



Arrow®

Cannon® II Plus

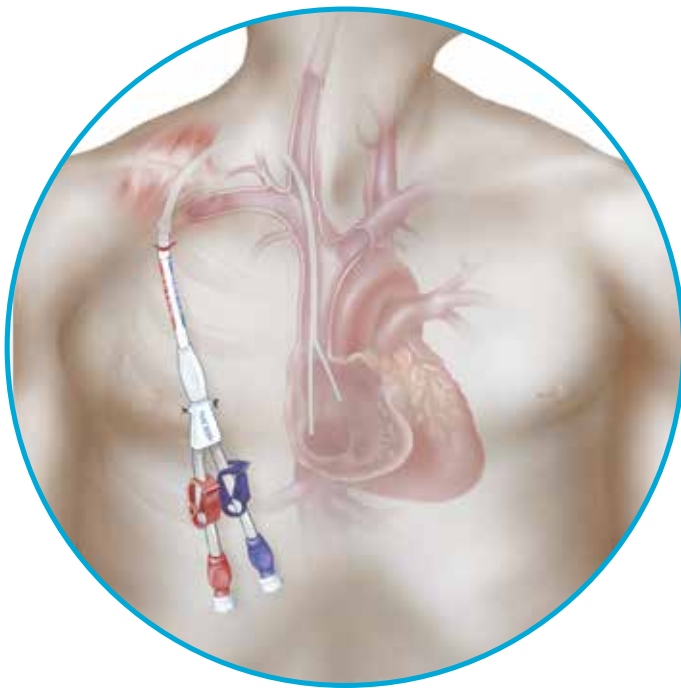
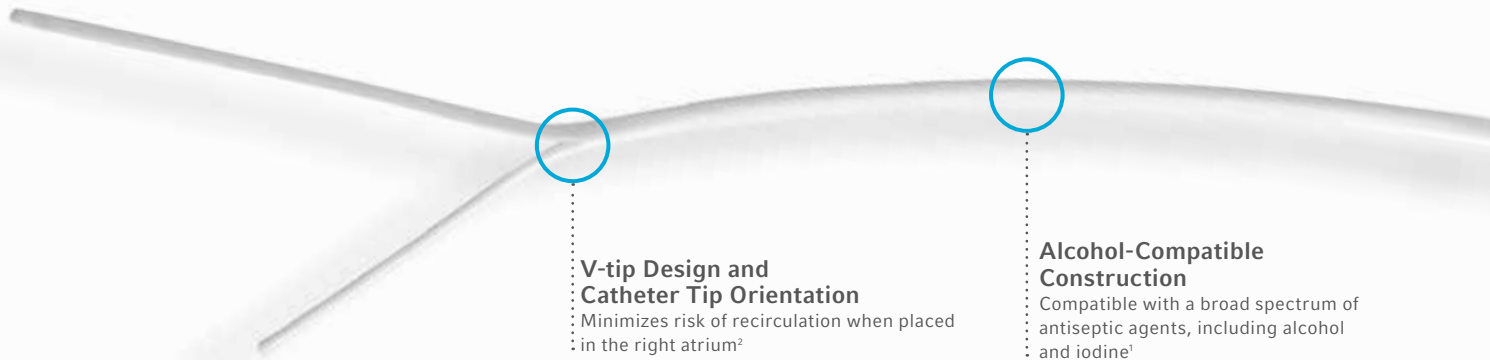
Retrograde-tunneled, Tip-first Chronic Hemodialysis Catheter

Arrow® Cannon® II Plus

Optimal Placement, Minimal Risk.

The Tip-first Advantage

Start at the Heart™ with Arrow Cannon II Plus Catheter. It's engineered specifically for retrograde tunneling. This technique improves your ability to place the catheter (especially the tip, cuff, and hub) in the ideal position, to achieve the best possible performance and patient outcome. Once in place, Arrow Cannon II Plus Catheter delivers optimal flow, is easy to maintain, and helps protect your patient from infection with minimal complications.²



Benefits of Retrograde Tunneling Technique

- Facilitates fast, precise tip placement within the right atrium³
- Helps create a smooth, contoured tunnel tract that
 - Minimizes catheter kinking⁴
 - Inhibits catheter migration⁴
 - Minimizes retrograde bleeding⁴
- Exit demarcation permits reproducible cuff positioning and exit site location⁴
- Enables extension line replacement without removing indwelling catheter



