SET**

MLCTAF4S10E	4F X 10CM, SINGLE LUMEN	5/BOX
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**BASIC SET CONTAINS:**

- (1) Catheter
- (1) 4.5F Peelable Introducer
- (1) 21Ga Safety Introducer Needle
- (1) 10cc Syringe
- (1) 0.018" (0.47MM) X 45CM Guidewire
- (1) Needleless Connector
- (1) Securement Device
- (1) Scalpel

Refer to the Table of Contents for Important Risk Information regarding this device.





Pro-Line®

Vascu-Line®

CVC Catheter

**IMPORTANT RISK INFORMATION****PRO-LINE®**

**Indications for Use:** The Medcomp® Pro-Line® CT Power Injectable CVC is indicated for short or long term access to the central venous system. It is designed for administering I.V. fluids, blood products, drugs, and parenteral nutrition solutions, as well as blood withdrawal and power injection of contrast media. The maximum recommended infusion rate is 5cc/sec. The maximum pressure of power injectors used with the Pro-Line® CT Power Injectable CVC may not exceed 300psi. The Medcomp® 6F Triple Pro-Line® CT Power Injectable CVC is indicated for short or long term access to the central venous system. It is designed for administering I.V. fluids, blood products, drugs, and parenteral nutrition solutions, as well as blood withdrawal, allows for central venous pressure monitoring and power injection of contrast media. The maximum recommended infusion rate is 5cc/sec. The maximum pressure of power injectors used with the Pro-Line® CT Power Injectable CVC may not exceed 300psi. Catheter testing included 10 power injection cycles. It may be inserted percutaneously and is primarily placed in the internal jugular vein. Alternate insertion sites include the subclavian vein.

**Contraindications:** The presence of device related infection, bacteremia, or septicemia is known or suspected. This catheter is intended for short or long-term vascular access and should not be used for any purpose other than indicated in these instructions. The patient is known or is suspected to be allergic to materials contained in the device.

**VASCU-LINE®**

**Indications for Use:** Vascu-Line Central Vein Catheters are designed for Short-Term and Long-Term central venous catheterization (intravenous administration of fluids, medications, and/or when nutritional therapy is prescribed). It may be inserted percutaneously and is primarily placed in the internal jugular vein. Alternate insertion sites include the subclavian vein.

**Contraindications:** The presence of device related infection, bacteremia, or septicemia is known or suspected. This catheter is intended for short or long-term vascular access and should not be used for any purpose other than indicated in these instructions. The patient is known or is suspected to be allergic to materials contained in the device.

**CVC CATHETER**

**Indications for Use:** The Medcomp® CVC Catheter is designed for Long Term central venous access in adults and children. It can be used for total parenteral nutrition (T.P.N.), infusion of I.V. liquids, blood products, and drugs. It can also be used for repeated withdrawal of blood samples. It is inserted percutaneously and is primarily placed in the subclavian vein with tip ending in mid to lower SVC. Alternate insertion sites include internal jugular vein as required.

**Contraindications:** The presence of device related infection, bacteremia, or septicemia is known or suspected. The patient's body size is insufficient to accommodate the size of the implanted device. The patient is known or is suspected to be allergic to materials contained in the device. There has been past irradiation of prospective insertion site. There have been previous episodes of venous thrombosis or vascular surgical procedures at the prospective placement site. There are local tissue factors that may prevent proper device stabilization and/or access.

Refer to Instructions for Use provided with the product for complete instructions, warnings, precautions, and contraindications. Observe all instructions for use prior to using products. Failure to do so may result in patient complications.



Single,  
Double,  
Triple  
Lumens

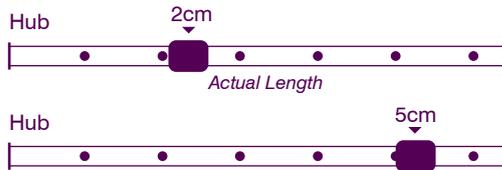
60cm  
Length

5F, 6F, 7F  
French Sizes

5cc/sec  
@ 300psi  
Injection Rating



CUFF PLACEMENT AT 2CM OR 5CM



ID RINGS



Refer to the Table of Contents for Important Risk Information regarding this device.

5CM FROM HUB, BASIC SET		
MR28035101	5F X 60CM PRO-LINE®, SINGLE LUMEN	EACH
MR28036101	6F X 60CM PRO-LINE®, SINGLE LUMEN	EACH
MR28037101	7F X 60CM PRO-LINE®, SINGLE LUMEN	EACH
MR28036201	6F X 60CM PRO-LINE®, DOUBLE LUMEN	EACH
MR28037201	7F X 60CM PRO-LINE®, DOUBLE LUMEN	EACH
MR28036301	6F X 60CM PRO-LINE® TRIPLE LUMEN	EACH

2CM FROM HUB, BASIC SET		
MR28035121	5F X 60CM PRO-LINE®, SINGLE LUMEN	EACH
MR28036121	6F X 60CM PRO-LINE®, SINGLE LUMEN	EACH
MR28036221	6F X 60CM PRO-LINE®, DOUBLE LUMEN	EACH

**BASIC KIT CONTAINS:**

- (1) Catheter w/ Stylet
- (1) Introducer Needle
- (1) Peelable Sheath Introducer
- (1) 10cc Syringe
- (1) Guidewire
- (1) Mini Scalpel
- (1) Tape Measure
- (2) Tunnelers
- (1|2) Needleless Cap(s)
- (1) Catheter Securement Device
- (1) Patient Chart Sticker
- (1) Patient ID Card





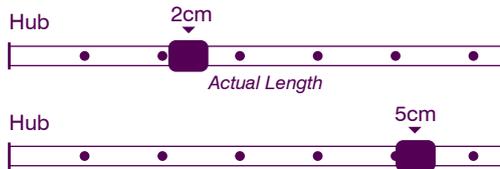
Single,  
Double  
Lumens

60cm  
Length

3F, 4F, 5F  
French Sizes



### CUFF PLACEMENT AT 2CM OR 5CM



### THERMOSENSITIVE POLYURETHANE



5CM FROM HUB, BASIC SET		
MR28013151	3F X 60CM VASCU-LINE, SINGLE LUMEN	EACH
MR28014151	4F X 60CM VASCU-LINE, SINGLE LUMEN	EACH
MR28014251	4F X 60CM VASCU-LINE, DOUBLE LUMEN	EACH
MR28015251	5F X 60CM VASCU-LINE, DOUBLE LUMEN	EACH

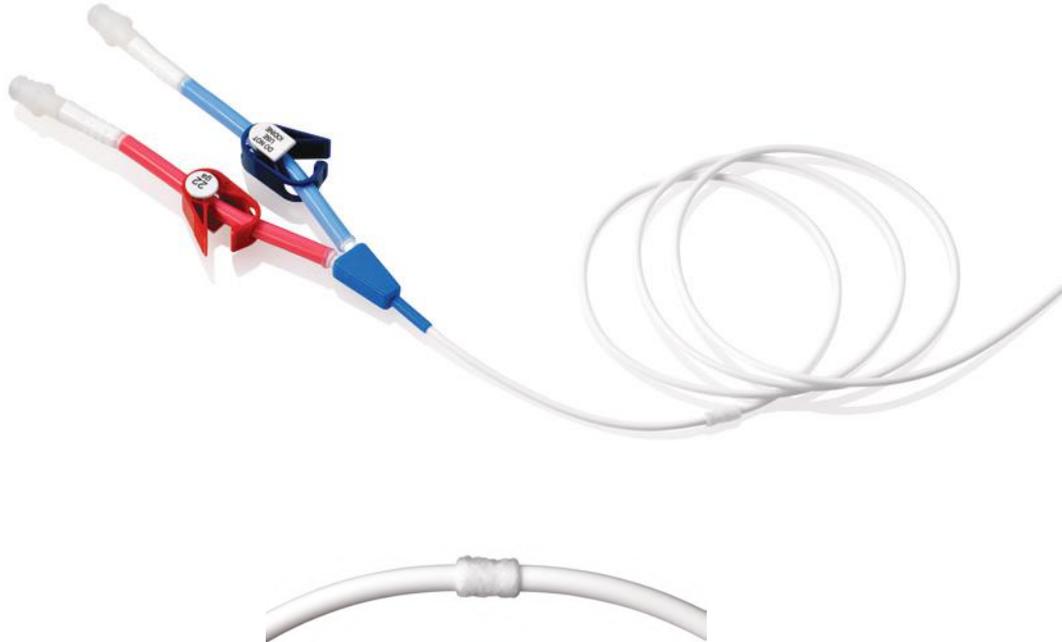
2CM FROM HUB, BASIC SET		
MR28013121	3F X 60CM VASCU-LINE, SINGLE LUMEN	EACH
MR28014221	4F X 60CM VASCU-LINE, DOUBLE LUMEN	EACH

### BASIC SET CONTAINS:

- (1) Catheter w/ Stylet
- (1) Introducer Needle
- (1) Peelable Sheath Introducer
- (1) 10cc Syringe
- (1) Guidewire
- (1) Mini Scalpel
- (1) Tape Measure
- (1) Tunneler
- (1 | 2) Needleless Cap(s)
- (1) Catheter Securement Device
- (1) Patient Information Pack
- (1) Patient Chart Sticker

Refer to the Table of Contents for Important Risk Information regarding this device.

