



ARROW NEXTSTEP® ANTEGRADE & ARROW EDGE

The next step in dialysis catheter technology



TELEFLEX – DIALYSIS ACCESS THE ARROW WAY THE NEXT STEP IN DIALYSIS CATHETER TECHNOLOGY

Trusted brands make Teleflex a reliable and strong partner. Built on a solid tradition of innovation, Teleflex is a global leader in superior medical supplies designed to help providers minimise risk and maximise outcomes for their patients. Our understanding of the importance to our customers of a full range of devices has led to the development of a unique line of products, all of which complement one another.

ARROW's innovative dialysis access products are inspired by clinicians, based on the results they need to achieve. Therefore, we design every catheter to be as easy to use as it is effective, and precisely manufacture each one with uncompromising quality. As a result, clinicians trust ARROW's technology to enable safer procedures and deliver effective patient outcomes.

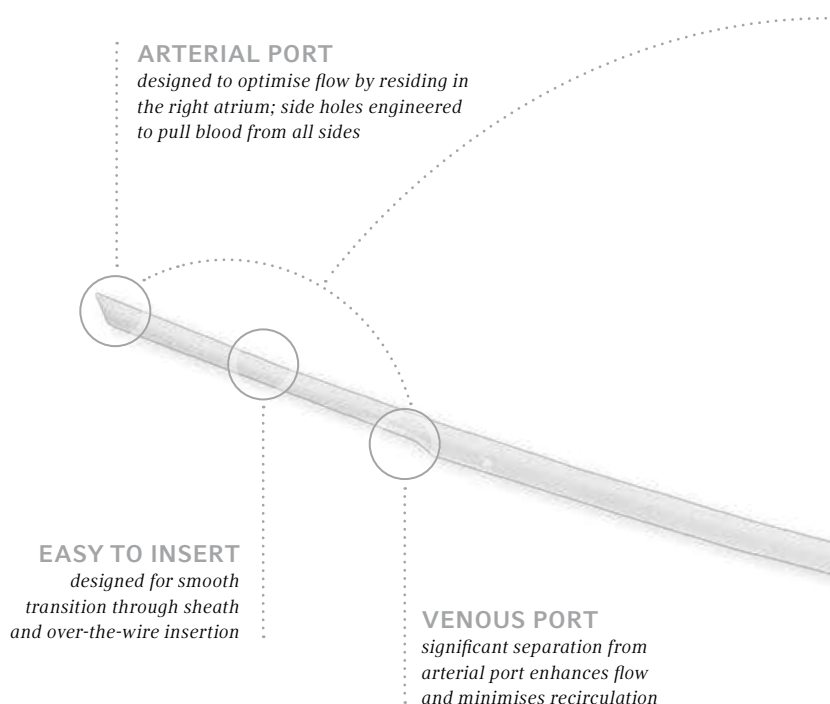
TELEFLEX – HIGH QUALITY MEDICAL SUPPLIES FROM A SINGLE SOURCE

ARROW NEXTSTEP ANTEGRADE 3

Step-tip ease meets split-tip flow

ARROW EDGE® 6

Antegrade-tunneled chronic haemodialysis catheter



ARROW NEXTSTEP ANTEGRADE

STEP-TIP EASE MEETS SPLIT-TIP FLOW

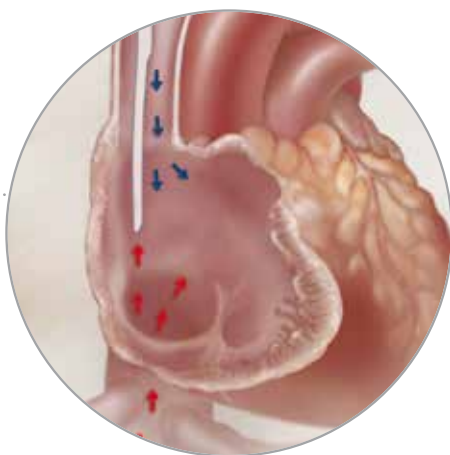
THE ARROW NEXTSTEP ANTEGRADE IS A CHRONIC HAEMODIALYSIS CATHETER DESIGNED TO COMBINE:

- a step-tip catheter's ease of insertion
- a split-tip catheter's sustained high flow

EASE OF INSERTION

The ARROW NextStep Antegrade's unique tip is designed for:

- smooth transition of over-the-wire insertion and exchanges
- smooth transition through a sheath



REVERSED PORTS
to help deliver sustained high flow, the ARROW NextStep Antegrade's ports are reversed: The venous port resides in the SVC, the arterial port in the right atrium.

