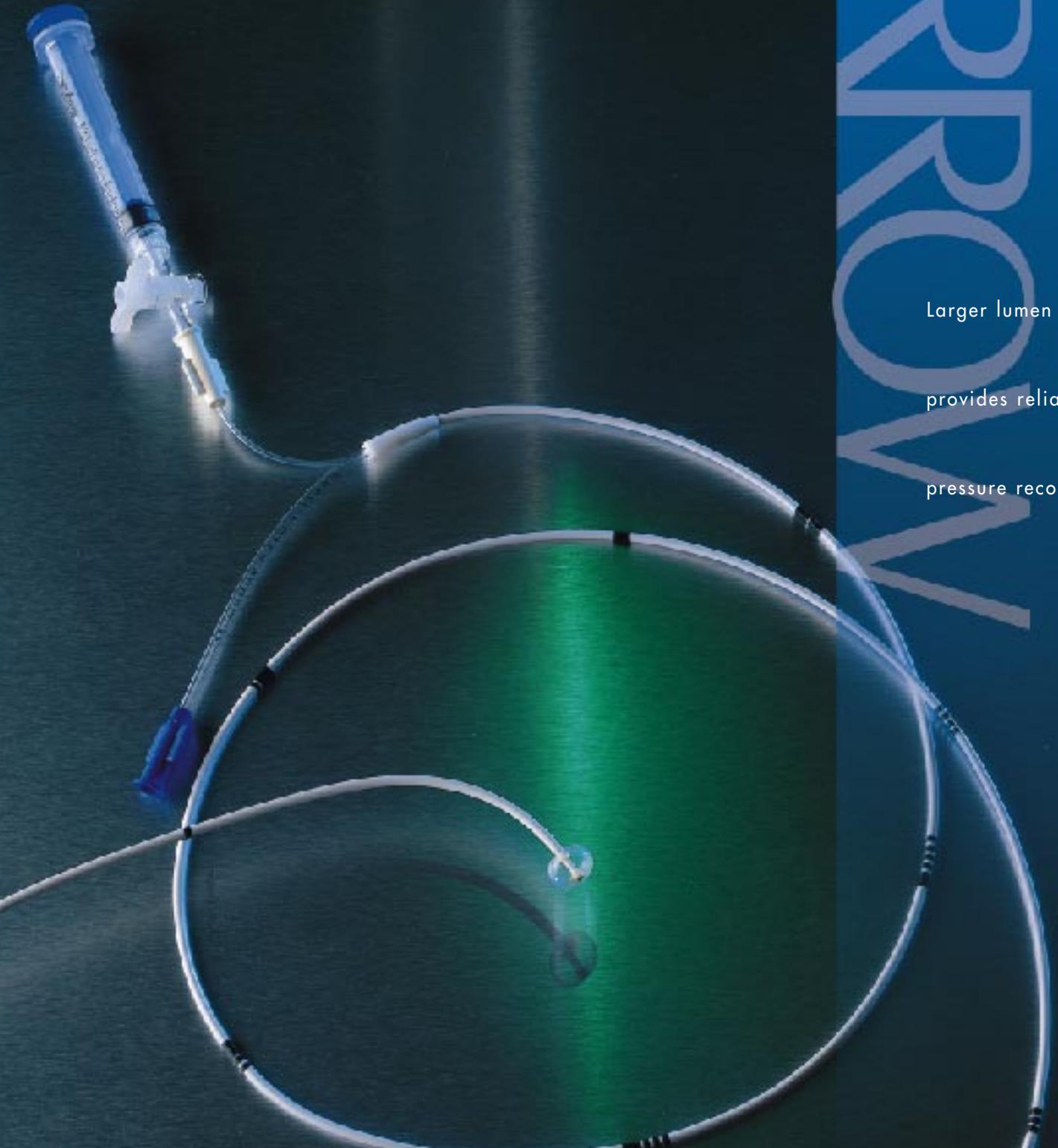


Arrow Single and Double-Lumen Balloon Wedge-Pressure Catheters



Larger lumen

provides reliable

pressure recordings.