Single, Double, Triple Lumens	90cm Length	6F, 7F, 9.5F, 11F, 12.5F French Sizes
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SILICONE MATERIAL      POLYESTER CUFF

BASIC SET		
MR28010611	6F X 90CM SINGLE LUMEN LT CVC	10/BOX
MR28010711	7F X 90CM SINGLE LUMEN LT CVC	10/BOX
MR28010911	9.5F X 90CM SINGLE LUMEN LT CVC	10/BOX
MR28010721	7F X 90CM DOUBLE LUMEN LT CVC	10/BOX
MR28010921	9.5F X 90CM DOUBLE LUMEN LT CVC	10/BOX
MR28011121	11F X 90CM DOUBLE LUMEN LT CVC	10/BOX
MR28011231	12.5F X 90CM TRIPLE LUMEN LT CVC	10/BOX

**BASIC SET CONTAINS:**

- (1) Catheter
- (1) Peelable Introducer
- (1) Tunneler
- (1) Mini Scalpel
- (1) Guidewire
- (1|2|3) End Cap(s)
- (1) Introducer Needle
- (1) Patient ID Card

Refer to the Table of Contents for Important Risk Information regarding this device.



Dignity® CT

Dignity® Mini

Dignity® Titanium

Dignity® Dual

Pro-Fuse® CT

## Direct Micropuncture Ports

**IMPORTANT RISK INFORMATION****DIGNITY® CT/ DIGNITY® MINI/ DIGNITY® DMP**

**Indications for Use:** The CT Power Injectable Implantable Infusion Ports are indicated for patient therapies requiring repeated access to the vascular system. The port system can be used for infusion of medications, I.V. fluids, parenteral nutrition solutions, blood products, and for the withdrawal of blood samples. When used with a power injectable needle, the Power Injectable Implantable Infusion Port device is indicated for power injection of contrast media. For power injection of contrast media, the maximum recommended infusion rate is 5ml/s with a 19 or 20 gauge non-coring power injectable needle. The maximum recommended infusion rate is 2ml/s with a 22 gauge non-coring power injectable needle.

**Contraindications:** This device is contraindicated for catheter insertion in the subclavian vein medial to the border of the first rib, an area which is associated with higher rates of pinch-off. The device is also contraindicated: When the presence of device related infection, bacteremia, or septicemia is known or suspected. When the patient's body size is insufficient for the size of the implanted device. When the patient is known or is suspected to be allergic to materials contained in the device. If severe chronic obstructive lung disease exists. If the prospective insertion site has been previously irradiated. If the prospective placement site has previously suffered episodes of venous thrombosis or vascular surgical procedures. If local tissue factors will prevent proper device stabilization and/or access.

**DIGNITY® TITANIUM**

**Indications for Use:** The CT Power Injectable Implantable Infusion Ports are indicated for patient therapies requiring repeated access to the vascular system. The port system can be used for infusion of medications, I.V. fluids, parenteral nutrition solutions, blood products, and for the withdrawal of blood samples. When used with a power injectable needle, the Power Injectable Implantable Infusion Port device is indicated for power injection of contrast media. For power injection of contrast media, the maximum recommended infusion rate is 5ml/s with a 19 or 20 gauge non-coring power injectable needle.

**Contraindications:** This device is contraindicated for catheter insertion in the subclavian vein medial to the border of the first rib, an area which is associated with higher rates of pinch-off. The device is also contraindicated: When the presence of device related infection, bacteremia, or septicemia is known or suspected. When the patient's body size is insufficient for the size of the implanted device. When the patient is known or is suspected to be allergic to materials contained in the device. If severe chronic obstructive lung disease exists. If the prospective insertion site has been previously irradiated. If the prospective placement site has previously suffered episodes of venous thrombosis or vascular surgical procedures. If local tissue factors will prevent proper device stabilization and/or access.

**DIGNITY® DUAL**

Dignity® Dual Port will lose CE Mark on July 13, 2021

**Indications for Use:** The Dignity® Dual Port is a power injectable implantable infusion port that is indicated for patient therapies requiring repeated access to the vascular system. The Dignity® Dual Port can be used for infusion of medications, I.V. fluids, parenteral nutrition solutions, blood products, and for the withdrawal of blood samples. When used with a power injectable needle, the Dignity® Dual Port is indicated for power injection of contrast media. For power injection of contrast media, the maximum recommended infusion rate is 5 ml/s with a 19 or 20 gauge non-coring power injectable needle. The maximum recommended infusion rate is 2 ml/s with a 22 gauge non-coring power injectable needle.

**Contraindications:** This device is contraindicated for catheter insertion in the subclavian vein medial to the border of the first rib, an area which is associated with higher rates of pinch-off. The device is also contraindicated: When the presence of device related infection, bacteremia, or septicemia is known or suspected. When the patient's body size is insufficient for the size of the implanted device. When the patient is known or is suspected to be allergic to materials contained in the device. If severe chronic obstructive lung disease exists. If the prospective insertion site has been previously irradiated. If the prospective placement site has previously suffered episodes of venous thrombosis or vascular surgical procedures. If local tissue factors will prevent proper device stabilization and/or access.

**PRO-FUSE® CT/ PRO-FUSE® DMP**

**Indications for Use:** The CT Power Injectable Implantable Infusion Ports are indicated for patient therapies requiring repeated access to the vascular system. The port system can be used for infusion of medications, I.V. fluids, parenteral nutrition solutions, blood products, and for the withdrawal of blood samples. When used with a power injectable needle, the Power Injectable Implantable Infusion Port device is indicated for power injection of contrast media. For power injection of contrast media, the maximum recommended infusion rate is 5ml/s with a 19 or 20 gauge non-coring power injectable needle. The maximum recommended infusion rate is 2ml/s with a 22 gauge non-coring power injectable needle.

**Contraindications:** This device is contraindicated for catheter insertion in the subclavian vein medial to the border of the first rib, an area which is associated with higher rates of pinch-off. The device is also contraindicated: When the presence of device related infection, bacteremia, or septicemia is known or suspected. When the patient's body size is insufficient for the size of the implanted device. When the patient is known or is suspected to be allergic to materials contained in the device. If severe chronic obstructive lung disease exists. If the prospective insertion site has been previously irradiated. If the prospective placement site has previously suffered episodes of venous thrombosis or vascular surgical procedures. If local tissue factors will prevent proper device stabilization and/or access.

Refer to Instructions for Use provided with the product for complete instructions, warnings, precautions, and contraindications. Observe all instructions for use prior to using products. Failure to do so may result in patient complications.



**Plastic**  
Port Material

**Mini,  
Low Profile,  
Mid Sized**  
Configurations

**Polyurethane,  
Silicone**  
Catheter Materials

**5cc/sec  
@ 325psi**  
Injection Rating

**Attachable,  
Pre-Attached**  
Catheter  
Configurations

**5F, 6.6F,  
8F, 9.6F**  
French Sizes

Ports



LOCKING MECHANISM



PATIENT-CENTRIC DESIGN

SCULPTED SIDES



CT UNDER X-RAY



Refer to the Table of Contents for Important Risk Information regarding this device.

DIGNITY® LOW PROFILE			SILICONE FILLED SUTURE HOLES		
	WITHOUT MICRO INTRODUCER	WITH MICRO INTRODUCER	WITHOUT MICRO INTRODUCER	WITH MICRO INTRODUCER	
5F DIGNITY® LP SHAPED ATTACHABLE	MRCTI50041	MICTI50041	MRCTI5004S	MICTI5004S	5/BOX
5F DIGNITY® LP SHAPED PRE-ATTACHED	MRCTI50841	MICTI50841	MRCTI5084S	MICTI5084S	5/BOX
6.6F DIGNITY® LP SHAPED ATTACHABLE	MRCTI66041	MICTI66041	MRCTI6604S	MICTI6604S	5/BOX
6.6F DIGNITY® LP SHAPED PRE-ATTACHED	MRCTI66841	MICTI66841	MRCTI6684S	MICTI6684S	5/BOX
8F DIGNITY® LP SHAPED ATTACHABLE	MRCTI80041	MICTI80041	MRCTI8004S	MICTI8004S	5/BOX
8F DIGNITY® LP SHAPED PRE-ATTACHED	MRCTI80841	MICTI80841	MRCTI8084S	MICTI8084S	5/BOX
<b>DIGNITY® MID SIZE</b>					
5F DIGNITY® MS SHAPED ATTACHABLE	MRCTI50001	MICTI50001	MRCTI5000S	MICTI5000S	5/BOX
5F DIGNITY® MS SHAPED PRE-ATTACHED	MRCTI50801	MICTI50801	MRCTI5080S	MICTI5080S	5/BOX
6.6F DIGNITY® MS SHAPED ATTACHABLE	MRCTI66001	MICTI66001	MRCTI6600S	MICTI6600S	5/BOX
6.6F DIGNITY® MS SHAPED PRE-ATTACHED	MRCTI66801	MICTI66801	MRCTI6680S	MICTI6680S	5/BOX
8F DIGNITY® MS SHAPED ATTACHABLE	MRCTI80001	MICTI80001	MRCTI8000S	MICTI8000S	5/BOX
8F DIGNITY® MS SHAPED PRE-ATTACHED	MRCTI80801	MICTI80801	MRCTI8080S	MICTI8080S	5/BOX
9.6F DIGNITY® MS SHAPED ATTACHABLE	MRCTI96001	MICTI96001	MRCTI9600S	MICTI9600S	5/BOX
9.6F DIGNITY® MS SHAPED PRE-ATTACHED	MRCTI96801	MICTI96801	MRCTI9680S	MICTI9680S	5/BOX

 Silicone Catheters

**SETS CONTAIN:**

- (1) Catheter
- (1) CT Implantable Port
- (2) Catheter Locks
- (1) Scalpel
- (1) 18ga Introducer Needle
- (1) Vein Pick
- (1) .035" x 70cm "J" Marked Guidewire with Advancer
- (1) 10cc Syringes
- (1) Peelable Introducer
- (1) Tunneler
- (2) 22ga Huber Needle - (1 Straight, 1 Right Angle)
- (1) Blunt Tip Needle
- (1) Patient Chart Sticker
- (1) Patient Information Pack

