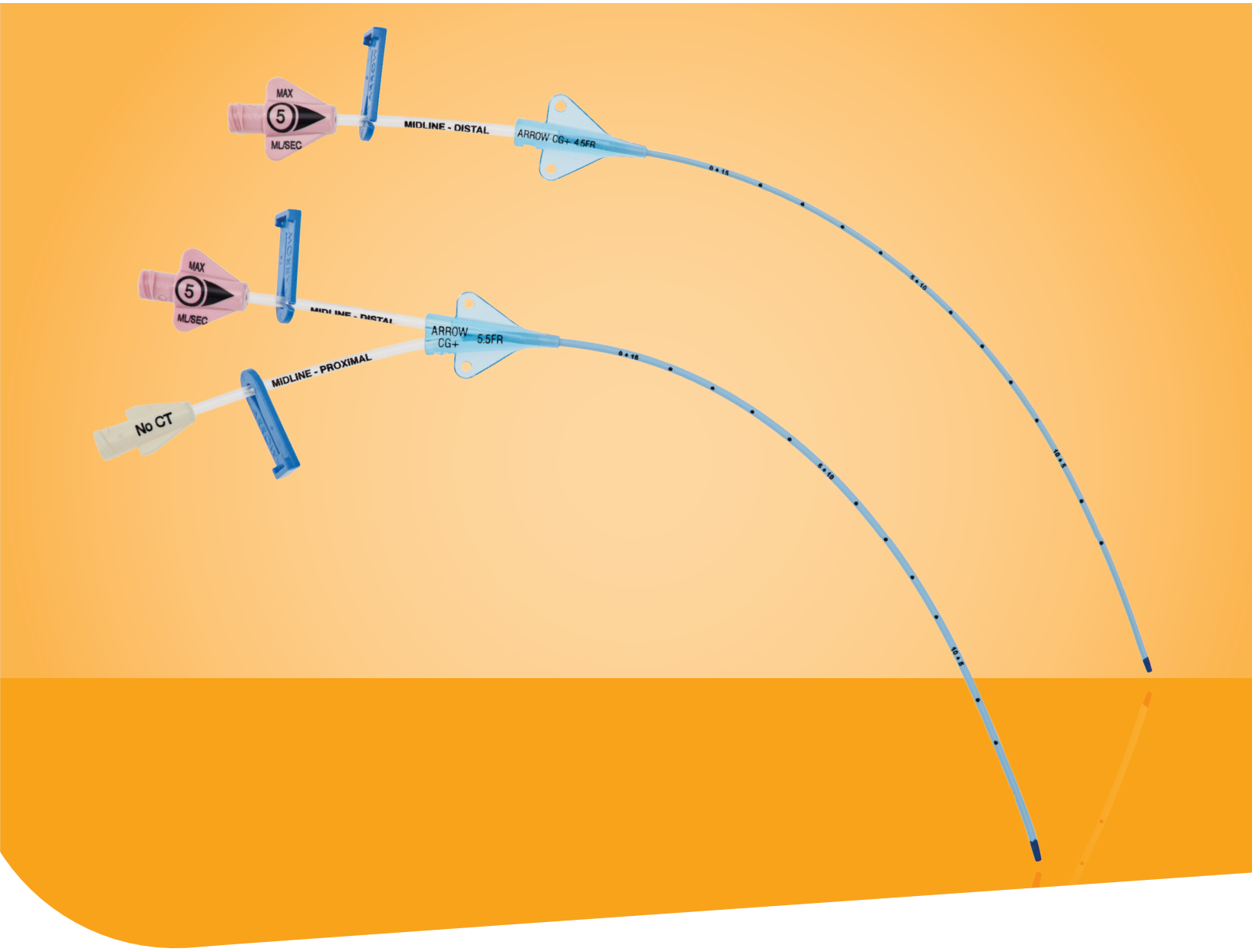
ARROW®



Arrowg+ard Blue Advance™ Midline

Extended dwell*, extended catheter protection

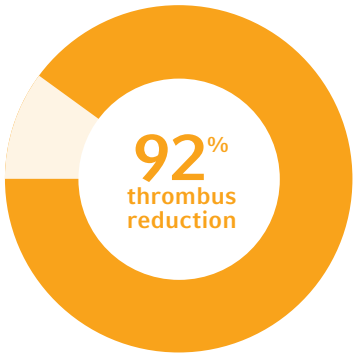
Teleflex®

The one midline that delivers extended dwell* *and* extended catheter protection

When the situation calls for a midline, reach for the pressure-injectable Arrowg+ard Blue Advance™ Midline. Using an insertion approach you are accustomed to, it offers critical innovations that you and your patients will appreciate.