Arrow® Smartseal®

Featured in our kits—hemostatic peelable dialysis sheath

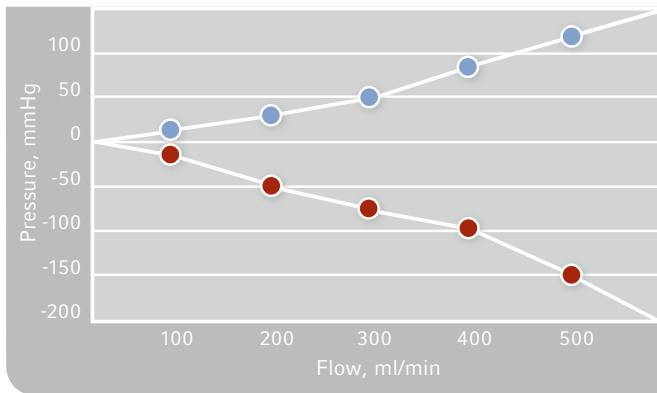
Replaceable Hub Connection

Enables easy extension line replacement without removing indwelling catheter



Optimal Flow, Clearances, and Patency = Optimal Dialysis Outcomes

Arrow® Cannon® II Plus Catheter: Pressure vs. Flow Rate



● Arterial Pressure ● Venous Pressure

Delivers High Flow Rates Up to 400 cc/min. at Low Pressures

Crescent-shaped distal arterial tip allows blood flow even if catheter tip rests against vessel wall

Arrow® Cannon® II Plus Catheterization Set

Contents:

- 1 Catheter: 15 Fr.
- 1 Arrow® SmartSeal® Hemostatic Peelable Dialysis Sheath: 16 Fr.
- 1 Spring-wire Guide: .038" (.97 mm) x 39-1/2" (100 cm) straight stiff tip on one end – "J" tip on other with Arrow Advancer™ Guidewire Advancer
- 1 Introducer Needle: 18 Ga. x 2-1/2" (6.35 cm)
- 1 Pre-loaded Tunneler (metal): w/ threaded compression cap and compression sleeve
- 1 Hub Connection Assembly
- 2 Luer-Lock Caps
- 1 Tunnel Dilator
- 1 Dressing: Tegaderm® 10 cm x 12 cm
- 1 Tissue Dilator: 12 Fr.
- 1 Tissue Dilator: 14 Fr.
- 1 Compression Sleeve
- 1 SharpsAway® II Locking Disposal Cup
- 1 Safety Scalpel: #11
- 1 Irrigation Tube with Clamp
- 1 Catheter Clamp



Arrow Cannon II Plus
Catheterization Set CS-15282-VSP

*For more information on retrograde tunneling, request an
Arrow Retrograde Insertion Poster from your sales representative.*

Ordering Information

Arrow® Cannon® II Plus Hemodialysis Catheterization Set and Arrow Simplicity® Combination Product

COLOR CODE	PRODUCT #	DESCRIPTION	TIP-TO-CUFF INSERTION LENGTH (CM)
19	CS-15242-SPM	Arrow 15 Fr. x 9.5" (24 cm) Radiopaque Polyurethane Catheter 21 Ga. Micro-Puncture Introducer Set	19
23	CS-15282-SPM	Arrow 15 Fr. x 11" (28 cm) Radiopaque Polyurethane Catheter 21 Ga. Micro-Puncture Introducer Set	23
27	CS-15322-SPM	Arrow 15 Fr. x 12.5" (32 cm) Radiopaque Polyurethane Catheter 21 Ga. Micro-Puncture Introducer Set	27
31	CS-15362-SPM	Arrow 15 Fr. x 14" (36 cm) Radiopaque Polyurethane Catheter 21 Ga. Micro-Puncture Introducer Set	31



Colored bands on guidewire correspond to color-coded catheter packaging. Arrow Simplicity Micro-Puncture Introducer Set can only be used with Arrow chronic hemodialysis catheters.

Arrow Cannon II Plus Hemodialysis Catheterization Set Contents:

- 1 Catheter: 15 Fr.
- 1 Arrow® SmartSeal® Hemostatic Peelable Dialysis Sheath: 16 Fr.
- 1 Spring-wire Guide: .038" (.97 mm) x 39-1/2" (100 cm) straight stiff tip on one end – "J" tip on other with Arrow Advancer™ Guidewire Advancer
- 1 Introducer Needle: 18 Ga. x 2-1/2" (6.35 cm)
- 1 Pre-Loaded Tunneler (metal): w/ threaded compression cap and compression sleeve
- 1 Hub Connection Assembly
- 2 Luer-Lock Caps
- 1 Tunnel Dilator
- 1 Dressing: Tegaderm + 10 cm x 12 cm
- 1 Tissue Dilator: 12 Fr.
- 1 Tissue Dilator: 14 Fr.
- 1 Compression Sleeve
- 1 SharpsAway® II Locking Disposal Cup
- 1 Safety Scalpel: #11
- 1 Irrigation Tube with Clamp
- 1 Catheter Clamp

Arrow Cannon II Plus Hub Connection Replacement Set Contents:

- 1 Connector Assembly
- 1 Compression Adapter
- 1 Compression Sleeve
- 1 Catheter Clamp
- 2 Luer-Lock Caps
- 1 Spare Compression Sleeve

Caution: Federal law restricts this device to sale by or on the order of a physician. Contents of unopened, undamaged package are sterile. Disposable. Refer to package insert for current warnings, indications, contraindications, precautions and Instructions For Use.