ALCOHOL-COMPATIBLE CONSTRUCTION

for use with a broad spectrum of agents, including Chloraprep® and iodine²

DESIGNED FOR SUSTAINED HIGH FLOW AND MINIMAL RECIRCULATION

To reduce recirculation and deliver high flow, the ARROW NextStep Antegrade's tip has two unique, complementary features:

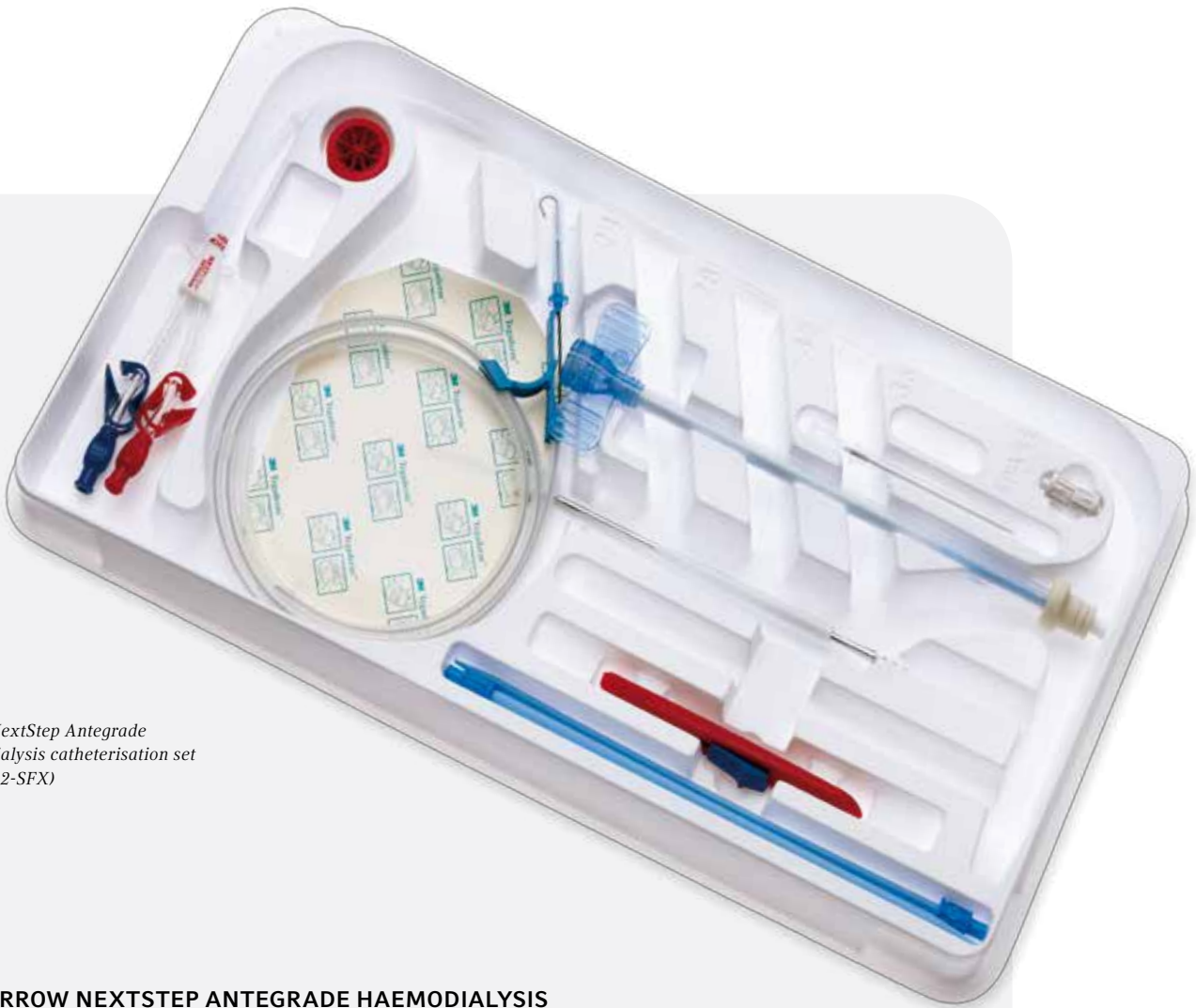
- the ports are reversed to take better advantage of blood flow dynamics
 - the venous port releases blood in the SVC
 - the arterial port draws blood from the right atrium
 - side holes on the tip are designed to pull blood from all sides
- the ports are significantly separated to both enhance flow and minimise recirculation



