

Z-5™

Atrioseptostomy catheter

Catheter Characteristics

The NuMED Z-5™ Atrioseptostomy catheter is engineered for maximum steering and tracking. The dual lumen shaft design provides pushability, coupled with exceptional pull strength. This new innovation in Atrioseptostomy catheter design is of potential importance in patients who are subject to a small left Atrium and in small neonates with congenital heart disease requiring Atrioseptostomy.

Radiopaque Catheter Body & Balloon Image Marker

The NuMED Z-5™ Atrioseptostomy catheter body is Radiopaque to facilitate reliable positioning of the catheter. A platinum image marker band is placed under the balloon for clear identification under fluoroscopy.

Micro-Thin Non-Compliant Balloon

The NuMED Z-5™ Atrioseptostomy balloon is micro-thin for low deflated profile that maintains tip flexibility. The Inflation of the balloon is controlled by volume. (see volumetric chart-Instructions for Use)

Reduced Balloon Size

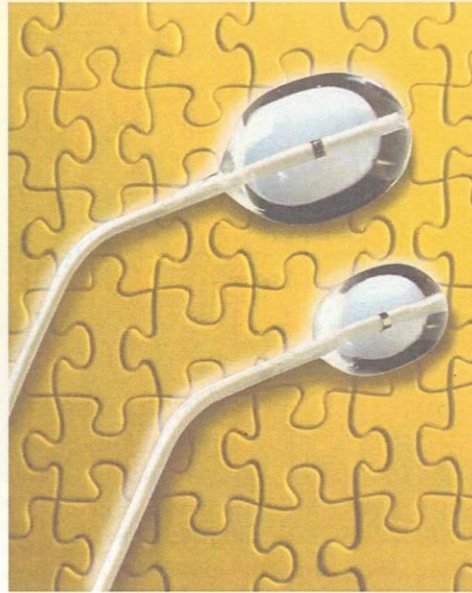
The reduced inflated balloon size makes the Atrioseptostomy easier to perform on neonates with a small left atrium.

Tip Angulation

The tip of the catheter is angled at 35° to facilitate passage into the left atrium.

Inner Lumen

The NuMED Z-5™ Atrioseptostomy catheter has an inner lumen. The catheter end hole can accommodate a guidewire.



*Developed in conjunction
with Dr. Ziyad Hijazi*

Z-5™ Specifications

Balloon Diameter (MM)	Balloon Length (CM)	Introducer Size (FR)	Shaft Size (FR)	Usable Length (CM)	Guide Wire (Inches)	Maximum Volume (CC)	Catalog No.
9.5	0.95	5	4	50	0.014	1	SPT002
13.5	1.35	6	5	50	0.021	2	SPT003

Reference:
Z.Hijazi, R.Geggel, M.Aronovitz, G.Marx, J.Rhodes, D.Fulton.
"A new low profile balloon atrial septostomy catheter. Initial animal and clinical experience."

Materials

Catheter Body: Polymeric.

Balloon: Non-Compliant Thermoplastic Elastomer.

Image Band: Platinum Iridium.

NuMED offers Physicians speedy response to catheter design and manufacturing service. The enhanced catheter technology offers Physicians a technically superior option in dealing with clinical needs.

