Preferred by nine out of ten physicians for minimizing perforation risk and trauma in pediatric cardiac catheterization.
Unique, tapered-tip construction insures that diameter of the deflated balloon does not exceed the diameter of the catheter body,\(^1\) thus allowing the introducer to be properly sized to the catheter, facilitating percutaneous introduction and reducing blood loss.

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

**New higher flow rates.**
With new junction hub and extension line design, the Arrow-Berman\(^{TM}\) Angiographic Catheter offers even higher flow rates. See details on back page.

**Torque control keeps you in control.**
Arrow polyvinyl chloride (PVC) catheters offer a greater control over manipulation than catheters of standard materials.

**Wide range of sizes and lengths allow for more accurate matching of patient needs to catheter size.**
Arrow-Berman\(^{TM}\) Angiographic Catheters are available in French sizes 4, 5, 6, 7 and 8 — more sizes than from any other manufacturer.

**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 or by monitoring the radiopaque catheter body with fluoroscopy.

**Convenient packaging.**
Each catheter is packaged in a sterile peel-pack tray with an appropriately sized syringe.\(^1\)

**Balloon Occlusion Femoral Angiography**
When the “run-off” 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.\(^3\)

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 ipsilateral approach, Arrow-Berman\(^{TM}\) Angiographic Catheters permit injection of contrast medium behind the inflated balloon.\(^8\)**

For the contralateral approach, Arrow Wedge-Pressure Catheters permit injection of contrast medium ahead of the inflated balloon.

**Videotape offered.**
We have prepared a detailed procedural videotape\(^1\) and invite you to review it for 20 days, free.

\(^*\) See Berman Catheters for B.O.F.A. on back page.
Arrow-Berman™
Angiographic Catheter

Only Arrow carries the catheter with the original proven design of Dr. Michael A. Berman.

Using a balloon catheter in angiography keeps the catheter away from the myocardium, reducing the possibility of arrhythmias or staining from dye injection. More important is the perforation protection the balloon offers during high-pressure injection.

In-package syringes with “stops” help you avoid overinflation.

Arrow includes an appropriately sized syringe with a stop with each catheter to deter overinflation of the latex balloon.

Pulmonary angiography and other additional uses.

The catheter may be used for pulmonary angiography and for the ipsilateral approach in Balloon Occlusion Femoral Angiography. If a patent foramen ovale or a septal defect exists, the catheter may be passed into the left ventricle and aorta for sampling, pressure measurements, or angiographic studies. The use of a single catheter for the entire procedure can reduce the trauma and blood loss.

Unique, tapered-tip construction insures that diameter of the deflated balloon does not exceed the diameter of the catheter body; thus allowing the introducer to be properly sized to the catheter, facilitating percutaneous introduction and reducing blood loss.

Catheter Length Markings

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

New higher flow rates.

With new junction hub and extension line design, the Arrow-Berman Angiographic Catheter offers even higher flow rates. See details on back page.

Torque control keeps you in control.

Arrow polyvinyl chloride (PVC) catheters offer a greater control over manipulation than catheters of standard materials.

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

Arrow-Berman Angiographic Catheters are available in French sizes 4, 5, 6, 7 and 8 — more sizes than from any other manufacturer.

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 or by monitoring the radiopaque catheter body with fluoroscopy.

Convenient packaging.

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

Balloon Occlusion Femoral Angiography

When the “run-off” method does’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 ipsilateral approach,

Arrow-Berman Angiographic Catheters permit injection of contrast medium behind the inflated balloon.

For the contralateral approach,

Arrow Wedge-Pressure Catheters permit injection of contrast medium ahead of the inflated balloon.

Videotape offered.

We have prepared a detailed procedural videotape and invite you to review it for 20 days, free.

* See Berman Catheters for B.O.F.A. on back page.