Arrowg+ard Blue Advance™ Protection reduces the risk of catheter-related complications— including occlusion, phlebitis, and thrombus accumulation on catheter surfaces— for at least 29 days, giving you the flexibility for extended dwell*.[2,5,6] It's the midline designed to actually inhibit thrombus formation on catheter surfaces.[2] Plus, unique features include a GlideThru® Sheath and a Blue FlexTip® feature that helps to minimize vessel damage.[1]

Designed to address typical complaints of today's midlines, the Arrowg+ard Blue Advance™ Midline is the choice that patients, clinicians and hospitals will love for so many reasons.

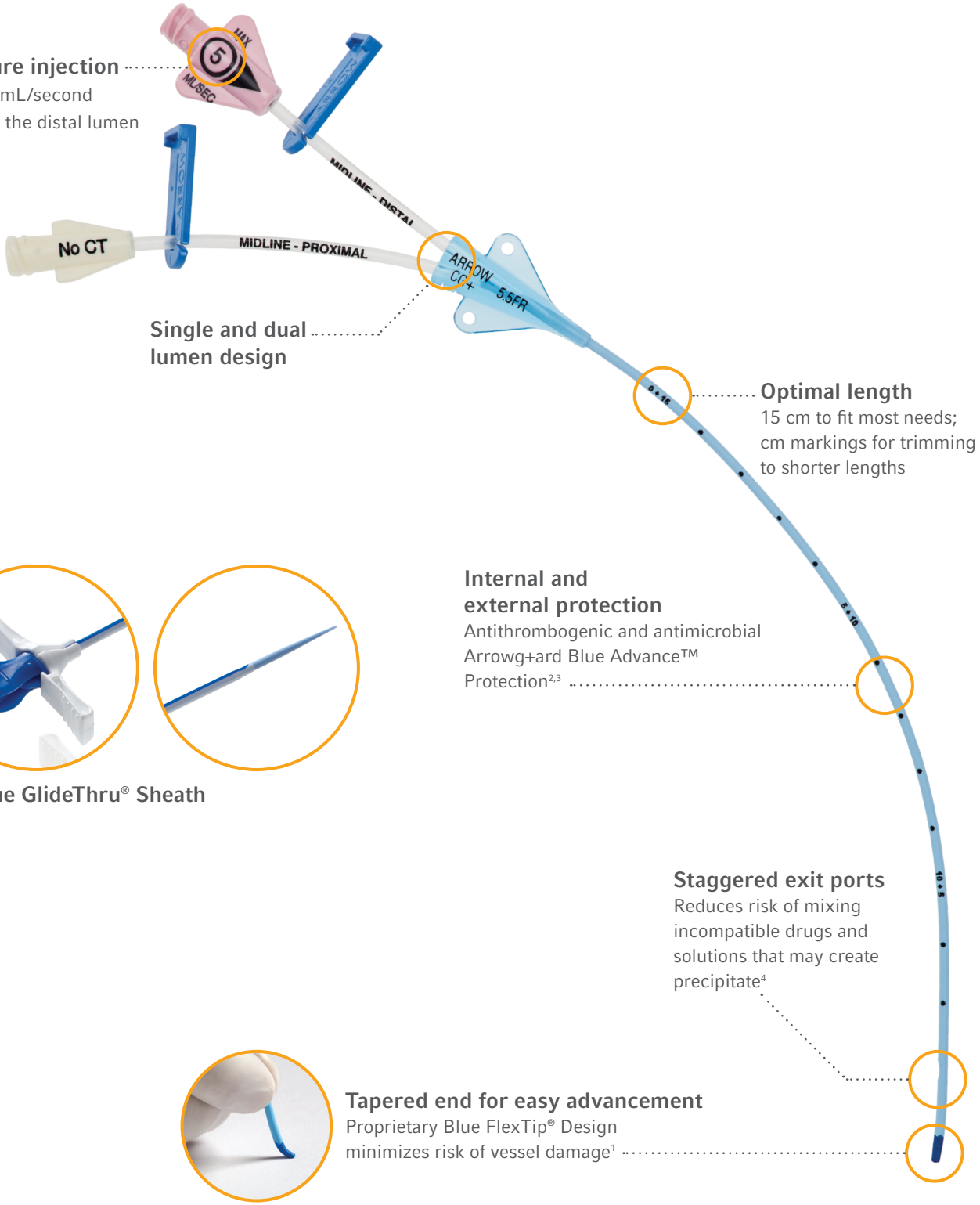


Protects against thrombus accumulation on catheter surfaces for at least 29 days[2]

Protects against microbial surface colonization for at least 29 days[3]

Benefits you—and your patients—will love

Pressure injection
Up to 5 mL/second
through the distal lumen



Single and dual lumen design

Optimal length
15 cm to fit most needs;
cm markings for trimming
to shorter lengths

Unique GlideThru® Sheath

Internal and external protection
Antithrombogenic and antimicrobial