**SETS W/ MICRO-STICK® CONTAIN:**

- (1) Catheter
- (1) CT Implantable Port
- (2) Catheter Locks
- (1) Scalpel
- (1) Vein Pick
- (1) .035" x 70cm "J" Marked Guidewire with Advancer
- (1) 10cc Syringes
- (1) Peelable Introducer
- (1) Tunneler
- (2) 22ga Huber Needle - (1 Straight, 1 Right Angle)
- (1) Blunt Tip Needle
- (1) Patient Chart Sticker
- (1) Patient Information Pack

**MICRO-STICK®**

- (1) 5FR Coaxial Dilator
- (1) .018" x 45cm Guidewire with Radiopaque Tip
- (1) 21ga Introducer Needle with Echogenic Tip



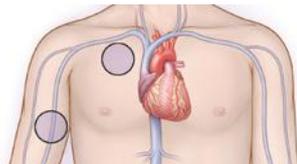
<b>Plastic</b> Port Material	<b>Mini</b> Configuration	<b>Polyurethane</b> Catheter Material	<b>5cc/sec @ 325psi</b> Injection Rating	<b>Attachable, Pre-Attached</b> Catheter Configurations	<b>5F, 6.6F, 8F</b> French Sizes
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**REDUCED WIDTH AND SMALLER PROFILE**

**CHEST OR ARM PLACEMENT**

**PATIENT-CENTRIC DESIGN**



DIGNITY® MINI	OPEN SUTURE HOLES		SILICONE FILLED SUTURE HOLES		
	WITHOUT MICRO INTRODUCER	WITH MICRO INTRODUCER	WITHOUT MICRO INTRODUCER	WITH MICRO INTRODUCER	
5F DIGNITY® MINI SHAPED ATTACHABLE	MRCTI50041M	MICTI50041M	MRCTI5004SM	MICTI5004SM	5/BOX
5F DIGNITY® MINI SHAPED PRE-ATTACHED	MRCTI50841M	MICTI50841M	MRCTI5084SM	MICTI5084SM	5/BOX
6.6F DIGNITY® MINI SHAPED ATTACHABLE	MRCTI66041M	MICTI66041M	MRCTI6604SM	MICTI6604SM	5/BOX
6.6F DIGNITY® MINI SHAPED PRE-ATTACHED	MRCTI66841M	MICTI66841M	MRCTI6684SM	MICTI6684SM	5/BOX
8F DIGNITY® MINI SHAPED ATTACHABLE	MRCTI80041M	MICTI80041M	MRCTI8004SM	MICTI8004SM	5/BOX
8F DIGNITY® MINI SHAPED PRE-ATTACHED	MRCTI80841M	MICTI80841M	MRCTI8084SM	MICTI8084SM	5/BOX

**SET CONTAINS:**

- (1) CT Implantable Port
- (1) Catheter
- (2) Catheter Locks
- (1) Scalpel
- (1) 18ga Introducer Needle
- (1) Vein Pick
- (1) 0.35" x 70cm "J" Marked Guidewire w/ Advancer
- (1) 10cc Syringe
- (1) Peelable Introducer
- (1) Tunneler
- (2) 22ga Huber Needles - (1 Straight, 1 Right Angle)
- (1) Blunt Tip Needle
- (1) Patient Chart Sticker
- (1) Patient Information Pack

**SETS WITH MICRO-STICK® CONTAIN:**

- (1) Catheter
- (1) CT Implantable Port
- (2) Catheter Locks
- (1) Scalpel
- (1) Vein Pick
- (1) .035" x 70cm "J" Marked Guidewire w/ Advancer
- (1) 10cc Syringe
- (1) Peelable Introducer
- (1) Tunneler
- (2) 22ga Huber Needles - (1 Straight, 1 Right Angle)
- (1) Blunt Tip Needle
- (1) Patient Chart Sticker
- (1) Patient Information Pack

**MICRO-STICK®**

- (1) 5FR Coaxial Dilator
- (1) .018" x 45cm Guidewire w/ Radiopaque Tip
- (1) 21ga Introducer Needle w/ Echogenic Tip

Refer to the Table of Contents for Important Risk Information regarding this device.



<b>Titanium</b> Port Material	<b>Mini, Low Profile, Mid Sized</b> Configurations	<b>Polyurethane, Silicone</b> Catheter Materials	<b>5cc/sec @ 300psi</b> Injection Rating	<b>Attachable, Pre-Attached</b> Catheter Configurations	<b>5F, 6.6F, 8F, 9.6F</b> French Sizes
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TITANIUM BODY



SCULPTED SIDES



PATIENT-CENTRIC DESIGN

		SILICONE FILLED SUTURE HOLES	
<b>DIGNITY® MINI</b>			
5F ATTACHABLE	MRTTI50041M	MRTTI5004SM	5/BOX
5F PRE-ATTACHED	MRTTI50841M	MRTTI5084SM	5/BOX
6.6F ATTACHABLE	MRTTI66041M	MRTTI6604SM	5/BOX
6.6F PRE-ATTACHED	MRTTI66841M	MRTTI6684SM	5/BOX
8F ATTACHABLE	MRTTI80041M	MRTTI8004SM	5/BOX
8F PRE-ATTACHED	MRTTI80841M	MRTTI8084SM	5/BOX
<b>DIGNITY® LOW PROFILE</b>			
5F ATTACHABLE	MRTTI50041	MRTTI5004S	5/BOX
5F PRE-ATTACHED	MRTTI50841	MRTTI5084S	5/BOX
6.6F ATTACHABLE	MRTTI66041	MRTTI6604S	5/BOX
6.6F PRE-ATTACHED	MRTTI66841	MRTTI6684S	5/BOX
8F ATTACHABLE	MRTTI80041	MRTTI8004S	5/BOX
8F PRE-ATTACHED	MRTTI80841	MRTTI8084S	5/BOX
<b>DIGNITY® MID SIZED</b>			
5F ATTACHABLE	MRTTI50001	MRTTI5000S	5/BOX
5F PRE-ATTACHED	MRTTI50801	MRTTI5080S	5/BOX
6.6F ATTACHABLE	MRTTI66001	MRTTI6600S	5/BOX
6.6F PRE-ATTACHED	MRTTI66801	MRTTI6680S	5/BOX
8F ATTACHABLE	MRTTI80001	MRTTI8000S	5/BOX
8F PRE-ATTACHED	MRTTI80801	MRTTI8080S	5/BOX
9.6F ATTACHABLE	MRTTI96001	MRTTI9600S	5/BOX
9.6F PRE-ATTACHED	MRTTI96801	MRTTI9680S	5/BOX

Silicone Catheters

**SET CONTAINS:**

- (1) CT Implantable Port
- (1) Catheter
- (2) Catheter Locks
- (1) Scalpel
- (1) 18ga Introducer Needle
- (1) Vein Pick
- (1) 0.35" x 70cm "J" Marked Guidewire w/ Advancer
- (1) 10cc Syringe
- (1) Peelable Introducer
- (1) Tunneler
- (2) 22ga Huber Needles - (1 Straight, 1 Right Angle)
- (1) Blunt Tip Needle
- (1) Patient Chart Sticker
- (1) Patient Information Pack

Refer to the Table of Contents for Important Risk Information regarding this device.

<b>Plastic</b> Port Material	<b>Dual</b> Configuration	<b>Polyurethane</b> Catheter Material	<b>5cc/sec @ 325psi</b> Injection Rating	<b>Attachable</b> Catheter Configuration	<b>9.5F</b> French Size
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INLINE DESIGN



SCULPTED SIDES



RADIOPAQUE INK

**SILICONE FILLED WITH MICRO-STICK®**

MICTI95002	9.5F ATTACHABLE
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**SETS WITH**

**MICRO-STICK® CONTAIN:**

- (1) Catheter
- (1) CT Implantable Port
- (2) Catheter Locks
- (1) Scalpel
- (1) Vein Pick
- (1) .035" x 70cm "J" Marked Guidewire w/ Advancer
- (1) 10cc Syringe
- (1) Valved Peelable Introducer
- (1) Tunneler
- (2) 22ga Huber Needles - (1-Straight, 1-Right Angle)
- (1) Blunt Tip Needle
- (1) Patient Information Pack
- (1) Patient Chart Sticker

**MICRO-STICK®**

- (1) 5FR Coaxial Dilator
- (1) .018" x 45cm Guidewire w/ Radiopaque Tip
- (1) 21ga Introducer Needle w/ Echogenic Tip

Refer to the Table of Contents for Important Risk Information regarding this device.



