

# NuCLEUS-X™

## Balloon Aortic & Pulmonic Valvuloplasty Catheter



The Center of It All for Balloon  
Aortic & Pulmonic Valvuloplasty

- Flexible design - The balloon is designed with a waist formed into the middle to allow accurate balloon placement.
- Three radiopaque platinum marker bands - One under each of the balloon shoulders and one located at the "waist" or center of the balloon for placement using fluoroscopy.

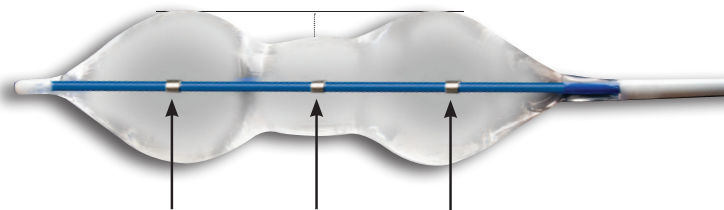
# NuCLEUS-X™

## Balloon Aortic & Pulmonic Valvuloplasty Catheter

The NuCLEUS-X™ is a coaxial balloon catheter for aortic and pulmonic valves. The outer body is made of polymeric tubing, and the inner tubing is comprised of a multi-layer extrusion of polyamide (Vestamid PA12) that surrounds a braid of 304 LV Stainless Steel. The catheter features a molded proximal end bifurcate with two distinct luminal passages. The inflation lumen terminates into a distally mounted balloon made of polyamide.

The balloon is designed with a waist formed into the middle of the balloon to allow accurate balloon placement. Upon reaching a specified pressure, the waist will expand to 90% of the rated balloon diameter. The distal lumen terminates at the tip of the catheter and will accept the passage of the 0.035" guidewire.

Variable waist expansion in the center of the balloon for accurate placement



3 radiopaque platinum marker bands. One under each of the balloon shoulders and one located at the "waist" or center of the balloon for placement using fluoroscopy.

### Ordering Information:

REF Number	Balloon Diameter (mm)	Balloon Length (cm)	Introducer Size (FR)	Shaft Size (FR)	Usable Length (cm)	Guidewire (in)	Burst Pressure (ATM)
612038	18.0	4.0	10	9	110	0.035	4
612021	18.0	5.0	10	9	110	0.035	4
612039	18.0	6.0	10	9	110	0.035	4
612023	20.0	4.0	12	9	110	0.035	4
612024	20.0	5.0	12	9	110	0.035	4
612025	20.0	6.0	12	9	110	0.035	4
612026	22.0	4.0	12	9	110	0.035	3
612027	22.0	5.0	12	9	110	0.035	3
612028	22.0	6.0	12	9	110	0.035	3
612029	25.0	4.0	12	9	110	0.035	3
612040	25.0	5.0	12	9	110	0.035	3
612031	25.0	6.0	12	9	110	0.035	3
612032	28.0	4.0	12	9	110	0.035	2
612033	28.0	5.0	12	9	110	0.035	2
612034	28.0	6.0	12	9	110	0.035	2
612035	30.0	4.0	14	9	110	0.035	2
612036	30.0	5.0	14	9	110	0.035	2
612037	30.0	6.0	14	9	110	0.035	2

For more information or to place an order, contact your B. Braun Interventional Systems Inc. representative or call 1-877-VENA-CAV (836-2228)

This NuCLEUS-X™ Balloon Valvuloplasty Catheter for aortic and pulmonic valves is intended for valvuloplasty use only. It is not indicated for angioplasty. Refer to the NuCLEUS-X™ Valvuloplasty Catheter Instructions For Use for relevant warnings, precautions, complications and contraindications.

### Rx only

NuCLEUS-X™ is a trademark of NuMED, Inc.

©2013 B. Braun Interventional Systems Inc.

CV1089 - 5/13



Components and packaging do not contain natural rubber latex



Manufactured for:  
B. Braun Interventional Systems Inc.  
824 Twelfth Avenue  
Bethlehem, PA 18018 USA  
Tel: 1-877-VENA CAV (836-2228) (USA)  
Fax: 1-610-849-1334  
www.bisusa.org



Manufactured by:  
NuMED, Inc.  
2880 Main St.  
Hopkinton, NY 12965