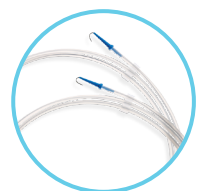
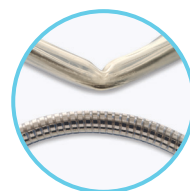


Arrow®

# Intra-Aortic Balloon Catheters

Proactively meeting your counterpulsation needs

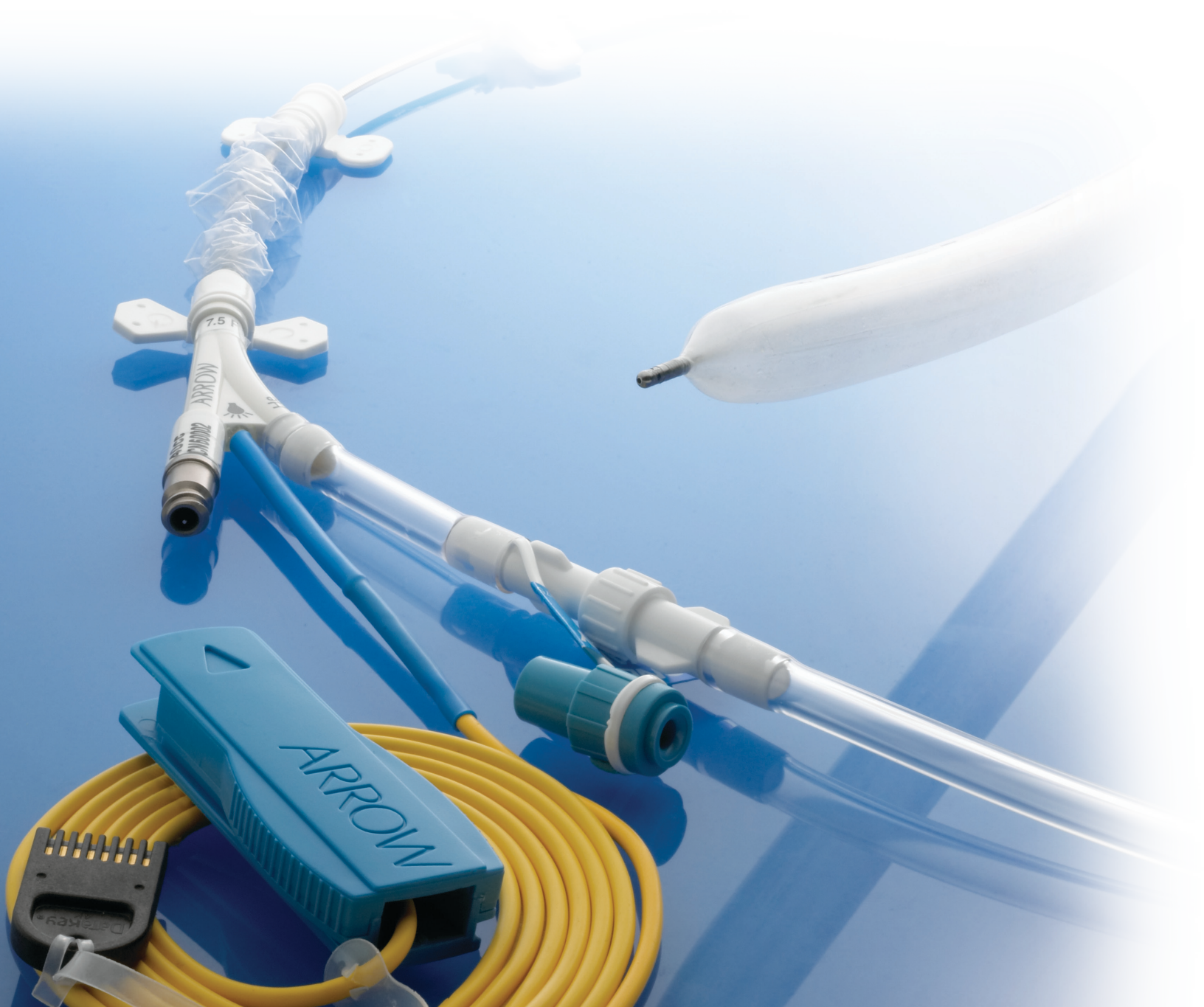


# Take confidence in our catheters

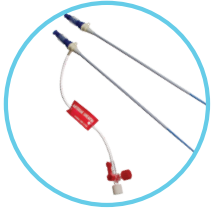
Teleflex is a global provider of medical technologies designed to improve the health and quality of people's lives. We apply purpose driven innovation – a relentless pursuit of identifying unmet clinical needs – to benefit patients and healthcare providers.