<b>Plastic</b> Port Material	<b>Standard, Low-Profile</b> Configurations	<b>Polyurethane, Silicone</b> Catheter Materials	<b>5cc/sec @ 325psi</b> Injection Rating	<b>5F, 6.6F, 8F, 9.6F</b> French Sizes
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### LOCKING MECHANISM



### PRO-FUSE® LOW PROFILE



PRO-FUSE® STANDARD			SILICONE FILLED SUTURE HOLES		
	WITHOUT MICRO INTRODUCER	WITH MICRO INTRODUCER	WITHOUT MICRO INTRODUCER	WITH MICRO INTRODUCER	
8F PRO-FUSE® STANDARD ATTACHABLE	-	-	MRCTT80001	MICTT80001	5/BOX
8F PRO-FUSE® STANDARD PRE-ATTACHED	-	-	MRCTT80801	MICTT80801	5/BOX
9.6F PRO-FUSE® STANDARD ATTACHABLE	-	-	MRCTT96001	-	5/BOX
9.6F PRO-FUSE® STANDARD PRE-ATTACHED	-	-	MRCTT96801	MICTT96801	5/BOX
PRO-FUSE® LOW PROFILE					
5F PRO-FUSE® LP ATTACHABLE	MRCTT50041	MICTT50041	MRCTT5004S	MICTT5004S	5/BOX
5F PRO-FUSE® LP PRE-ATTACHED	MRCTT50841	MICTT50841	MRCTT5084S	MICTT5084S	5/BOX
6.6F PRO-FUSE® LP ATTACHABLE	MRCTT66041	MICTT66041	MRCTT6604S	MICTT6604S	5/BOX
6.6F PRO-FUSE® LP PRE-ATTACHED	MRCTT66841	-	MRCTT6684S	MICTT6684S	5/BOX
8F PRO-FUSE® LP ATTACHABLE	MRCTT80041	MICTT80041	MRCTT8004S	MICTT8004S	5/BOX
8F PRO-FUSE® LP PRE-ATTACHED	MRCTT80841	MICTT80841	MRCTT8084S	MICTT8084S	5/BOX

Silicone Catheters

#### SET CONTAINS:

- (1) CT Implantable Port
- (1) Catheter
- (2) Catheter Locks
- (1) Scalpel
- (1) 18ga Introducer Needle
- (1) Vein Pick
- (1) 0.35" x 70cm "J" Marked Guidewire w/ Advancer
- (1) 10cc Syringe
- (1) Peelable Introducer
- (1) Tunneler
- (2) 22ga Huber Needles - (1 Straight, 1 Right Angle)
- (1) Blunt Tip Needle
- (1) Patient Chart Sticker
- (1) Patient Information Pack

#### SETS WITH MICRO-STICK® CONTAIN:

- (1) Catheter
- (1) CT Implantable Port
- (2) Catheter Locks
- (1) Scalpel
- (1) Vein Pick
- (1) .035" x 70cm "J" Marked Guidewire w/ Advancer
- (1) 10cc Syringe
- (1) Peelable Introducer
- (1) Tunneler
- (2) 22ga Huber Needles - (1 Straight, 1 Right Angle)
- (1) Blunt Tip Needle
- (1) Patient Chart Sticker
- (1) Patient Information Pack

#### MICRO-STICK®

- (1) 5FR Coaxial Dilator
- (1) .018" x 45cm Guidewire w/ Radiopaque Tip
- (1) 21ga Introducer Needle w/ Echogenic Tip

Refer to the Table of Contents for Important Risk Information regarding this device.

<b>Plastic</b> Port Material	<b>Pro-Fuse<sup>®</sup>, Pro-Fuse<sup>®</sup> LP, Dignity<sup>®</sup> Mid Sized, Dignity<sup>®</sup> Mini, Dignity<sup>®</sup> LP</b> Configurations	<b>Polyurethane</b> Catheter Material	<b>5cc/sec @ 325psi</b> Injection Rating	<b>5F, 6.6F, 8F</b> French Sizes
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21 GA NEEDLE



PTFE SUPER SHEATH DILATOR



NITINOL MANDREL WIRE

PRO-FUSE <sup>®</sup> PORTS		
MRCTT80001DMP*	8F PRO-FUSE <sup>®</sup> DMP PORT KIT	5/BOX
MRCTT80041DMP	8F PRO-FUSE <sup>®</sup> LOW PROFILE DMP PORT KIT	5/BOX
DIGNITY <sup>®</sup> PORTS		
MRCTI50041MDMP	5F DIGNITY <sup>®</sup> MINI DMP PORT KIT	5/BOX
MRCTI50841MDMP	5F DIGNITY <sup>®</sup> MINI PRE-ATTACHED DMP PORT KIT	5/BOX
MRCTI50041DMP	5F DIGNITY <sup>®</sup> LOW PROFILE DMP PORT KIT	5/BOX
MRCTI50841DMP	5F DIGNITY <sup>®</sup> LOW PROFILE PRE-ATTACHED DMP PORT KIT	5/BOX
MRCTI50001DMP	5F DIGNITY <sup>®</sup> MID SIZED DMP PORT KIT	5/BOX
MRCTI50801DMP	5F DIGNITY <sup>®</sup> MID SIZED PRE-ATTACHED DMP PORT KIT	5/BOX
MRCTI66001DMP	6.6F DIGNITY <sup>®</sup> MID SIZED DMP PORT KIT	5/BOX
MRCTI66041MDMP	6.6F DIGNITY <sup>®</sup> MINI DMP PORT KIT	5/BOX
MRCTI66841MDMP	6.6F DIGNITY <sup>®</sup> MINI PRE-ATTACHED DMP PORT KIT	5/BOX
MRCTI66041DMP	6.6F DIGNITY <sup>®</sup> LOW PROFILE DMP PORT KIT	5/BOX
MRCTI66801DMP	6.6F DIGNITY <sup>®</sup> MID SIZED PRE-ATTACHED DMP PORT KIT	5/BOX
MRCTI66841DMP	6.6F DIGNITY <sup>®</sup> LOW PROFILE PRE-ATTACHED DMP PORT KIT	5/BOX
MRCTI80001DMP	8F DIGNITY <sup>®</sup> MID SIZED DMP PORT KIT	5/BOX
MRCTI80041MDMP	8F DIGNITY <sup>®</sup> MINI DMP PORT KIT	5/BOX
MRCTI80841MDMP	8F DIGNITY <sup>®</sup> MINI PRE ATTACHED DMP PORT KIT	5/BOX
MRCTI80041DMP	8F DIGNITY <sup>®</sup> LOW PROFILE DMP PORT KIT	5/BOX
MRCTI80841DMP	8F DIGNITY <sup>®</sup> LOW PROFILE PRE-ATTACHED DMP PORT KIT	5/BOX
MRCTI80801DMP	8F DIGNITY <sup>®</sup> MID SIZED PRE-ATTACHED DMP PORT KIT	5/BOX

- KITS CONTAIN:**
- (1) Catheter
  - (1) Peelable Introducer
  - (1) Scalpel
  - (1) 21ga Needle
  - (1) .018" Nitinol Guidewire
  - (1) Blunt Tip Needle
  - (1) Tunneler
  - (1) CT Implantable Port
  - (1) 22ga Huber Needle
  - (1) 10cc Syringe
  - (2) Catheter Locks
  - (1) Patient Chart Sticker

\*MRCTT80001DMP has Silicone Filled Suture Holes

Refer to the Table of Contents for Important Risk Information regarding this device.





V-Series

I-Series

X-Series

**IMPORTANT RISK INFORMATION**

## I-SERIES/ V-SERIES

**Indications for Use:** The peritoneal catheter is indicated for acute and chronic peritoneal dialysis.

**Contraindications:** Infected anterior abdominal wall. Patients with extensive intra-abdominal adhesions. Conditions resulting in diaphragmatic tears or abdominal-chest communication. Unresolved peritonitis. Severe respiratory insufficiency: distending the abdomen with large amounts of dialysate may further compromise pulmonary function. The catheter is not intended for the Tenckhoff trocar method of insertion, nor is it meant to be used for any purpose other than indicated. Recent intestinal surgery.

## X-SERIES

**Indications for Use:** The Peritoneal Catheter is indicated for chronic peritoneal dialysis. The extended length of the "X" Series Catheter makes it especially applicable for peritoneal dialysis patients when it is necessary to locate the skin exit site remote from the usual lower abdominal region. The catheter may be particularly indicated in patients with obesity, floppy abdominal skin folds, urinary or fecal incontinence, chronic yeast intertrigo, intestinal stomas, or in patients who desire to take deep tub baths.

**Contraindications:** This catheter is contraindicated in patients who are not suitable candidates for peritoneal dialysis therapy. An upper chest (presternal) exit-site location of the X-Series Catheter may be contraindicated in patients who have had breast augmentation or breast reconstruction, or have a tracheostomy. However, this group of patients may be suitable candidates for an upper abdominal exit-site location of the X-Series Catheter.

Refer to Instructions for Use provided with the product for complete instructions, warnings, precautions, and contraindications. Observe all instructions for use prior to using products. Failure to do so may result in patient complications.