Arrow Single and
Double-Lumen Balloon
Wedge-Pressure
Catheters

Balloon Wedge-Pressure Catheter



Unique, tapered construction—the diameter of the deflated balloon does not exceed the diameter of the catheter body; allowing the introducer to be properly sized to the catheter, facilitating percutaneous introduction and reducing blood loss. Tip construction allows largest possible lumen for enhanced accuracy of pressure recordings.

Smooth, flexible catheter body facilitates insertion.

Also allows blood flow to carry the inflated balloon naturally through the ventricle and into the pulmonary artery. Catheter tip position may be determined by continuous monitoring of pressure.

The advantages continue. Arrow catheters are engineered to provide a greater degree of torque control over manipulation. And now, in-package syringes have built-in “stops” to deter overinflation.¹

Catheter Length Markings.

Each catheter has clear, easy to identify increment markings every 10cm along catheter body to confirm insertion depth.

Radiopaque catheter body enhances fluoroscopic visualization.

Although not required for placement.

Wide range of sizes and lengths allow for more accurate matching of patient needs to catheter sizes.

Arrow Wedge-Pressure Catheters are available in Fr. sizes 4, 5, 6, 7, and 8 — a more complete selection than others can supply.

Convenient Packaging.

Each catheter is packaged in a sterile peel-pack tray with an appropriately sized syringe.

For complete information see the package insert.

Product No.	Size	Length
Single Pressure Lumen Catheters		
AI-07121	4 Fr.	60cm
AI-07122	4 Fr.	110cm
AI-07123	5 Fr.	60cm
AI-07124	5 Fr.	110cm
AI-07125	6 Fr.	60cm
AI-07126	6 Fr.	110cm
AI-07126-J	6 Fr.	90cm
AI-07127	7 Fr.	110cm
AI-07127-STC*	7 Fr.	110cm
AI-07128	8 Fr.	110cm
Double Pressure Lumen Catheters		
AI-07025	5 Fr.	80cm
AI-07026	6 Fr.	110cm
AI-07027	7 Fr.	110cm
AI-07141	6 Fr.	110cm
AI-07142	8 Fr.	100cm
AI-07143	7 Fr.	110cm

* “Superior Torque Control” for more positive placement.

Balloon Occlusion Femoral Angiography³

When the “runoff” method doesn’t provide the details you need to make a confident diagnosis, Balloon Occlusion Femoral Angiography (B.O.F.A.) could provide the answers.

B.O.F.A. provides excellent visualization of the planter arch and foot vessels for improved diagnosis of severe peripheral vascular disease.

This technique can reduce patient x-ray exposure, contrast dose, retake rate, and cost. The accuracy of exposure timing can also be improved.

For the contralateral approach, Arrow Wedge-Pressure Catheters permit injection of contrast medium ahead of the inflated balloon. See catheter details on the back page.

For the ipsilateral approach, Arrow-Berman™ Angiographic Catheters permit injection of contrast medium behind the inflated balloon.

Videotape Offered.

We have prepared a detailed procedural videotape⁴ and invite you to review it for 20 days, free. Contact your Arrow representative by calling 1-800-523-8446.

Double-Lumen Balloon Wedge-Pressure Catheter



Double Pressure Lumen Balloon Wedge-Pressure Catheters—Three Unique Catheter Applications.

Simultaneous Pressure Monitoring in Pediatrics.

Double Pressure Lumen Balloon Wedge-Pressure Catheters in 5, 6 and 7 French sizes are now available. These catheters help to determine pressure gradients between adjacent parts of the heart in infants. They also can help the physician diagnose a variety of congenital heart defects and obstructions.

The ports of each catheter are conveniently located 3cm apart to allow simultaneous pressure measurements in closely spaced adjacent parts of the pediatric heart. These pressure measurements are highly accurate and provide impressive waveform tracings. Therefore, these catheters should be considered a replacement for catheters using the standard withdrawal technique.⁵

Simultaneous Wedge and Right Heart Monitoring.

