



PBMV Balloon Catheter Set

Specially designed for the treatment of Mitral Valve Stenosis



Percutaneous Balloon Mitral Valvuloplasty (PBMV) Balloon Catheter Set

One balloon to treat the mitral valve stenosis.

The set of products consists of one Balloon Catheter, which is used for dilating the mitral orifice; and other six accessories for widening the vein and lead the balloon to the left atrium, include stretching tube, dilator, guidewire, stylet, syringe and ruler.

P.d. Nr. 13

Name of Item	Size		
	Outer diameter	Length	Volume
Balloon Catheter	4mm (12Fr.)	70cm	
Stretching Tube	1.2mm	80cm	
Dilator	4.6mm (14Fr.)	70cm	
Guide wire	0.64mm (0.025")	180cm	
Stylet	0.96mm (0.038")	80cm	
Syringe			30ml
Ruler		50mm	

PBMV model numbers

PBMV Set Code	Range of Inflation Diameter
PBMV-30S	28mm~30mm
PBMV-28S	26mm~28mm
PBMV-26S	24mm~26mm
PBMV-24S	22mm~24mm
PBMV-22S	20mm~22mm
PBMV-20S	18mm~20mm

Principle of PBMV Balloon catheter

The PBMV Balloon set is an instrument for dilating the stenotic mitral orifice in patients with mitral valve stenosis. The soft balloon catheter will be inserted from the groin entry site, passing through the femoral vein and the atrial septal puncture site, arriving at the left atrium. After the distal portion of the balloon is inflated, the catheter is pulled back to position the balloon at the mitral orifice. By one-time inflation of the balloon, the mitral valve is widened. Final step is to deflate and remove the catheter, ending the process.

Surgical Application

The PBMV Balloon Catheter Set is intended to dilate the mitral stenosis using percutaneous balloon mitral valvuloplasty (PBMV) technique, which offers minimal invasive therapy for patients with mitral stenosis.

Features

- Specially designed balloon, perfectly shaped to fit the mitral valve
- Short inflation/deflation cycle
- Small and soft tip minimize the risk
- Longer guidewire to increase safety in taller patients



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