<b>Silicone</b> Material	<b>Straight, Coiled</b> Tip Designs	<b>15F</b> French Size	<b>Double</b> Cuff
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CATHETER ONLY - STRAIGHT		
MC200301	STRAIGHT, 43CM LEFT V-NECK WITH DOUBLE CUFF	5/BOX
MC200302	STRAIGHT, 43CM RIGHT V-NECK WITH DOUBLE CUFF	5/BOX

BASIC SET - STRAIGHT		
MC200101	STRAIGHT, 43CM LEFT V-NECK WITH DOUBLE CUFF	5/BOX
MC200102	STRAIGHT, 43CM RIGHT V-NECK WITH DOUBLE CUFF	5/BOX

CATHETER ONLY - COILED		
MC200401	COILED, 63CM LEFT V-NECK WITH DOUBLE CUFF	5/BOX
MC200402	COILED, 63CM RIGHT V-NECK WITH DOUBLE CUFF	5/BOX
MC200303	COILED, 39CM V-NECK WITH DOUBLE CUFF	5/BOX
MC200501	COILED, 57CM V-NECK WITH DOUBLE CUFF	5/BOX

BASIC SET - COILED		
MC200201	COILED, 63CM LEFT V-NECK WITH DOUBLE CUFF	5/BOX
MC200202	COILED, 63CM RIGHT V-NECK WITH DOUBLE CUFF	5/BOX
MC200502	COILED, 57CM V-NECK WITH DOUBLE CUFF	5/BOX

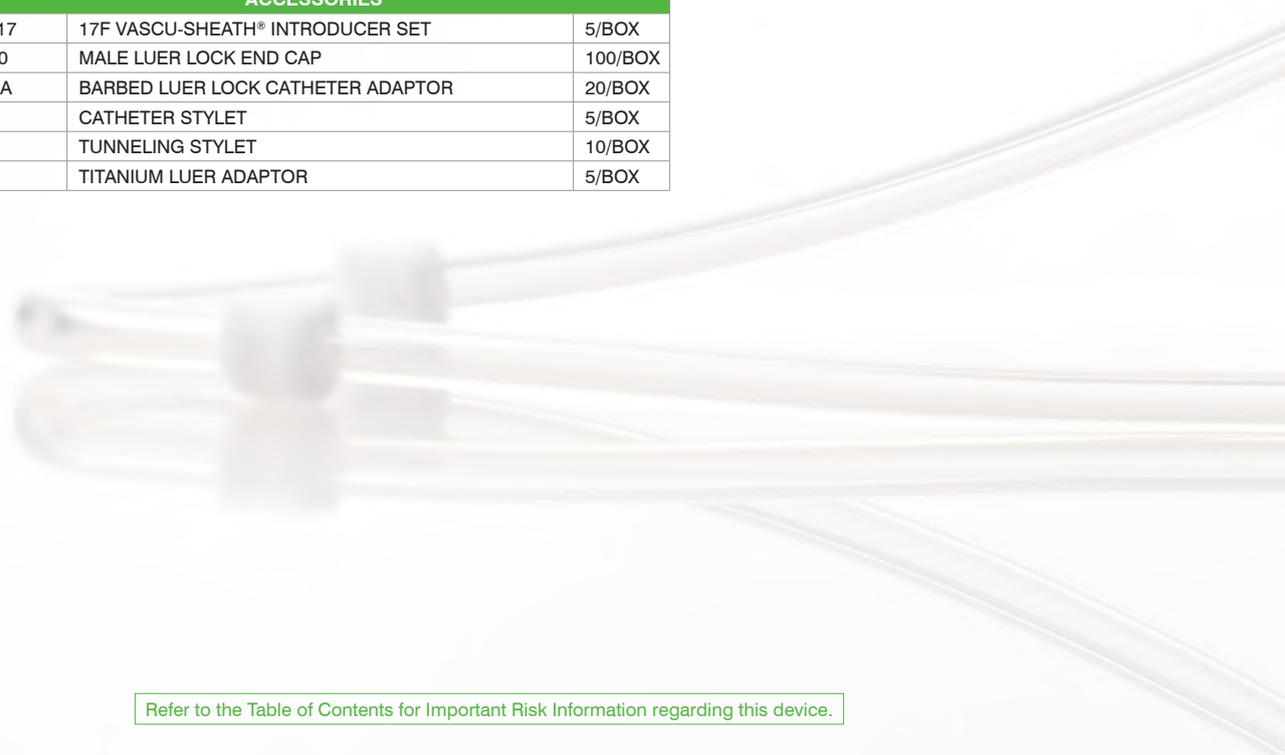
ACCESSORIES		
MP217	17F VASCU-SHEATH® INTRODUCER SET	5/BOX
MC50	MALE LUER LOCK END CAP	100/BOX
MBCA	BARBED LUER LOCK CATHETER ADAPTOR	20/BOX
MCS	CATHETER STYLET	5/BOX
MTS	TUNNELING STYLET	10/BOX
MTC	TITANIUM LUER ADAPTOR	5/BOX

CATHETER ONLY CONTAINS:

- (1) Catheter
- (1) Female Luer
- (1) Clamp
- (1) End Cap

BASIC SET CONTAINS:

- (1) Catheter
- (1) Female Luer
- (1) Clamp
- (1) Introducer Needle
- (1) Guidewire
- (1) Scalpel
- (1) Peelable Sheath Introducer
- (1) Tunneler
- (1) 10cc Syringe
- (1) End Cap
- (6) 4" x 4" Gauze



Refer to the Table of Contents for Important Risk Information regarding this device.





**Silicone**  
Material

**Straight,  
Coiled**  
Tip Designs

**15F**  
French Sizes

**Single,  
Double**  
Cuffs



COILED TIP



SINGLE OR DOUBLE CUFF



ONE-PIECE FEMALE  
LUER ADAPTER



**CATHETER ONLY - STRAIGHT**

MDC31S	31CM I-SERIES, STRAIGHT WITH DOUBLE CUFF	5/BOX
MDC32S	32.25CM I-SERIES, STRAIGHT WITH DOUBLE CUFF	5/BOX
MDC37S	37CM I-SERIES, STRAIGHT WITH DOUBLE CUFF	5/BOX
MDC42S	42CM I-SERIES, STRAIGHT WITH DOUBLE CUFF	5/BOX
MDC47S	47CM I-SERIES, STRAIGHT WITH DOUBLE CUFF	5/BOX
MSC31S	31CM I-SERIES, STRAIGHT WITH SUBCUTANEOUS SINGLE CUFF	5/BOX
MSC37S	37CM I-SERIES, STRAIGHT WITH SUBCUTANEOUS SINGLE CUFF	5/BOX
MSC42S	42CM I-SERIES, STRAIGHT WITH SUBCUTANEOUS SINGLE CUFF	5/BOX
MSC46S	46CM I-SERIES, STRAIGHT WITH SUBCUTANEOUS SINGLE CUFF	5/BOX
MPP41S	41CM I-SERIES, STRAIGHT WITH PREPERITONEAL SINGLE CUFF	5/BOX
MPP46S	46CM I-SERIES, STRAIGHT WITH PREPERITONEAL SINGLE CUFF	5/BOX

**BASIC SET - STRAIGHT**

MPD-237	37CM I-SERIES, STRAIGHT WITH DOUBLE CUFF	5/BOX
MPD-242	42CM I-SERIES, STRAIGHT WITH DOUBLE CUFF	5/BOX
MPD-146S	46CM I-SERIES, STRAIGHT WITH SUBCUTANEOUS SINGLE CUFF	5/BOX
MPD-118	18CM I-SERIES, STRAIGHT WITH PREPERITONEAL SINGLE CUFF	5/BOX
MPD-141	41CM I-SERIES, STRAIGHT WITH PREPERITONEAL SINGLE CUFF	5/BOX
MPD-146	46CM I-SERIES, STRAIGHT WITH PREPERITONEAL SINGLE CUFF	5/BOX

**CATHETER ONLY - COILED**

MDC57C	57.5CM I-SERIES, COILED WITH DOUBLE CUFF	5/BOX
MDC63C	63CM I-SERIES, COILED WITH DOUBLE CUFF	5/BOX
MPP40C	40.25CM I-SERIES, COILED WITH PREPERITONEAL SINGLE CUFF	5/BOX
MPP57C	57.5CM I-SERIES, COILED WITH PREPERITONEAL SINGLE CUFF	5/BOX
MPP60C	60CM I-SERIES, COILED WITH PREPERITONEAL SINGLE CUFF	5/BOX

**BASIC SET - COILED**

MPD-257	57.5CM I-SERIES, COILED WITH DOUBLE CUFF	5/BOX
MPD-263	63CM I-SERIES, COILED WITH DOUBLE CUFF	5/BOX
MPD-160	60CM I-SERIES, COILED WITH PREPERITONEAL SINGLE CUFF	5/BOX

**ACCESSORIES**

MP217	17F VASCU-SHEATH® INTRODUCER SET	5/BOX
MC50	MALE LUER LOCK END CAP	100/BOX
MBCA	BARBED LUER LOCK CATHETER ADAPTOR	20/BOX
MCS	CATHETER STYLET	5/BOX
MTS	TUNNELING STYLET	10/BOX
MTC	TITANIUM BARB CONNECTOR	5/BOX

**CATHETER ONLY CONTAINS:**

- (1) Catheter
- (1) Female Luer
- (1) Clamp
- (1) End Cap

**BASIC SET CONTAINS:**

- (1) Catheter
- (1) Female Luer
- (1) Clamp
- (1) Introducer Needle
- (1) Guidewire
- (1) Scalpel
- (1) Peelable Sheath Introducer
- (1) Tunneler
- (1) 10cc Syringe\*
- (1) End Cap
- (6) 4" x 4" Gauze

\* - Except MPD-118

Refer to the Table of Contents for Important Risk Information regarding this device.



<b>Silicone</b> Material	<b>Coiled</b> Tip Design	<b>15F</b> French Size
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COILED TIP

LARGE SIDE HOLES

TITANIUM BARBED CONNECTOR



CATHETER ONLY		
MC20XC	15F X 64CM X-SERIES, COILED	5/BOX

BASIC SET		
MC20XS	15F X 64CM X-SERIES, COILED	5/BOX

ACCESSORIES		
MP217	17F VASCU-SHEATH® INTRODUCER SET	5/BOX
MC50	MALE LUER LOCK END CAP	100/BOX
MBCA	BARBED LUER LOCK CATHETER ADAPTOR	20/BOX
MCS	CATHETER STYLET	5/BOX
MTS	TUNNELING STYLET	10/BOX
MTC	TITANIUM LUER ADAPTOR	5/BOX
TBC	TITANIUM BARBED CONNECTOR	50/BOX
TRX	X-SERIES TUNNELING ROD	5/BOX
FSX	X-SERIES FALLER STYLET	5/BOX
40501	PREOPERATIVE MARKING STENCIL PACK	1/BOX

CATHETER ONLY CONTAINS:

- (1) Catheter
- (1) Titanium Barbed Connector
- (1) Female Luer
- (1) Clamp
- (1) End Cap

BASIC SET CONTAINS:

- (1) Catheter
- (1) Titanium Barbed Connector
- (1) Female Luer
- (1) Clamp
- (1) End Cap
- (1) Introducer Needle
- (1) Guidewire
- (1) Scalpel
- (1) Tunneler
- (1) 10cc Syringe
- (6) 4" x 4" Gauze
- (1) Tape Measure

Refer to the Table of Contents for Important Risk Information regarding this device.