With the Arrow Double-Lumen Balloon Wedge-Pressure Catheters, pressure readings can be monitored and blood sampling for oxygen levels can be accomplished sequentially in two distantly separated parts of the heart.

Product No.	Size	Exit Port Spacing
AI-07141	6 Fr.	20cm
AI-07143	7 Fr.	30cm

Ports are located 20cm or 30cm apart, allowing for monitoring pressure readings at the pulmonary artery wedge and the right atrium or right ventricle depending on patient size. These double-lumen balloon wedge pressure catheters also offer the option of infusing a solution through the proximal lumen with simultaneous measurement of pressure through the distal lumen.

In case of anatomical cardiac defects or situations requiring left transeptal access, each of the single and double-lumen balloon wedge pressure catheters may be used in any chamber which can be entered from the right heart.^{6,7}

Valvuloplasty.

Arrow's Special Double-Lumen Balloon Wedge-Pressure Catheter (AI-07142) permits sequential placement of up to two .038" spring-wire guides in balloon valvuloplasty for pulmonic, mitral and aortic valves.

With the 8 Fr. flow-directed Arrow Double-Lumen Balloon Wedge-Pressure Catheter, you can now use a single radiopaque catheter — due to its two-lumen capability — for the sequential placement of up to two .038" spring-wire guides during balloon valvuloplasty for pulmonic, mitral or aortic valve stenosis.

Simultaneous Transchamber Pressure Readings.



The flow-directed Arrow Double-Lumen Balloon Wedge-Pressure Catheter eliminates the need for a second catheter for the placement of up to two .038" spring-wire guides.

Two lumens spaced 6cm apart enable pressure measurements to be taken in two chambers simultaneously and facilitate the reading of pressure gradients across valves.⁸

Ideally Sized.

The Double-Lumen Balloon Wedge-Pressure Catheter's tapered tip and port arrangement allows easy passage through a standard 8 Fr. sheath.

Catheter Torque Aids Placement.

Torque-control catheter body assists flow to spontaneously direct inflated balloon into place.

Improved Pressure Readings.

The firmness of the torque-control catheter material improves the accuracy of pressure monitoring.

Conveniently Packaged.

Each catheter is packaged sterile in a peel-pack tray with an appropriately sized syringe.

For complete use information, see the package insert.

New!

BiPolar Balloon Pacing Catheter with two pressure measuring lumens. See specifications on back page.

Arrow Single and Double-Lumen Balloon Wedge-Pressure Catheters

Balloon Wedge-Pressure Catheters

Single Pressure Lumen Balloon Wedge Pressure Catheters

Product No.	French Size	Introducer Size Recom'd	Useful Length	Max. ⁹ Inflation Capacity	Inflated ¹⁰ Balloon Diameter	Max. Wire Recom'd	Max. ¹¹ Injection Flow Rate	Max. ¹¹ Injection Pressure
AI-07121	4 Fr.	5 Fr.	60cm	6/10cc	6-1/2mm	.021"	—	—
AI-07122	4 Fr.	5 Fr.	110cm	6/10cc	6-1/2mm	.021"	—	—
AI-07123	5 Fr.	5 Fr.	60cm	3/4cc	8mm	.025"	—	—
AI-07124	5 Fr.	5 Fr.	110cm	3/4cc	8mm	.025"	5 cc/sec	600 p.s.i.g.
AI-07125	6 Fr.	6 Fr.	60cm	1cc	10mm	.035"	—	—
AI-07126	6 Fr.	6 Fr.	110cm	1cc	10mm	.035"	6 cc/sec	600 p.s.i.g.
AI-07126-J	6 Fr.	6 Fr.	90cm	1cc	10mm	.035"	—	—
AI-07127	7 Fr.	7 Fr.	110cm	1-1/4cc	11mm	.038"	6 cc/sec	600 p.s.i.g.
AI-07127-STC	7 Fr.	7 Fr.	110cm	1-1/4cc	11mm	.038"	—	—
AI-07128	8 Fr.	8 Fr.	110cm	1-1/4 cc	11mm	.038"	—	—