Our Arrow® Brand is a leader in intra-aortic balloon (IAB) therapy with the goal to provide products and services that meet your every counterpulsation need. Nowhere is that more clear than in our extensive and varied offering of IAB catheters.

Whether you are looking to enable our proprietary IntraBeat™ Timing with the FiberOptix® IAB catheter or seeking the only high capacity 50 cc coil-reinforced UltraFlex™ IAB catheter currently available, you can be confident that you are getting excellent quality and reliability across our wide range of IAB catheter options.



# Built-in performance features on all Arrow® IAB Catheters



## Two Sheath Options

- Each insertion kit includes a standard sheath and a sheath with a sidearm
- 360 degree locking dilator with dual-taper design enhances insertion



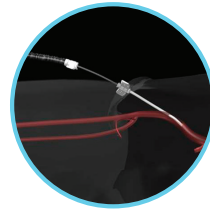
## Cath-Gard Contamination Shield

- Firm fitting, encapsulating Cath-Gard contamination shield to sheath connection



## Two 0.025", 175 cm, Extra-Stiff PTFE-Coated "J" Guidewires

- Spare specialized guidewire available for your convenience



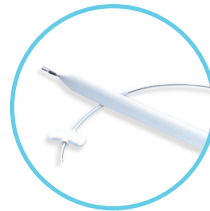
## Optional Hemostasis Device

- Designed to help control post-insertion site bleeding without removing the catheter during sheathless insertions



## Large Central Lumen

- Crisp, clear AP waveform
- Designed to minimize the risk of central lumen clotting



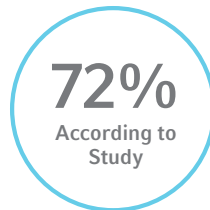
## Durable Cardiothane® II Balloon Membrane

- Offers a unique design of abrasion-resistant material with hydrophilic coating



## Tubing for Connection to Other Model Pump Consoles

- Additional, separate sterile package of driveline gas tubing for connection to other model pump consoles



## Hydrophilic-Coated Balloon

- Clinical study showed a 72% reduction in ischemic vascular events associated with use of the hydrophilic-coated RediGuard® IAB Catheter, compared to an uncoated IAB catheter<sup>1</sup>
- Designed to reduce friction for a smoother insertion

## Delivering Greater Volume to More Patients While Maintaining Flexibility

Our sizing guidelines promote treatment for all patient anatomies

### Sizing Guidelines\*

Arrow® IAB Catheters	30 CC	40 CC	50 CC
Height (feet/inches)	4' 10" - 5' 4"	5' 4" - 6'	> 5' 8"
Height (centimeters)	147 - 162 cm	162 - 182 cm	> 173 cm
Body Surface Area	< 1.8 m <sup>2</sup>	> 1.8 m <sup>2</sup>	> 1.8 m <sup>2</sup>

\*Please refer to IFU

### FiberOptix® IAB Catheters

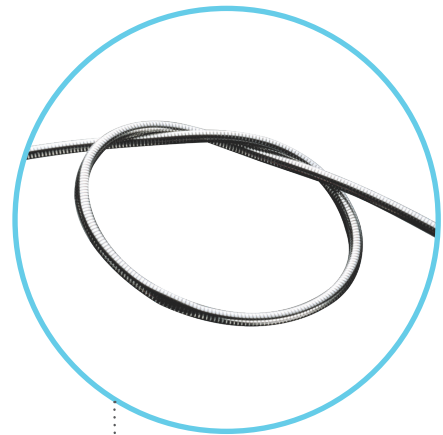
- FiberOptix® Sensor delivers high fidelity AP signal and enables proprietary IntraBeat™ Timing when connected to AutoCAT2WAVE® and AC3 Optimus™ IABP Systems
- Composite designed 0.027" thin walled alloy central lumen with 1.5" flex tip design
- Central lumen designed to potentially reduce catheter whip
- Robust polycarbonate bifurcate with large bore connector ensures high rate helium exchange up to 200 bpm