FEATURED KIT COMPONENTS

ARROW SmartSeal® haemostatic peelable dialysis sheath

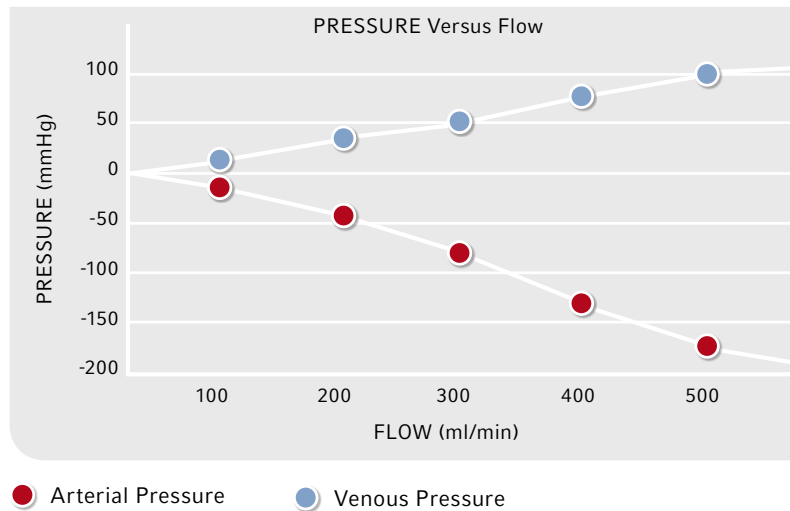
- designed to minimise risk of air embolism and clinicians' exposure to bloodborne pathogens when compared to a sheath that does not have a valve



ARROW NextStep Antegrade
Haemodialysis catheterisation set
(CS-15232-SFX)

THE ARROW NEXTSTEP ANTEGRADE HAEMODIALYSIS CATHETERISATION SET INCLUDES:

- 1 catheter: 15 Fr.
- 1 ARROW SmartSeal® haemostatic 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™
- 1 introducer needle: 18 Ga. x 2-1/2" (6.35 cm)
- 1 pre-loaded tunneler (metal) with tunneling sheath
- 2 Luer-lock caps
- 1 dressing: Tegaderm® 10 cm x 12 cm
- 1 tissue dilator: 12 Fr.
- 1 tissue dilator: 14 Fr.
- 1 SharpsAway II™ locking disposal cup
- 1 safety scalpel: #11
- 1 patient ID card

ENGINEERED FOR HIGH FLOW, OPTIMAL PERFORMANCE**OPTIMAL FLOW, CLEARANCES AND PATENCY = OPTIMAL DIALYSIS OUTCOMES**

ARROW NextStep pressure vs. flow rate. Delivers high flow rates up to 400 cc/min at low pressures¹

ARROW NEXTSTEP ANTEGRADE CHRONIC HAEMODIALYSIS CATHETER SETS

ARROW

REF.	DESCRIPTION	TIP-TO-CUFF INSERTION LENGTH (CM)
CS-15192-SFX	Arrow 15 Fr. x 7.5" (19 cm) radiopaque polyurethane catheter	19
CS-15232-SFX	Arrow 15 Fr. x 9" (23 cm) radiopaque polyurethane catheter	23
CS-15272-SFX	Arrow 15 Fr. x 10.5" (27 cm) radiopaque polyurethane catheter	27
CS-15312-SFX	Arrow 15 Fr. x 12" (31 cm) radiopaque polyurethane catheter	31
CS-15422-SFX	Arrow 15 Fr. x 16.5" (42 cm) radiopaque polyurethane catheter	42
CS-15502-SFX	Arrow 15 Fr. x 19.7" (50 cm) radiopaque polyurethane catheter	50

Not made with natural rubber latex.