Balloon Wedge Pressure Catheters for B.O.F.A. Contralateral Approach³

Product No.	French Size	Introducer Size Recom'd	Useful Length	Max. ⁹ Inflation Capacity	Inflated ¹⁰ Balloon Diameter	Max. Wire Recom'd	Max. ¹¹ Injection Flow Rate	Max. ¹¹ Injection Pressure
AI-07124	5 Fr.	5 Fr.	110cm	3/4cc	8mm	.025"	5 cc/sec	600 p.s.i.g.
AI-07126	6 Fr.	6 Fr.	110cm	1cc	10mm	.035"	6 cc/sec	600 p.s.i.g.
AI-07127	7 Fr.	7 Fr.	110cm	1-1/4cc	11mm	.038"	6 cc/sec	600 p.s.i.g.

Double Pressure Lumen Balloon Wedge Pressure Catheters

Product No.	French Size	Introducer Size Recom'd	Useful Length	Max. ⁹ Inflation Capacity	Inflated ¹⁰ Balloon Diameter	Max. Wire Recom'd	Exit port spacing
AI-07025	5 Fr.	5 Fr.	80cm	1cc	8mm	.018"	Proximal Port exits 3cm from tip
AI-07026	6 Fr.	6 Fr.	110cm	1cc	10mm	.021"	Proximal Port exits 3cm from tip
AI-07027	7 Fr.	7 Fr.	110cm	1-1/2cc	12mm	.025"	Proximal Port exits 3cm from tip
AI-07141	6 Fr.	6 Fr.	110cm	1cc	10mm	.021"	Proximal Port exits 20cm from tip
AI-07143	7 Fr.	7 Fr.	110cm	1-1/2cc	12mm	.025"	Proximal Port exits 30cm from tip

Special Double-Lumen Balloon Wedge-Pressure Catheter

AI-07142	8 Fr.	8 Fr.	100cm	1-1/2cc	11mm	Both to .038"	Proximal Port exits 6cm from tip
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Bi-Polar Balloon Pacing Catheter with two Pressure Lumens, Electrodes at 14 and 15cm from tip

AI-17210-S [†]	7 Fr.	7Fr.	110cm	1-1/4cc	11mm	.025"	Proximal Port exits 29cm from tip
AI-17210*	7 Fr.	7Fr.	110cm	1-1/4cc	11mm	.025"	Proximal Port exits 29cm from tip

† (-S) has shrouded connector pins

* For export sale only

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¹ Contact Arrow for available sizes.

² Except 4 Fr. where balloon is 4 1/2 Fr.

³ Cardella JF, et al. Balloon Occlusion Femoral Angiography Prior to In-Situ Saphenous Vein Bypass. *Cardiovascular and Interventional Radiology*. 1987;10:181-187.

⁴ Videotape prepared in conjunction with Curatech, Inc.

⁵ Zeevi B, et al. A Newly-Designed Double Pressure Balloon Catheter: Clinical Use in Congenital Heart Disease. *Journal of Invasive Cardiology*. 1989;1:3.

⁶ Kelly DT, Krovetz LJ, Rowe RD. Double-Lumen Flotation Catheter for use in Complex Cardiac Anomalies. *Circulation*. 1971;44:910-913.

⁷ Black IFS. Floating a Catheter into the Pulmonary Artery in Transportation of Great Arteries. *Am Heart J*. 1972;84:761-763.

⁸ Radiopaque marker just in front of proximal port provides convenient point for catheter port location.

⁹ CO₂ is the recommended inflation media. See instructions for use prior to using air. Do not use any liquid to inflate balloon.

¹⁰ Nominal.

¹¹ Measured using Renografin 76* (T.M.E.R. Squibb Co.) with 2 second injection time.

Caution: U.S. Federal Law limits this device to sale by or on order of a physician. Contents of unopened, undamaged package are sterile.

Contains no medication. Disposable. Refer to package insert for current warnings, precautions, and instructions for use.

Contact Arrow International, Inc. for reference information on the above.

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