



ARROW®

# Reduce catheter-related bloodstream infections in high-risk patients<sup>1</sup>

AGB

Antimicrobial

Arrowg+ard **Blue**®  
**Acute Hemodialysis** Catheters

CENTRAL ACCESS

Teleflex®

# Arrowg+ard **Blue**<sup>®</sup> Acute Hemodialysis Catheters



**6.6x**  
greater CLABSI risk<sup>2</sup>

The risk for CLABSI is up to 6.6 times greater without maximal barrier precautions<sup>2</sup>, such as those found in Arrowg+ard Blue<sup>®</sup> Acute Hemodialysis Catheter kits.

# Protect your patients + prevent infections

We are inspired by your fight against infection, especially with vulnerable patients who require dialysis treatment.<sup>3,9</sup> That is why our Arrowg+ard Blue® Acute Hemodialysis Catheters feature our proprietary chlorhexidine-based antimicrobial technology. Make sure to choose an antimicrobial catheter with technology that has a proven track record and broad spectrum of antimicrobial protection.<sup>4</sup>

## \$48,108

The average cost of CLABSI per incident<sup>5</sup>

### Rotating Suture Hub

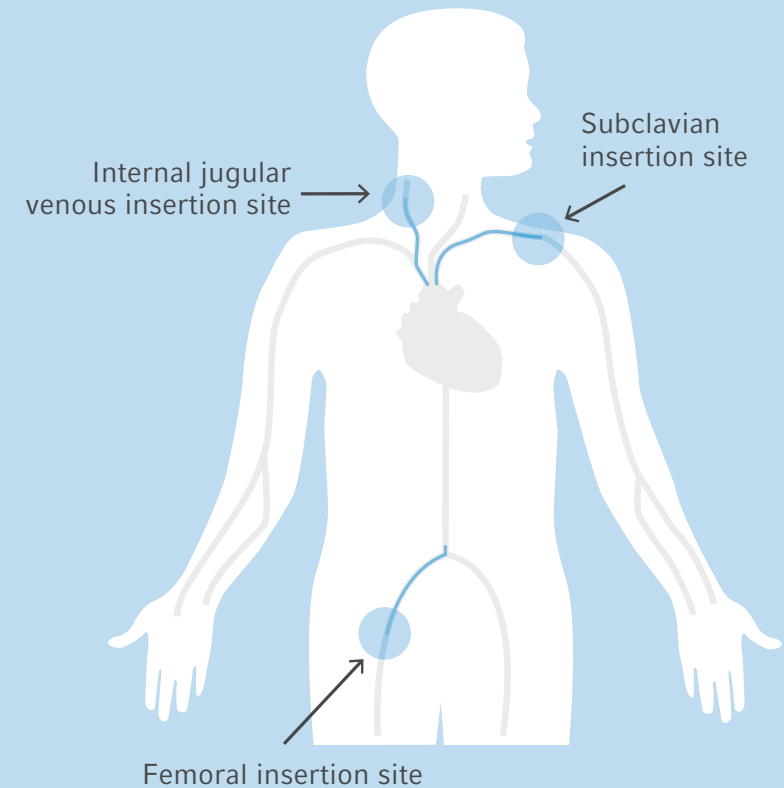
Provides support and flexibility during patient movement

**Optional You-Bend Extension Lines** Enable convenient positioning and repositioning of the extension lines for patient comfort

**Antimicrobial Technology** Fights infection by inhibiting microorganisms from migrating along the exterior surface of the catheter<sup>1</sup>

### Blue FlexTip® Catheter Tip

Soft catheter tip balances insertion capability with indwelling performance



Teleflex provides vascular access solutions across the continuum of clinical and patient needs.



**Learn more** about the Arrowg+ard® Catheter portfolio



**Watch** the Arrowg+ard Blue® Protection mechanism of action

# Trust + science you can count on

We are your teammate in reducing infection and improving patient safety. Since it was introduced in 1992, more than 30 studies and reviews have demonstrated that antimicrobial Arrowg+ard® Technology protects against incidences of CLABSI.<sup>4</sup> Arrowg+ard Blue® Acute Hemodialysis Catheters from Teleflex offer uncompromising quality for hemodialysis patients and safety features designed to protect against infection and the risk of vessel damage.