Micro-Stick®

Tearaway Micro Introducer

Super Sharp Introducer Needles

Introducer Needle

Sheath Dilators

Dilators

Guidewire Syringe

Guidewires

Repair Kit

Trocars & Tunnelers

#### IMPORTANT RISK INFORMATION

##### MICRO-STICK®

**Indications for Use:** The Micro-Stick® Set is indicated for percutaneous introduction of up to a 0.038 inch guidewire or catheter into the vascular system following a small 21 gauge needle stick. The Micro-Stick® Set is not intended for use in the coronary or cerebral vasculature.

##### TEARAWAY MICRO INTRODUCER

**Indications for Use:** Introducer is intended to obtain central venous access to facilitate catheter insertion into the central venous system.

**Contraindications:** Introducer is not designed for use in the arterial system.

##### INTRODUCER NEEDLES

**Indications for Use:** These needles are used for the percutaneous introduction of guidewires.

##### PEELABLE INTRODUCERS

**Indications for Use:** The Valved Peelable Introducers are intended to obtain central venous access to facilitate catheter insertion into the central venous system.

The Super Sheath Introducer is intended to obtain central venous access to facilitate catheter insertion or placing pacing leads into the central venous system. The Super Sheath is compatible with a 0.018" or smaller guidewire

**Contraindications:** The Valved Peelable Introducer and Super Sheath Introducer are not designed for use in the arterial system or as a hemostatic device.

##### DILATORS

**Indications for Use:** The Medcomp® vessel dilators are designed for percutaneous entry into a vessel in order to enlarge the opening of the vessel for the placement of a catheter in a vein or artery.

##### GUIDEWIRE INTRODUCER SYRINGE

**Indications for Use:** Used to pass the guidewire into the target vein.

##### GUIDEWIRES

**Indications for Use:** For general intravascular use, including the peripheral vasculature, to facilitate the selective placement of medical devices in the vessel anatomy. This device is not intended for coronary or cerebrovascular use.

##### REPAIR KIT (FOR SPLIT CATH®, HEMO-FLOW®, HEMO-FLOW® XF, TITAN™ HD)

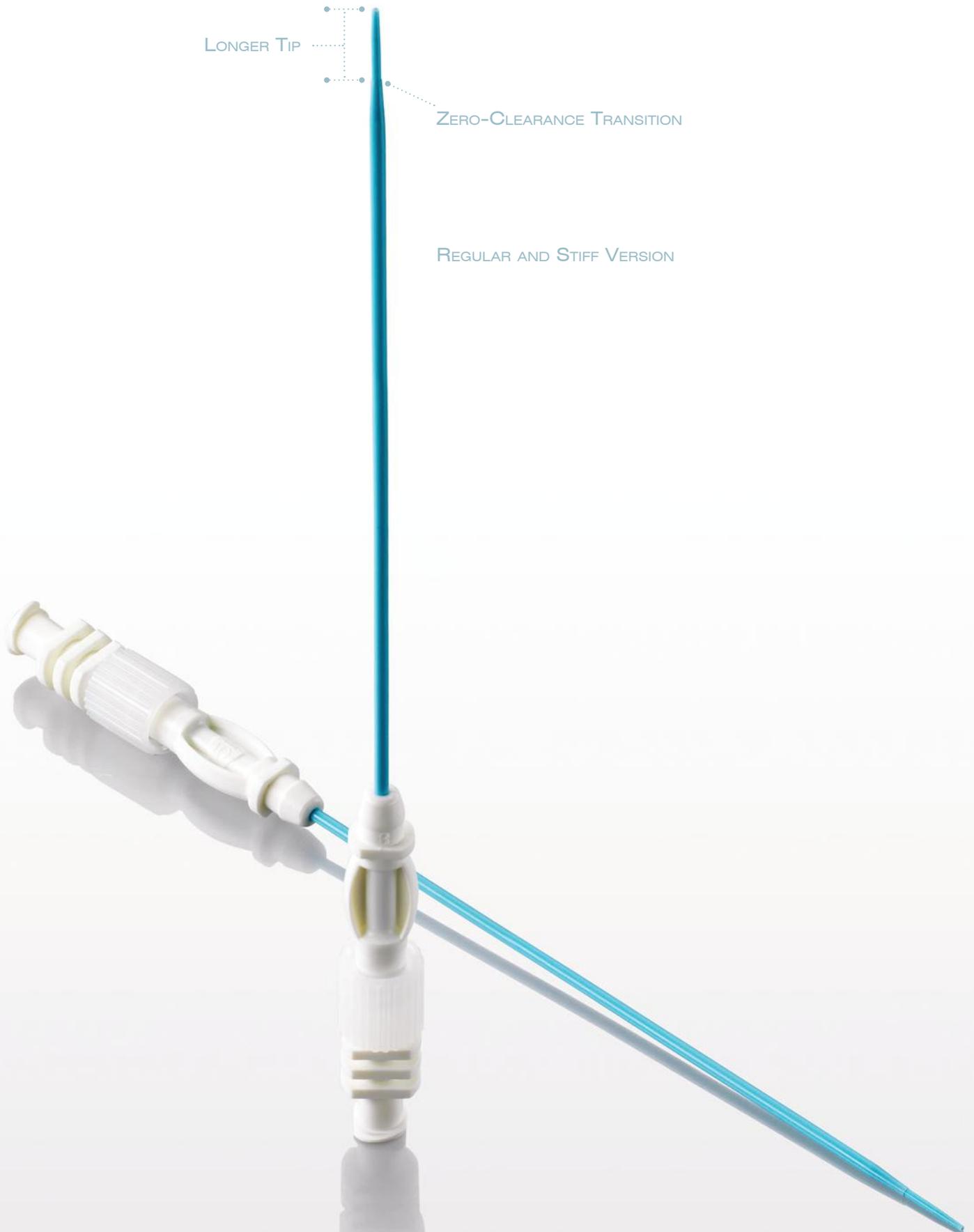
**Indications for Use:** To replace damaged female luer connectors, clamps, or repair extensions where there is a minimum of 4.5cm viable extension tubing.

**Contraindications:** Do not use to repair catheters other than those specified above. Do not replace connector if tubing is swollen or displays signs of degradation. This repair kit should not be used for any purpose other than indicated in these instructions.

##### TUNNELERS

**Indications for Use:** Use tunneler to dissect tissue to create the subcutaneous tunnel opening.

Refer to Instructions for Use provided with the product for complete instructions, warnings, precautions, and contraindications. Observe all instructions for use prior to using products. Failure to do so may result in patient complications.

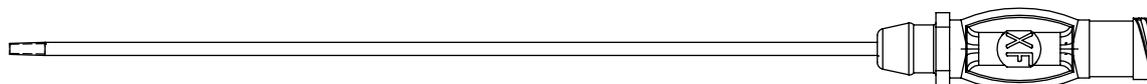
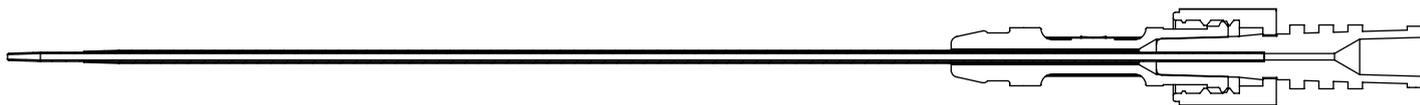


LONGER TIP

ZERO-CLEARANCE TRANSITION

REGULAR AND STIFF VERSION

Refer to the Table of Contents for Important Risk Information regarding this device.



MICRO-STICK® BASIC SET		
MR190421	4F MICRO-STICK®, WITH NITINOL WIRE AND 7CM ECHO TIP	10/BOX
MR190521	5F MICRO-STICK®, WITH NITINOL WIRE AND 7CM ECHO TIP	10/BOX
MR193421	4F MICRO-STICK®, WITH NITINOL WIRE AND 4CM NON-ECHO TIP	10/BOX
MR192421	4F MICRO-STICK®, WITH NITINOL WIRE AND 7CM NON-ECHO TIP	10/BOX
MR193521	5F MICRO-STICK®, WITH NITINOL WIRE AND 4CM NON-ECHO TIP	10/BOX
MR192521	5F MICRO-STICK®, WITH NITINOL WIRE AND 7CM NON-ECHO TIP	10/BOX
MR190422	4F MICRO-STICK®, WITH STEEL WIRE AND 7CM ECHO TIP	10/BOX
MR190522	5F MICRO-STICK®, WITH STEEL WIRE AND 7CM ECHO TIP	10/BOX
MR192422	4F MICRO-STICK®, WITH STEEL WIRE AND 7CM NON-ECHO TIP	10/BOX
MR192522	5F MICRO-STICK®, WITH STEEL WIRE AND 7CM NON-ECHO TIP	10/BOX