Arrowg+ard Blue Advance™
Protection[2,3]

Staggered exit ports
Reduces risk of mixing
incompatible drugs and
solutions that may create
precipitate[4]

Tapered end for easy advancement
Proprietary Blue FlexTip® Design
minimizes risk of vessel damage[1]

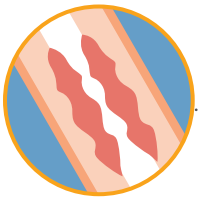
Proven protective technology

This innovative midline uses Arrowg+ard Blue Advance™ Protection—proven to provide 29 days of antithrombogenic and antimicrobial catheter protection.[2,3] Using an initial burst plus sustained release of chlorhexidine, it protects both the internal and external catheter surfaces to reduce these typical catheter-related complications.

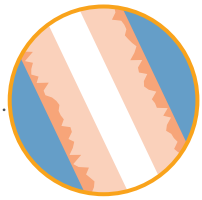
ADVANCE AGB

Antimicrobial Antithrombogenic

Occlusion
Works continuously to prevent build-up of thrombus, reducing the risk of intraluminal thrombotic occlusion.[5]



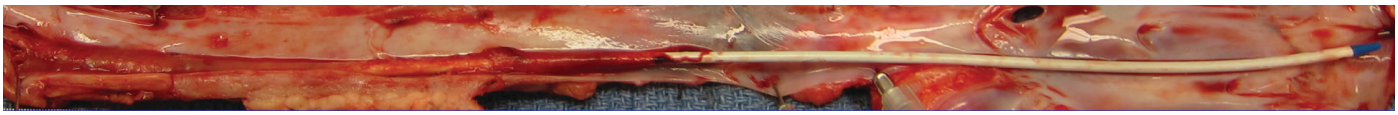
Catheter-related Thrombus
Reduces thrombus accumulation on catheter surfaces.[2]



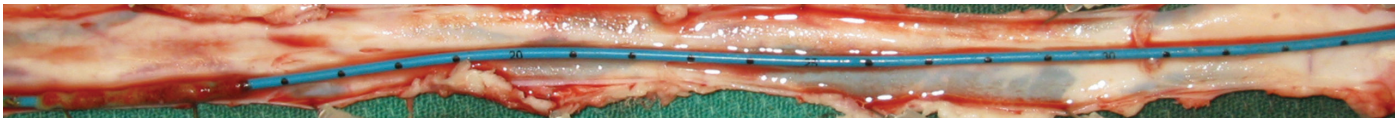
Phlebitis & Intimal Hyperplasia
An average of 72% less intimal hyperplasia after 29 days and reduction in phlebitis.[6]