## Why Arrowg+ard Blue® Catheters?

The Center for Disease Control (CDC), Society for Healthcare Epidemiology of America (SHEA), and Infusion Nurses Society (INS) Standards of Practice guidelines to prevent infection specifically recommend using a chlorhexidine/silver sulfadiazine-impregnated catheter to lower incidence of catheter-related bloodstream infections (CRBSI).<sup>6-8</sup>



## Guidelines meet:



Centers for Disease Control and Prevention (CDC) Category 1A recommendations.<sup>6</sup>



Society for Healthcare Epidemiology of America (SHEA) Guidelines.<sup>7</sup>



Infusion Nurses Society (INS) Standards of Practice.<sup>8</sup>



External surface protection to reduce colonization by pathogens<sup>1</sup>



# Safely deliver high-flow rates at low venous pressures

Permits venous access to the  
central circulation for:

- Rapid fluid administration
- Temporary or acute hemodialysis
- Apheresis
- Hemofiltration



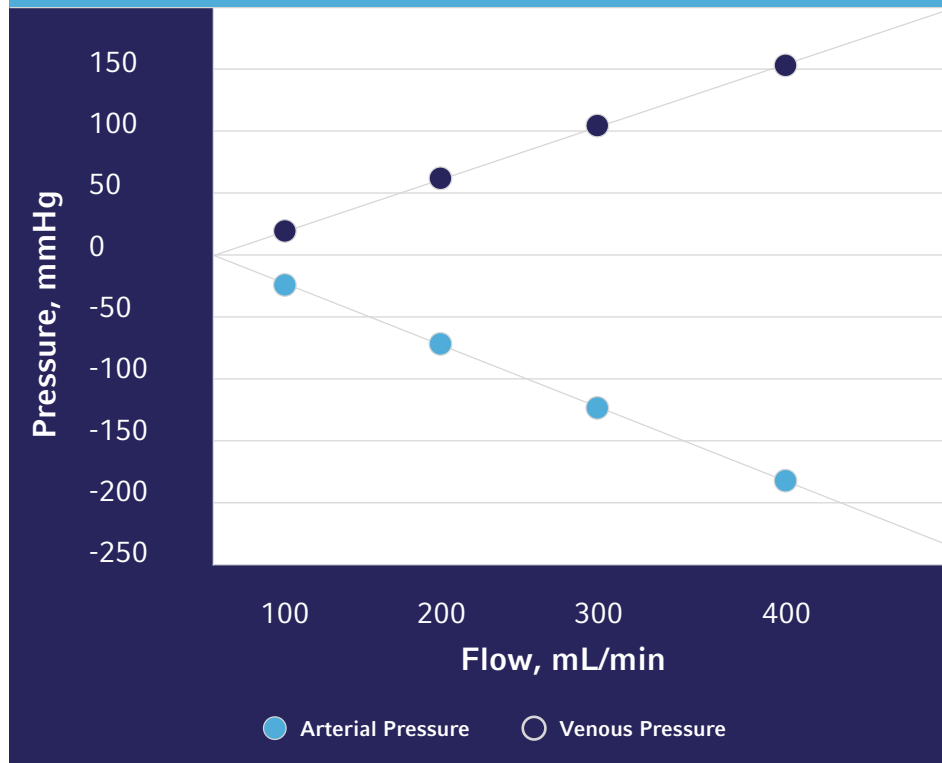
**Contact** your Teleflex representative  
for more information about any of our  
Arrowg+ard Blue® Hemodialysis Catheters.



# High-flow at low pressure

Central line-associated bloodstream infections (CLABSI) are the second leading cause of death in hemodialysis patients, with an attributable mortality rate ranging between 12% and 25%.<sup>9</sup>

Acute Hemodialysis Pressure vs. Flow Rate<sup>1</sup>



## Cross-section diagram



Our 14 Fr large-bore, double-lumen acute hemodialysis catheters enable dialysis nurses and clinicians to deliver high flow rates up to 400 mL/min at low venous pressures.



Approximately

**500,000**

patients receive hemodialysis for end-stage renal disease annually in the U.S.<sup>9</sup>



# Supporting your workflow

Our innovation does not stop with our protected catheters. We have the accessories you need to help your teams produce a seamless experience throughout the procedure.

## The Arrow® ErgoPack® Complete System

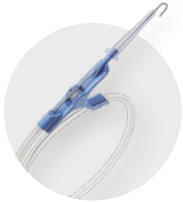
A kit designed to be ergonomic and all-inclusive, helping you and your team save time and have a safer and more confident insertion.

The ErgoPack® Complete System is available in Hemodialysis, Large Bore, CVC, MAC and PSI max barrier kits.

The Arrow® ErgoPack® Complete System comes with:



**Nitinol wire**  
Kink-resistant compared to stainless steel



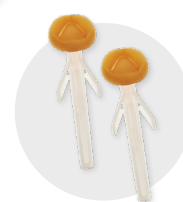
**Arrow® GlideWheel™ Advancer**  
Provides tactile feedback and finer control



**Transducer cover**  
Supports guidelines for ultrasound insertion



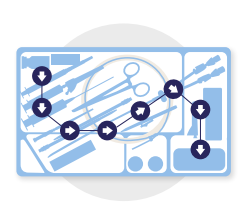
**Pre-filled sterile saline syringe**  
One per lumen now included in kit



**Extra Chloraprep® skin prep**  
Extra applicator in each kit



**Kits available with BioPatch® Protective Disk or Tegaderm™ CHG Dressing**



**Efficient tray design**  
The top-to-bottom, left-to-right layout reduces missteps and increases efficiency



**Learn more** about the  
ErgoPack® Complete System

# Receive Continuing Education

## Teleflex Academy

### Your one-stop education center.

We are here to be a teammate beyond the sale of our catheters and products. **Through Teleflex Academy, you will have access to e-learning modules, hands-on training, and webinars.** Receive valuable Continuing Education for healthcare providers, or simply gain a better understanding of how to efficiently use your Arrow® Catheters and other products. Our resources are at your fingertips to help you and your teammates do your job more effectively.