..... FiberOptix® IAB Catheter

### Ultra 8® IAB Catheters

- Composite designed 0.027" thin walled alloy central lumen with 1.5" flex tip design
- Enhanced central lumen design may reduce potential for catheter whip
- Robust polycarbonate bifurcate with thin walled alloy large bore connector ensures durability and high rate gas exchange up to 200 bpm
- Soft, atraumatic blue bumper tip



..... UltraFlex™ IAB Catheter

### UltraFlex™ IAB Catheters

- The only coil reinforced 30, 40, and 50 cc IAB catheters currently available
- Designed with features that enhance:
  - Navigating tortuous anatomy
  - Flexibility
  - Kink resistance for optimal gas exchange
- Composite designed 0.027" thin walled alloy central lumen with 1.5" flex tip design
- Coil reinforced catheter may reduce potential for catheter whip
- Robust polycarbonate bifurcate with large bore connector ensures encapsulating high rate helium exchange up to 200 bpm



..... RediGuard® IAB Catheter

### RediGuard® IAB Catheters

- Flexible, soft catheter with composite designed stainless-steel braid central lumen
- Smallest Arrow® IAB catheter currently available - 7 Fr. 30 cc
- Centimeter markings on catheter body to facilitate placement

# Ordering Information

## FiberOptix® IAB Catheters

PRODUCT NUMBER	CATHETER SIZE	BALLOON VOLUME	INSERTABLE LENGTH	CENTRAL LUMEN I.D.	MAXIMUM GUIDEWIRE	CATHETER MATERIAL	BALLOON MEMBRANE LENGTH	INFLATED DIAMETER
IAB-05830-LWS	8 Fr.	30 cc	23.8" (60.5 cm)	0.027"	0.025"	Polyurethane/Pebax	9.1" (230 mm)	13.9 mm
IAB-05840-LWS	8 Fr.	40 cc	26" (66.0 cm)	0.027"	0.025"	Polyurethane/Pebax	10.2" (260 mm)	15.0 mm
IAB-05850-LWS	8 Fr.	50 cc	26" (66.0 cm)	0.027"	0.025"	Polyurethane/Pebax	10.3" (262 mm)	17.0 mm

## Ultra 8® IAB Catheters

PRODUCT NUMBER	CATHETER SIZE	BALLOON VOLUME	INSERTABLE LENGTH	CENTRAL LUMEN I.D.	MAXIMUM GUIDEWIRE	CATHETER MATERIAL	BALLOON MEMBRANE LENGTH	INFLATED DIAMETER
IAB-05830-U	8 Fr.	30 cc	23.8" (60.5 cm)	0.027"	0.025"	Polyurethane/Pebax	9.1" (230 mm)	13.9 mm
IAB-05840-U	8 Fr.	40 cc	26" (66.0 cm)	0.027"	0.025"	Polyurethane/Pebax	10.2" (260 mm)	15.0 mm

## UltraFlex™ IAB Catheters

PRODUCT NUMBER	CATHETER SIZE	BALLOON VOLUME	INSERTABLE LENGTH	CENTRAL LUMEN I.D.	MAXIMUM GUIDEWIRE	CATHETER MATERIAL	BALLOON MEMBRANE LENGTH	INFLATED DIAMETER
IAB-06830-U	7.5 Fr.	30 cc	23.8" (60.5 cm)	0.027"	0.025"	Polyurethane Stainless Steel	9.1" (230 mm)	13.9 mm
IAB-06840-U	7.5 Fr.	40 cc	26.0" (66.0 cm)	0.027"	0.025"	Polyurethane Stainless Steel	10.2" (260 mm)	15.0 mm
IAB-06850-U	8 Fr.	50 cc	26.0" (66.0 cm)	0.027"	0.025"	Polyurethane Stainless Steel	10.3" (262 mm)	17.0 mm