Arrowg+ard Blue Advance™ Catheter vs. standard options

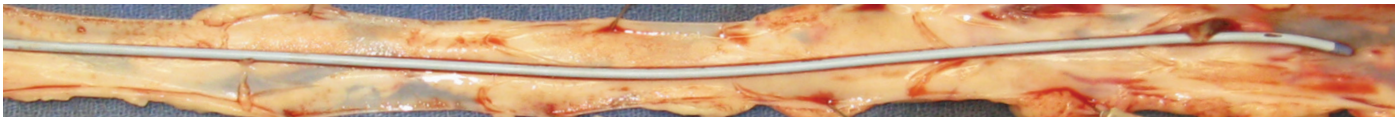
In an intravascular *in vivo* model, Arrowg+ard Blue Advance™ Protection demonstrated a total of 92% reduction in thrombus accumulation on the catheter surface when challenged with *Staph aureus* as compared to an uncoated PICC control.[2] Another *in vivo* model that compared different catheter technologies showed the Arrowg+ard Blue Advance™ catheter to have the least amount of thrombus after indwelling for 30 days.[6]



Unprotected Control Catheter—*Significant thrombus and fibrin formation*



Bioflo® Catheter with Endexo® Technology—*Significant thrombus formation*



Arrowg+ard Blue Advance™ Catheter—*Minimal thrombus formation*[2]

Your choice matters

As a vascular access specialist, selecting a device that meets your patients' needs—for their specific condition and treatment path—is critical for optimal insertion. That's why you need a range of options for reliable peripheral access.

The more you use midlines, the more you will appreciate the design of the Arrowg+ard Blue Advance™ Midline. It's one more example of how Teleflex is delivering the Right Line For The Right Patient At The Right Time™.

Ordering information

Available in an ergonomically optimized Arrow® ErgoPack® System, with all components needed and arranged in order of use for maximal barriers precautions and clinician safety.

Arrowg+ard Blue Advance™ Midline
Basic Catheter Tray • Modified Seldinger

PRODUCT NUMBER	DESCRIPTION	QTY/CASE
PR-41541-BAS	4.5 Fr. x 15 cm Pressure Injectable Arrow® Midline	5
PR-41552-BAS	5.5 Fr. x 15 cm Pressure Injectable Arrow® Midline	5

For more information contact your Teleflex sales representative or call **800.523.8446.**

Rx only

Contraindications: The Arrowg+ard Blue Advance™ Midline is contraindicated for patients with known hypersensitivity to chlorhexidine.

*Indwell time is up to 30 days.

References:

1. Rosenbauer KA, Herzer JA. Surface morphology and tensile force at breaking point or different kinds of intravenous catheters before and after usage. Scan Electron Microsc. 1981;(Pt 3):125-30.
2. As compared to uncoated catheters, intravascular ovine model inoculated with *Staph aureus*. No correlation between *in vitro/in vivo* testing methods and clinical outcomes have currently been ascertained.
3. *In vitro* data on file 2010. No correlation between *in vitro/in vivo* testing methods and clinical outcomes have currently been ascertained.
4. Collins JL, Lutz RJ. *In vitro* Study of Simultaneous Infusion of Incompatible Drugs in Multilumen Catheters. *Heart & Lung.* 1991; 20(3):271-7.
5. As compared to uncoated catheters, in vitro model measuring flush pressure post exposure to human blood. No correlation between *in vitro/in vivo* testing methods and clinical outcomes have currently been ascertained.
6. As compared to uncoated catheters, intravascular ovine model. No correlation between *in vitro/in vivo* testing methods and clinical outcomes have currently been ascertained.

Teleflex is a global provider of medical technologies designed to improve the health and quality of people's lives. We apply purpose driven innovation – a relentless pursuit of identifying unmet clinical needs – to benefit patients and healthcare providers. Our portfolio is diverse, with solutions in the fields of vascular and interventional access, surgical, anesthesia, cardiac care, urology, emergency medicine and respiratory care. Teleflex employees worldwide are united in the understanding that what we do every day makes a difference. For more information, please visit teleflex.com.

Teleflex is the home of Arrow®, Deknatel®, Hudson RCI®, LMA®, Pilling®, Rüsch® and Weck® – trusted brands united by a common sense of purpose.

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China (Beijing) +86 (0)10 6418 5699
Czech Republic +420 (0)495 759 111
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Germany +49 (0)7151 406 0
Greece +30 210 67 77 717
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For more information, please visit teleflex.com.

Federal Law (USA) restricts these devices to sale by or on the order of a physician.

BioFlo is a trademark and/or registered trademark of AngioDynamics, Inc. Endexo is a trademark of Interface Biologics.

No correlation between *in vitro/in vivo* testing methods and clinical outcomes have currently been ascertained.

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