Hands-On  
Training



E-learning  
Courses



Webinars



Resource  
Library



Video  
Library



**Learn more** about  
Teleflex Academy



### Our courses are approved and regulated by:

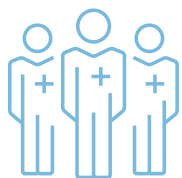
- The California Board of Registered Nursing, provider number 12422
- The Continuing Respiratory Care Education (CRCE) system of the American Association for Respiratory Care (AARC)



Do you have a need for an  
**in-person process evaluation  
and risk assessment** related  
to the use of **Arrow® Products?**

### Arrow® OPERA Program

- On-site assessment
- Interviews (1–2 clinicians per unit)
- Summary meeting
- Follow-up as needed



To learn more, [click here](#)  
to connect with the Teleflex  
Clinical and Medical Affairs team.



#### References:

1. AGB AHD IFU- S-22142-105C
2. Content last reviewed November 2017. Agency for Healthcare Research and Quality, Rockville, MD. <https://www.ahrq.gov/hai/pfp/haccost2017-results.html>
3. Veenstra, D.L., Saint, S., Saha, S., Lumley, T., Sullivan, S.D. Cost-Effectiveness of Antiseptic-Impregnated Central Venous Catheters for the Prevention of Catheter-Related Bloodstream Infection. *Journal of the American Medical Association*, January 20, 1999, Vol. 281, Issue 3, pp. 261–267.
4. Arrowg+ard Blue® Protection Clinical References MC-004390.
5. Estimating the Additional Hospital Inpatient Cost and Mortality Associated With Selected Hospital-Acquired Conditions. 2017. Agency for Healthcare Research and Quality, Rockville, MD. Available at: <https://www.ahrq.gov/hai/pfp/haccost2017-results.html>
6. O’Grady NP, Alexander M, Burns LA, et al. Guidelines for the Prevention of Intravascular Catheter-Related Infections, 2011 (Revised 2017). 2. Atlanta, GA: Centers for Disease Control and Prevention; 2017.
7. Buetti, N., Marschall, J., Drees, M., Fakh, M., Hadaway, L., Maragakis, L., Mermel, L. (2022). Strategies to prevent central line-associated bloodstream infections in acute-care hospitals: 2022 Update. *Infection Control & Hospital Epidemiology*, 1-17. doi:10.1017/ice.2022.87.
8. Gorski, Lisa A., et al. “Infusion therapy standards of practice.” *Journal of Infusion Nursing*, 44.1S (2021): S1-S224.
9. Weiss S, Qureshi M. Evaluating a Novel Hemodialysis Central Venous Catheter Cap in Reducing Bloodstream Infections: A Quality Improvement Initiative. *International Journal of Nephrology and Renovascular Disease*. 2021;14:125-131. doi:10.2147/IJNRD.S304605.

#### Rx only.

Contraindication: Arrowg+ard Blue® Acute Hemodialysis Catheters are contraindicated for patients with known hypersensitivity to chlorhexidine and silver sulfadiazine and/or sulfa drugs.

BioPatch is a registered trademark of Johnson & Johnson. ChlorPrep is a registered trademark of Becton, Dickinson and Company. Tegaderm is a registered trademark of 3M.

Information in this document is no substitute for the IFU. The products in this document may not be available in all countries.

Please contact your local representative. All data current as of 04/2023.

Teleflex, the Teleflex logo, Arrow, Arrowg+ard, Arrowg+ard Blue, Blue FlexTip, ErgoPack, and GlideWheel are trademarks or registered trademarks of Teleflex Incorporated or its affiliates, in the U.S. and/or other countries. All other trademarks are trademarks of their respective owners.

© 2023 Teleflex Incorporated. All rights reserved. MC-007712 Rev 2

#### Corporate Office

+1 610 225 6800

550 E. Swedesford Road, Suite 400  
Wayne, PA 19087, USA

#### Regional Offices

United States:

+1 919 544 8000

Toll Free 866 246 6990

cs@teleflex.com

3015 Carrington Mill Boulevard  
Morrisville, NC 27560, USA

Latin America:

+1 919 433 4999

la.cs@teleflex.com

3015 Carrington Mill Boulevard  
Morrisville, NC 27560, USA

International:

+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 +1300 360 226

Austria +43 (0)1 402 47 72

Belgium +32 (0)2 333 24 60

Canada +905 943 9004

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

New Zealand +0800 601 100

Portugal +351 22 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

For more information,  
please visit [teleflex.com](https://www.teleflex.com).