REFERENCE:

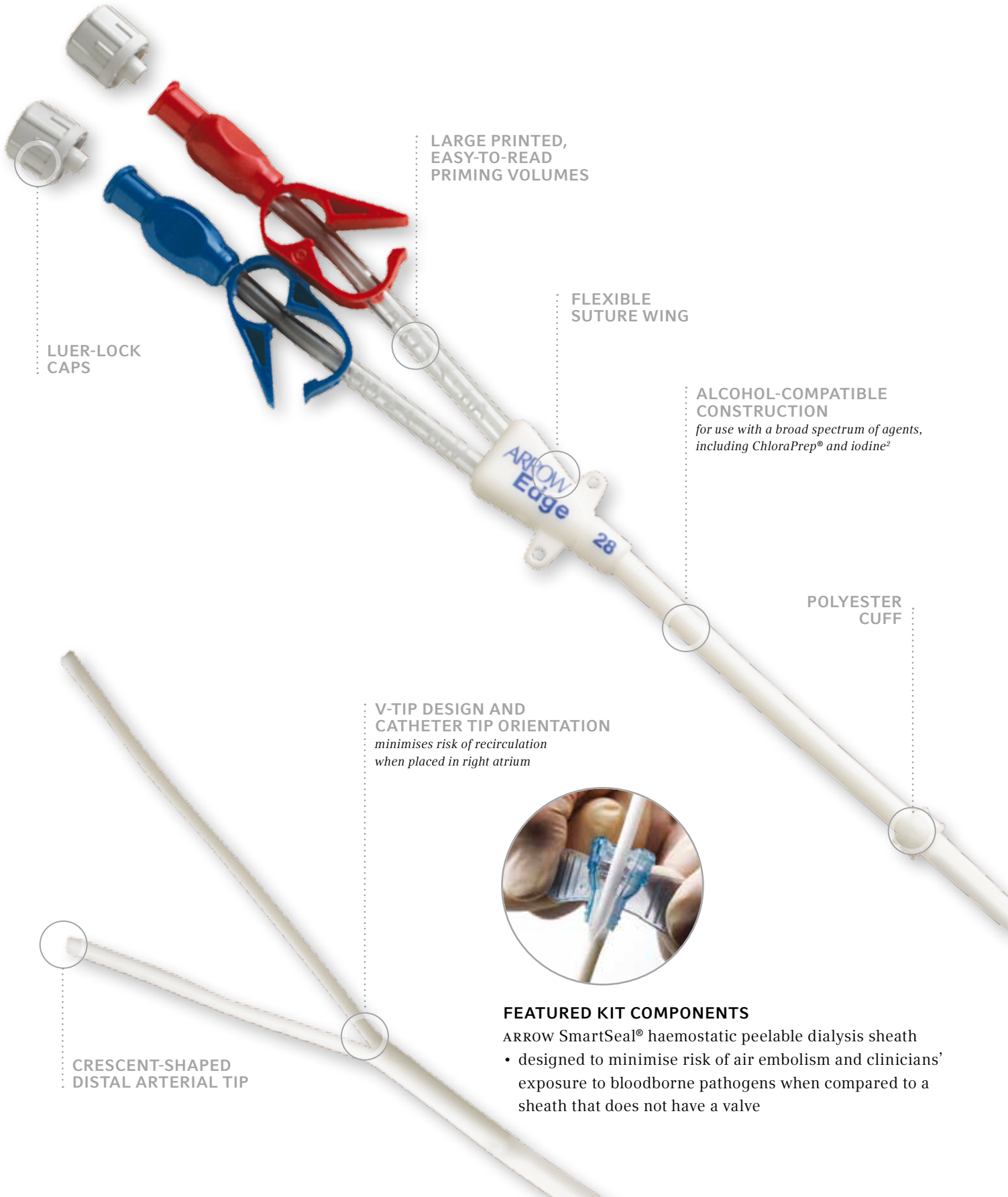
¹ In vitro tests performed by an independent laboratory using 3:1 glycerine/saline at 37°C (Citech, Plymouth Meeting, PA).

² 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.

Caution: US Federal law restricts this device to sale by or on the order of a physician.

ARROW EDGE®

ANTEGRADE-TUNNELED CHRONIC HAEMODIALYSIS CATHETER



LARGE PRINTED,
EASY-TO-READ
PRIMING VOLUMES

FLEXIBLE
SUTURE WING

LUER-LOCK
CAPS

ALCOHOL-COMPATIBLE
CONSTRUCTION
*for use with a broad spectrum of agents,
including ChloroPrep® and iodine²*

POLYESTER
CUFF

V-TIP DESIGN AND
CATHETER TIP ORIENTATION
*minimises risk of recirculation
when placed in right atrium*