Arrow® Cannon® II Plus Hemodialysis Catheterization Set

COLOR CODE	PRODUCT #	DESCRIPTION	TIP-TO-CUFF INSERTION LENGTH (CM)
19	CS-15242-VSP	Arrow 15 Fr. x 9.5" (24 cm) Radiopaque Polyurethane Catheter	19
23	CS-15282-VSP	Arrow 15 Fr. x 11" (28 cm) Radiopaque Polyurethane Catheter	23
27	CS-15322-VSP	Arrow 15 Fr. x 12.5" (32 cm) Radiopaque Polyurethane Catheter	27
31	CS-15362-VSP	Arrow 15 Fr. x 14" (36 cm) Radiopaque Polyurethane Catheter	31
	CS-15552-VSP*	Arrow 15 Fr. x 22" (55 cm) Radiopaque Polyurethane Catheter	50

Arrow® Cannon® II Plus Hub Connection Assembly Replacement Sets (For use with Arrow® Cannon® II Plus)

PRODUCT #	DESCRIPTION
CAR-02400	Arrow 15 Fr. x 9.5" (24 cm) Hub Connection Assembly Replacement Set
CAR-02800	Arrow 15 Fr. x 11" (28 cm) Hub Connection Assembly Replacement Set 23
CAR-03200	Arrow 15 Fr. x 12.5" (32 cm) Hub Connection Assembly Replacement Set
CAR-03600	Arrow 15 Fr. x 14" (36 cm) Hub Connection Assembly Replacement Set
CAR-05500	Arrow 15 Fr. x 22" (55 cm) Hub Connection Assembly Replacement Set

Arrow Simplicity® Micro-Puncture Introducer Set

PRODUCT #	DESCRIPTION	QTY
MP-04550-AS	Color-Coded Micro-Puncture Introducer Set	5 ea. per box

Does not contain natural rubber latex. All Chronic Catheters sold individually.

Key:

"N" denotes product is not CE marked.

* CS-15552-VSP contains .038" x 120 cm Wire Guide.

Reference:

1. Alcohol, alcohol-based solutions (e.g., Hibiclens®, Chloraprep®), iodine-based solutions (Povidone-Iodine), PEG-based ointments (e.g., Bactroban®), hydrogen peroxide or ExSept Plus® are accepted for use with this catheter.
2. Caridi, J., Ross, E., Aspilcueta, A., Wiley, S. (2010). The Cannon Catheter-A Prospective Analysis. *Journal of vascular and Interventional Radiology*. 21:1588-1590.
3. Davanzo WJ. Efficacy and safety of a retrograde tunneled hemodialysis catheter: 6-month clinical experience with the Cannon Catheter chronic hemodialysis catheter. *J Vasc Access*. 2005 Jan-Mar;6(1):38-44.
4. Ross J. Optimizing catheter tip positioning. *Endovasc Today*. 2003;2:32-34.

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Corporate Office

Phone +1 610 225 6800, 550 E. Swedesford Road, Suite 400, Wayne, PA 19087, USA

Regional Offices

United States: Phone +1 919 544 8000, Toll Free 866 246 6990, cs@teleflex.com, 3015 Carrington Mill Boulevard, Morrisville, NC 27560, USA

Latin America: Phone +1 919 433 4999, la.cs@teleflex.com, 3015 Carrington Mill Boulevard, Morrisville, NC 27560, USA

International: Phone +353 (0)9 06 46 08 00, orders.intl@teleflex.com, Teleflex Medical Europe Ltd., IDA Business and Technology Park, Dublin Road, Athlone, Co Westmeath, Ireland

Australia/New Zealand 1300 360 226

Austria +43 (0)1 402 47 72

Belgium +32 (0)2 333 24 60

Canada +1 (0) 905 943 9000

China (Shanghai) +86 (0)21 6163 0965

China (Beijing) +86 (0)10 6418 5699

Czech Republic +420 (0)495 759 111

France +33 (0)5 62 18 79 40

Germany +49 (0)7151 406 0

Greece +30 210 67 77 717

India +91 (0)44 2836 5040

Italy +39 0362 58 911

Japan +81 (0)3 6632 3600

Korea +82 2 536 7550

Mexico +52 55 5002 3500

Netherlands +31 (0)88 00 215 00

Portugal +351 22 541 90 85

Singapore (SEA non-direct sales countries) +65 6439 3000

Slovak Republic +421 (0)3377 254 28

South Africa +27 (0)11 807 4887

Spain +34 918 300 451

Switzerland +41 (0)31 818 40 90

United Kingdom +44 (0)1494 53 27 61

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