**BASIC SET CONTAINS:**

- (1) 21ga Needle
- (1) Guidewire
- (1) Introducer
- (1) IFU

MICRO-STICK® STIFF BASIC SET		
MR190411	4F MICRO-STICK® STIFF, WITH NITINOL WIRE AND 7CM ECHO TIP	10/BOX
MR190511	5F MICRO-STICK® STIFF, WITH NITINOL WIRE AND 7CM ECHO TIP	10/BOX
MR193411	4F MICRO-STICK® STIFF, WITH NITINOL WIRE AND 4CM NON-ECHO TIP	10/BOX
MR192411	4F MICRO-STICK® STIFF, WITH NITINOL WIRE AND 7CM NON-ECHO TIP	10/BOX
MR192511	5F MICRO-STICK® STIFF, WITH NITINOL WIRE AND 7CM NON-ECHO TIP	10/BOX
MR190412	4F MICRO-STICK® STIFF, WITH STEEL WIRE AND 7CM ECHO TIP	10/BOX
MR190512	5F MICRO-STICK® STIFF, WITH STEEL WIRE AND 7CM ECHO TIP	10/BOX



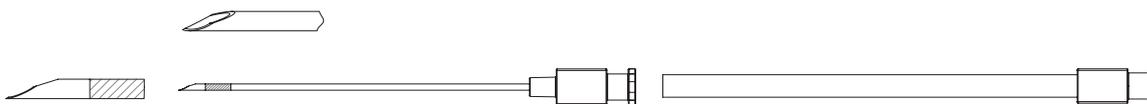
5CM LENGTH TEARAWAY MICRO INTRODUCER SET		
MR190300	3F X 5CM TEARAWAY INTRODUCER SET	10/BOX
MR190305	3.5F X 5CM TEARAWAY INTRODUCER SET	10/BOX
MR190306	3F X 5CM TEARAWAY INTRODUCER*	10/BOX
MR190405	4.5F X 5CM TEARAWAY INTRODUCER SET	10/BOX
MR190505	5.5F X 5CM TEARAWAY INTRODUCER SET	10/BOX
MR190605	6.5F X 5CM TEARAWAY INTRODUCER SET	10/BOX
10CM LENGTH TEARAWAY MICRO INTRODUCER SET		
MR210780	7F X 10CM RADIOLOGY MICRO-STICK® INTRODUCER SET	10/BOX
MR190310	3.5F X 10CM TEARAWAY INTRODUCER SET	10/BOX
MR190410	4.5F X 10CM TEARAWAY INTRODUCER SET	10/BOX
MR190510	5.5F X 10CM TEARAWAY INTRODUCER SET	10/BOX
MR190610	6.5F X 10CM TEARAWAY INTRODUCER SET	10/BOX

5CM KIT CONTAINS:  
 (1) Tearaway Introducer  
 (1) .018" Guidewire  
 (1) 21ga Introducer Needle

\* MR19306 CONTAINS:  
 (1) Tearaway Introducer

10CM KIT CONTAINS:  
 (1) Tearaway Introducer  
 (1) .018" Guidewire  
 (1) Introducer Needle  
 (1) Scalpel

## SUPER SHARP INTRODUCER NEEDLES



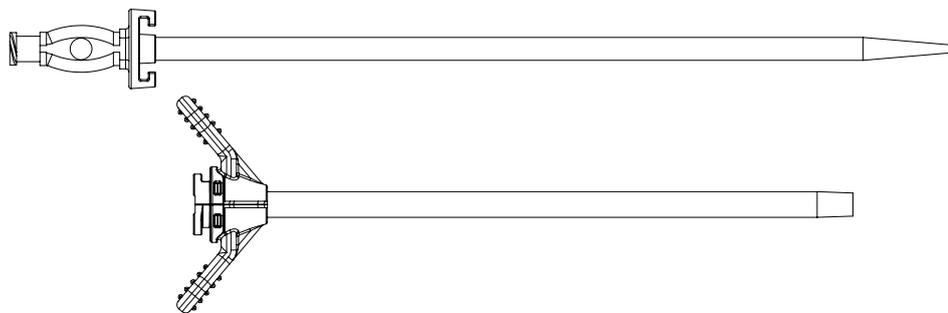
SUPER SHARP INTRODUCER NEEDLES		
MC217	21GA X 7CM NEEDLE	50/BOX
MC215S	21GA X 5CM SAFETY NEEDLE	50/BOX
MC217S	21GA X 7CM SAFETY NEEDLE	50/BOX

## INTRODUCER NEEDLE



INTRODUCER NEEDLE		
MC52	18GA X 7CM NEEDLE	50/BOX

Refer to the Table of Contents for Important Risk Information regarding this device.



VALVED PEELABLE INTRODUCER		
MR190703	7F X 12CM VALVED PEELABLE INTRODUCER	5/BOX
MR190704	7F X 15CM VALVED PEELABLE INTRODUCER	5/BOX
MR190705	7F X 15CM VALVED PEELABLE INTRODUCER	5/BOX
MR190735	7F X 15CM VALVED PEELABLE INTRODUCER	5/BOX
MR190803	8F X 12CM VALVED PEELABLE INTRODUCER	5/BOX
MR190903	9F X 12CM VALVED PEELABLE INTRODUCER	5/BOX
MR190904	9F X 15CM VALVED PEELABLE INTRODUCER	5/BOX
MR190905	9F X 15CM VALVED PEELABLE INTRODUCER	5/BOX
MR190935	9F X 15CM VALVED PEELABLE INTRODUCER	5/BOX
MR191003	10F X 12CM VALVED PEELABLE INTRODUCER	5/BOX
MR191005	10F X 15CM VALVED PEELABLE INTRODUCER	5/BOX
MR191103	11F X 12CM VALVED PEELABLE INTRODUCER	5/BOX
MR191203	12F X 12CM VALVED PEELABLE INTRODUCER	5/BOX
MR191303	13F X 12CM VALVED PEELABLE INTRODUCER	5/BOX
MR191403	14F X 14CM VALVED PEELABLE INTRODUCER	5/BOX
MR191503	15F X 14CM VALVED PEELABLE INTRODUCER	5/BOX
MR191603	16F X 14CM VALVED PEELABLE INTRODUCER	5/BOX
MR191703	17F X 14CM VALVED PEELABLE INTRODUCER	5/BOX

PEELABLE SHEATH INTRODUCER		
VS203	2F X 2CM SUPER SHEATH INTRODUCER	5/BOX
VS303	3F X 3CM SUPER SHEATH INTRODUCER	5/BOX
VS355	3.5F X 5CM SUPER SHEATH INTRODUCER	5/BOX
VS455	4.5F X 5CM SUPER SHEATH INTRODUCER	5/BOX
VS505	5F X 5CM SUPER SHEATH INTRODUCER	5/BOX
VS555	5.5F X 5CM SUPER SHEATH INTRODUCER	5/BOX
VS605	6F X 5CM SUPER SHEATH INTRODUCER	5/BOX
VS655	6.5F X 5CM SUPER SHEATH INTRODUCER	5/BOX
VS457	4.5F X 7CM SUPER SHEATH INTRODUCER	5/BOX
VS557	5.5F X 7CM SUPER SHEATH INTRODUCER	5/BOX
VS607	6F X 7CM SUPER SHEATH INTRODUCER	5/BOX
VS3010	3F X 10CM SUPER SHEATH INTRODUCER	5/BOX
VS3510	3.5F X 10CM SUPER SHEATH INTRODUCER	5/BOX
VS4510	4.5F X 10CM SUPER SHEATH INTRODUCER	5/BOX
VS5510	5.5F X 10CM SUPER SHEATH INTRODUCER	5/BOX
VS6010	6F X 10CM SUPER SHEATH INTRODUCER	5/BOX
VS6510	6.5F X 10CM SUPER SHEATH INTRODUCER	5/BOX

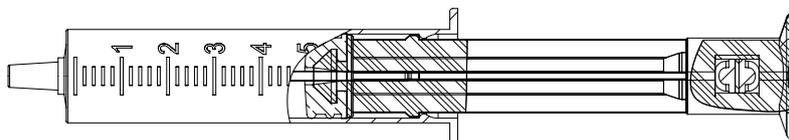
W/20CM NITINOL WIRE		
MR1902222	2F X 2CM TEARAWAY INTRODUCER SET WITH 22GA NEEDLE	10/BOX
MR1902222S	2F X 2CM TEARAWAY INTRODUCER SET WITH 22GA SAFETY NEEDLE	10/BOX
MR1902224S	2F X 2CM TEARAWAY INTRODUCER SET WITH 24GA SAFETY NEEDLE	10/BOX
MR1903222	3F X 3CM TEARAWAY INTRODUCER SET WITH 22GA NEEDLE	10/BOX
MR1903222S	3F X 3CM TEARAWAY INTRODUCER SET WITH 22GA SAFETY NEEDLE	10/BOX
MR1903224S	3F X 3CM TEARAWAY INTRODUCER SET WITH 24GA SAFETY NEEDLE	10/BOX
W/40CM NITINOL WIRE		
MR1902422	2F X 2CM TEARAWAY INTRODUCER SET WITH 22GA NEEDLE	10/BOX
MR1902422S	2F X 2CM TEARAWAY INTRODUCER SET WITH 22GA SAFETY NEEDLE	10/BOX
MR1902424S	2F X 2CM TEARAWAY INTRODUCER SET WITH 24GA SAFETY NEEDLE	10/BOX
MR1903422	3F X 3CM TEARAWAY INTRODUCER SET WITH 22GA NEEDLE	10/BOX
MR1903422S	3F X 3CM TEARAWAY INTRODUCER SET WITH 22GA SAFETY NEEDLE	10/BOX
MR1903424S	3F X 3CM TEARAWAY INTRODUCER SET WITH 24GA SAFETY NEEDLE	10/BOX
W/60CM STAINLESS STEEL WIRE		
MR1902622	2F X 2CM TEARAWAY INTRODUCER SET WITH 22GA NEEDLE	10/BOX
MR1902622S	2F X 2CM TEARAWAY INTRODUCER SET WITH 22GA SAFETY NEEDLE	10/BOX
MR1902624S	2F X 2CM TEARAWAY INTRODUCER SET WITH 24GA SAFETY NEEDLE	10/BOX
MR1903622	3F X 3CM TEARAWAY INTRODUCER SET WITH 22GA NEEDLE	10/BOX
MR1903622S	3F X 3CM TEARAWAY INTRODUCER SET WITH 22GA SAFETY NEEDLE	10/BOX
MR1903624S	3F X 3CM TEARAWAY INTRODUCER SET WITH 24GA SAFETY NEEDLE	10/BOX

Refer to the Table of Contents for Important Risk Information regarding this device.