## RediGuard® IAB Catheters

PRODUCT NUMBER	CATHETER SIZE	BALLOON VOLUME	INSERTABLE LENGTH	CENTRAL LUMEN I.D.	MAXIMUM GUIDEWIRE	CATHETER MATERIAL	BALLOON MEMBRANE LENGTH	INFLATED DIAMETER
IAB-S730C	7 Fr.	30 cc	26.8" (60.5 cm)	0.027"	0.025"	Polyurethane	9.1" (230 mm)	13.9 mm
IAB-S840C	8 Fr.	40 cc	26.0" (66.0 cm)	0.027"	0.025"	Polyurethane	10.2" (260 mm)	15.0 mm
IAB-S850C	8 Fr.	50 cc	26.0" (66.0 cm)	0.027"	0.025"	Polyurethane	10.3" (262 mm)	17.0 mm

## Replacement Insertion Kits

PRODUCT NO.	DESCRIPTION
IAK-06845	Replacement insertion kit for use with 30 and 40 cc UltraFlex™, Ultra 8®, and FiberOptix® IAB Catheters
IAK-S7IT	Replacement insertion kit for use with RediGuard® 30 cc IAB Catheters
IAK-S8IT	Replacement insertion kit for use with RediGuard® 40 cc IAB Catheters
IAK-07848	Replacement insertion kit for use with all Arrow® 50 cc IAB Catheters

## Adaptors and Driveline Tubing

PRODUCT NO.	DESCRIPTION
IAK-02691	Driveline tubing with pre-attached Arrow® 30 cc Pump Connector for use with Arrow® Pump Consoles, and all Arrow® 30 cc IAB Catheters
IAK-02692	Driveline tubing with pre-attached Arrow® 40 cc Pump Connector for use with Arrow® Pump Consoles, and all Arrow® 40 cc IAB Catheters
IAK-02693	Driveline tubing with pre-attached Arrow® 50 cc Pump to Connector for use with Arrow® Pump Consoles and all Arrow® 50 cc IAB Catheters
IAK-02263	Driveline tubing for use with Datascope® Balloon Pumps and Arrow® 30 cc and 40 cc IAB Catheters
IAK-02271	Driveline tubing for use with Datascope® Balloon Pumps and Arrow® 50 cc IAB Catheters

## Additional Accessories

PRODUCT NO.	DESCRIPTION
IAA-03270	0.025 in x 175cm Teflon® Coated - 3mm "J" Extra Stiff Wire Guide
IB0200	StatLock® Stabilization Device

Note: All Arrow® IAB Catheters not made with natural rubber latex



## References:

1. Winters KJ, Smith SC, Cohen M, et al. Reduction in ischemic vascular complications with hydrophilic-coated intra-aortic balloon catheter. *Catherization and Cardiovascular Interventions*. 1999;46(3):357-362.

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](http://teleflex.com).

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

## 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](mailto:cs@teleflex.com), 3015 Carrington Mill Boulevard, Morrisville, NC 27560, USA

**Latin America:** Phone +1 919 433 4999, [la.cs@teleflex.com](mailto: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](mailto: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

**For more information, please visit [teleflex.com](http://teleflex.com).**

Please see the Instructions for Use for a complete listing of the indications, contraindications, warnings and precautions.

CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician. Datascope is a registered trademark of Datascope Corp.

Teleflex, the Teleflex logo, Arrow, AC3 Optimus, AutoCAT2WAVE, Cardiothane, Deknatel, FiberOptix, Hudson RCI, LMA, Pilling, ProActive CounterPulsation, RediGuard, Rusch, Ultra 8, UltraFlex, and Weck are trademarks or registered trademarks of Teleflex Incorporated or its affiliates, in the U.S. and/or other countries.

Information in this material is not a substitute for the product Instructions for Use. Not all products may be available in all countries. Please contact your local representative. Revised: 03/2021.

© 2021 Teleflex Incorporated. All rights reserved. MC-000164 · Rev 4