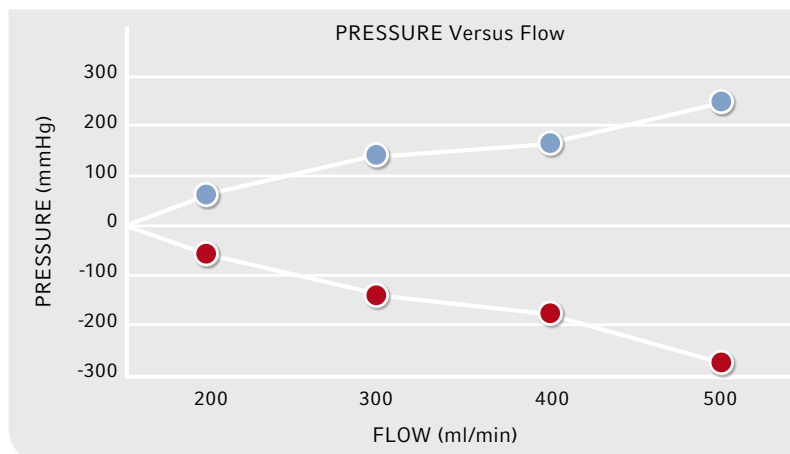
CRESCENT-SHAPED
DISTAL ARTERIAL TIP

FEATURED KIT COMPONENTS

ARROW SmartSeal® haemostatic peelable dialysis sheath

- designed to minimise risk of air embolism and clinicians' exposure to bloodborne pathogens when compared to a sheath that does not have a valve

ENGINEERED FOR HIGH FLOW, OPTIMAL PERFORMANCE



● Arterial Pressure ● Venous Pressure

OPTIMAL FLOW, CLEARANCES AND PATENCY = OPTIMAL DIALYSIS OUTCOMES

ARROW Edge pressure vs. flow rate. Delivers high flow rates up to 400 cc/min at low pressures¹

ARROW EDGE HAEMODIALYSIS CATHETERISATION SET WITH SMARTSEAL

ARROW

REF.	DESCRIPTION	TIP-TO-CUFF INSERTION LENGTH (CM)	QTY
CS-15242-I	Arrow 15 Fr. x 9.5" (24 cm) radiopaque polyurethane catheter	19	1
CS-15282-I	Arrow 15 Fr. x 11" (28 cm) radiopaque polyurethane catheter	23	1
CS-15322-I	Arrow 15 Fr. x 12.5" (32 cm) radiopaque polyurethane catheter	27	1
CS-15362-I	Arrow 15 Fr. x 14" (36 cm) radiopaque polyurethane catheter	31	1
CS-15552-I	Arrow 15 Fr. x 22" (55 cm) radiopaque polyurethane catheter	50	1

Not made with natural rubber latex.

THE ARROW NEXTSTEP EDGE HAEMODIALYSIS CATHETERISATION SET INCLUDES:

- 1 catheter: 15 Fr.
- 1 ARROW SmartSeal® haemostatic 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™
- 1 introducer needle: 18 Ga. x 2-1/2" (6.35 cm)
- 1 pre-loaded tunneler (metal) with tunneling sheath
- 2 Luer-lock caps
- 1 dressing: Tegaderm® 10 cm x 12 cm
- 1 tissue dilator: 12 Fr.
- 1 tissue dilator: 14 Fr.
- 1 SharpsAway II™ locking disposal cup
- 1 safety scalpel: #11
- 1 patient ID card

REFERENCE:

¹ *In vitro* test conducted by Arrow International Inc., Data on file.

² Alcohol, alcohol-based solutions (e.g., Hibiclens®, ChlorPrep®), iodine-based solutions (Povidone-Iodine), PEG-based ointments (e.g., Bactroban®), hydrogen peroxide or ExSept Plus® are accepted for use with this catheter.

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Teleflex is a leading global provider of specialty medical devices used for diagnostic and therapeutic procedures in critical care, urology and surgery. Our mission is to provide solutions that enable healthcare providers to improve outcomes and enhance patient and provider safety.

We specialise in devices for general and regional anaesthesia, cardiac care, respiratory care, urology, vascular access and surgery and we serve healthcare providers in more than 130 countries. Teleflex also provides specialty products for medical device manufacturers.

Our well known brands include ARROW®, DEKNATEL®, GIBECK®, HUDSON RCI®, KMEDIC®, LMA™, PILLING®, PLEUR-EVAC®, RÜSCH®, SHERIDAN®, TAUT®, TFX OEM®, VASONOVA™ and WECK®, all of which are trademarks or registered trademarks of Teleflex Incorporated.

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For detailed information see www.teleflex.com

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