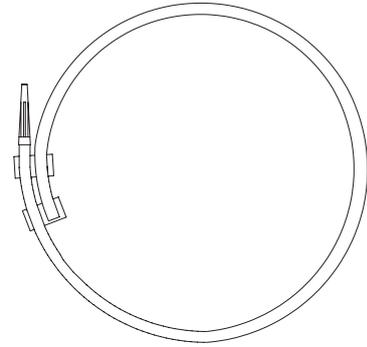
DILATORS		
MC74	4F VESSEL DILATOR	10/BOX
MC75	5F VESSEL DILATOR	10/BOX
MC76	6F VESSEL DILATOR	10/BOX
MC77	7F VESSEL DILATOR	10/BOX
MC78	8F VESSEL DILATOR	10/BOX
MC79	9F VESSEL DILATOR	10/BOX
MC70	10F VESSEL DILATOR	10/BOX
MC71	11F VESSEL DILATOR	10/BOX
MC72	12F VESSEL DILATOR	10/BOX
MC73	13F VESSEL DILATOR	10/BOX
MC714	14F VESSEL DILATOR	10/BOX
MC715	15F VESSEL DILATOR	10/BOX
MC716	16F VESSEL DILATOR	10/BOX

## GUIDEWIRE SYRINGE



GUIDEWIRE SYRINGE		
ROS	GUIDEWIRE SYRINGE	10/BOX

Refer to the Table of Contents for Important Risk Information regarding this device.

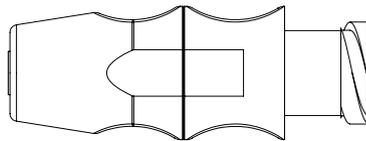


MANDREL WIRES		
MRI19100801	.010 X 80CM STAINLESS STEEL WIRE W/ HYDROPHILIC COATING	10/BOX
MRI19180450	.018 X 45CM NITINOL WIRE W/ RADIOPAQUE TIP	10/BOX
MRI19180701	.018 X 70CM MARKED NITINOL WIRE W/ RADIOPAQUE TIP W/ HYDROPHILIC COATING	10/BOX
MRI19180801	.018 X 80CM MARKED NITINOL WIRE W/ RADIOPAQUE TIP W/ HYDROPHILIC COATING	10/BOX
MRI19181301	.018 X 130CM MARKED NITINOL WIRE W/ RADIOPAQUE TIP W/ HYDROPHILIC COATING	10/BOX
G45S	.018 X 45CM STEEL WIRE	10/BOX
G65S	.018 X 65CM MARKED STEEL WIRE	10/BOX

SPRING COILED WIRES		
MC35	.035 X 70CM STRAIGHT TIP GUIDEWIRE	10/BOX
MC38	.038 X 70CM STRAIGHT TIP GUIDEWIRE	10/BOX
MC120	.038 X 120CM STRAIGHT TIP GUIDEWIRE	10/BOX

HEAVY DUTY & BENSEN GUIDEWIRES		
MC35-J	.035 X 70CM J/FLEX TIP GUIDEWIRE	10/BOX
MC38-J	.038 X 70CM J/FLEX TIP GUIDEWIRE	10/BOX
MC150J	.035 X 150CM PTFE J/FLEX GUIDEWIRE	10/BOX
MC35-JM	.035 X 70CM MARKED J/FLEX TIP GUIDEWIRE	10/BOX
MC38-JM	.038 X 70CM MARKED J/FLEX TIP GUIDEWIRE	10/BOX
MR195150	.035 X 150CM BENSEN PTFE GUIDEWIRE W/ FLEXIBLE TIP	10/BOX

## REPAIR KIT



REPAIR KIT		
RPK-01	LONG TERM DIALYSIS CATHETER REPAIR KIT	5/BOX

REPAIRS MEDCOMP® CATHETERS: Split Cath®, Hemo-Flow®, Hemo-Flow® XF, Titan™ HD

### KIT CONTAINS:

- (1) Scissors
- (1) Adhesive Backed Drape
- (1) Safety Slide Clamp
- (1) Repair Kit Luer Assembly
- (1) Clamp, Red
- (1) Clamp, Blue
- (2) End Cap

Refer to the Table of Contents for Important Risk Information regarding this device.



CTT	10F TESIO® CUTTING TROCAR	5/BOX
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RTT	RAULERSON TROCAR SET	5/BOX
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AST	SPLIT CATH® TUNNELER	5/BOX
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BTH	HEMO-CATH® BLUNT TUNNELER	5/BOX
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BTT	TESIO® BLUNT TUNNELER	5/BOX
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ASTSG	SURE GRIP SPLIT CATH® TUNNELER	5/BOX
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MR7STUN	7F PRO-LINE® .074 BARBED TUNNELER	5/BOX
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AST-L	LONG ASH TUNNELER	5/BOX
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MRACC5STUN	5F PRO-LINE® .054 BARBED TUNNELER	5/BOX
MRACC6DTUN	6F PRO-LINE® 2-BARBED TUNNELER	5/BOX



TUN3	.030 BARBED TUNNELER	5/BOX
TUN4	.042 BARBED TUNNELER WITH FLATS	5/BOX

Refer to the Table of Contents for Important Risk Information regarding this device.





DuraLock-C®

**IMPORTANT RISK INFORMATION**

DURALOCK-C® - 4.0%, 30.0%, & 46.7%

**Indications for Use:** DuraLock-C® is indicated for use in maintaining patency of Hemodialysis Catheters.

**Contraindications:** Patients with known allergies or hypersensitivity to constituents.

Refer to Instructions for Use provided with the product for complete instructions, warnings, precautions, and contraindications. Observe all instructions for use prior to using products. Failure to do so may result in patient complications.



4%, 30%, 46.7%  
Pre-filled Syringes

Configuration(s)



PRE-FILLED SYRINGES

PFDLC504	DURALOCK-C® PRE-FILLED SYRINGE 4.0%	30/BOX
PFDLC530	DURALOCK-C® PRE-FILLED SYRINGE 30.0%	30/BOX
PFDLC546	DURALOCK-C® PRE-FILLED SYRINGE 46.7%	30/BOX

Refer to the Table of Contents for Important Risk Information regarding this device.







All orders should be directed to Medcomp's Customer service department. Orders should be for full box quantities, accompanied with purchase order number.

Products are shipped via United Parcel Service or Fed Ex and are F.O.B. Origin in the Continental United States. Express service is also available at the expense of the customer. Export shipments are shipped air freight to maintain traceability. Should a customer wish air parcel post shipments, Medcomp® will not assume responsibility for lost shipments. All shipments outside of the Continental United States are F.O.B. Origin.

#### **Terms**

All orders will be billed at prevailing prices at the time of shipment. Terms are net 30 days for domestic accounts. Outside the U.S., terms are prepayment by wired funds or letter of credit at sight.

Prices are in U.S. dollars, and are subject to tax, if any. All prices are subject to change without notice.

#### **Return Goods Policy**

Return goods must be authorized by Medcomp® prior to return. Medcomp® will accept return of any standard product within 30 days, upon approval, providing it is undamaged and in original sealed package, and returned prepaid. Custom products are nonreturnable.

#### **Warranty**

- Medcomp® warrants its products to be free from defects in workmanship and materials for the period up to and including the expiration date.
- Medcomp® shall not be liable for any incidental, special or consequential loss, damage or expense directly or indirectly arising from the use of its products.
- Liability is limited to replacing, at Medcomp's option, any products which shall under normal use and service appear to the company to have been defective in materials or workmanship.
- Damage to the products through misuse, neglect, or accident voids this warranty.
- No agent, employee or representative of Medcomp® has the authority to bind Medcomp® to any other warranty.
- This warranty is expressly in lieu of any other implied warranties, including any merchantability of fitness and of any other obligation on the part of the seller.
- NOTE: Because of continuing product improvement, prices, specifications, and model availability are subject to change without notice.
- Medcomp®, Split Cath®, Split Stream®, Symetrex®, Hemo-Flow®, Tesio®, Hemo-Cath®, Duo-Split®, Duo-Flow®, Soft-Line®, Free-Flow®, T-3®, Pro-PICC®, Vasco-PICC®, Pro-Line®, Vasco-Line®, Dignity®, Pro-Fuse®, Micro-Stick®, and Duralock-C® are registered trademarks of Medical Components, Inc.
- Trio-CT™ and C3 Wave™ are trademarks of Medical Components, Inc.

#### **Patents**

To view a full list of our patents, please visit [www.medcompnet.com/patent/](http://www.medcompnet.com/patent/)



[medcompnet.com](http://medcompnet.com)



medcompnet.com

**ISO13485**  
*Certified Quality System*

1499 Delp Drive, Harleysville, PA 19438 t: 215. 256. 4201 f: 215. 256. 1787

PN2673 Rev. B 2/21