

Specification

Cat. No.	Balloon maximum outer diameter	Balloon available range	Recommended sheath introducer size
PTAV-16RP	φ16mm	φ14mm∼16mm	11Fr.(10Fr.)
PTAV-18RP	φ18mm	φ16mm∼18mm	11Fr.(10Fr.)
PTAV-20RP	φ20mm	φ18mm∼20mm	11Fr.(10Fr.)
PTAV-22RP	φ22mm	φ20mm~22mm	11Fr.(10Fr.)
PTAV-24RP	φ24mm	φ20mm∼24mm	12Fr.(11Fr.)
PTAV-26RP**	φ26mm	φ22mm~26mm	14Fr.(12Fr.)

*Minimum introducer size: Internal diameter varies by sheath manufacturer. Resistance may be felt if using smaller than the recommended size.

**PTAV-26RP is made to order.

Exporter

Toray Medical Co., Ltd.



Manufacturer:

Toray Industries, Inc.

1-1, Nihonbashi-Muromachi, 2-chome, Chuo-ku, Tokyo 103-8666, Japan



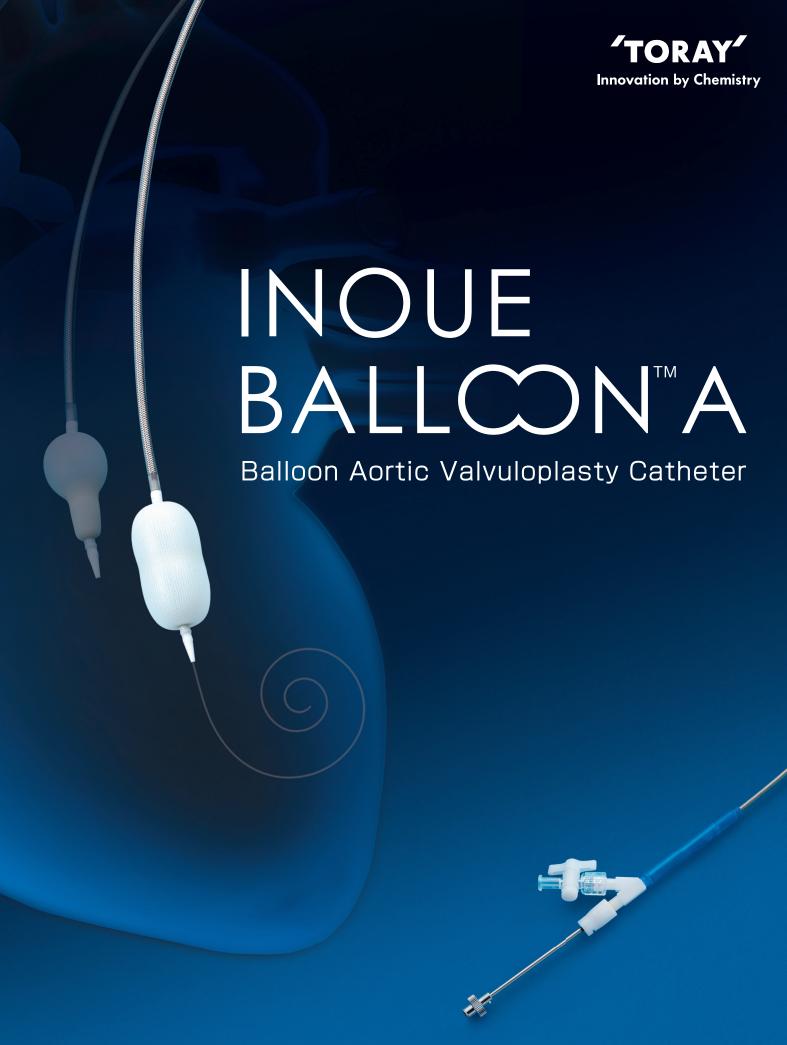
Distributor:

Toray International America Inc.

140 Cypress Station Drive, Suite 210 Houston, TX 77090, U.S.A. Tel: +1 (281) 587 -2299



AIBCrpe-01G Retrograde Approach



OUE BALLONA

INOUE BALLOON™A Balloon Aortic Valvuloplasty Catheter

Percutaneous Transluminal Aortic Valvuloplasty: PTAV

Retrograde Approach

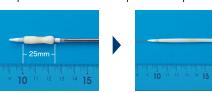
Safety

Stable

- Prevent Slippage
- •A marker on the balloon section facilitates positioning.
- The balloon's unique inflation steps prevent slippage at the valve opening and ensures reliable valve expansion.

■ Inflation Stages

Using a predetermined amount of diluted contrast medium, the balloon inflates from an hourglass shape to barrel shape to expand the aortic valve orifice.



Normal state Stretched

When passing through the introducer sheath



Expansion of the proximal portion

When positioning the balloon at the aortic valve orifice



Hourglass-shaped

The waist in the center of the balloon fits into the aortic valve orifice



Complete expansion

n fits into When expanding the live orifice aortic valve orifice.

■ Approach Procedure



Advance the balloon via the aorta to the aortic valve



Inflate the proximal portion of the balloon and gently push it against the aortic valve opening



Inflate the balloon further.
The waist of the balloon is then fitted into the aortic valve opening



Inflate the balloon fully and expand the aortic valve orifice

Speedy

- Quick Inflation and Deflation
- •Short inflation time can reduce the burden on the patient.

5-1 ratio dilute contrast medium used 5.0 4.0 3.0 2.0 1.2 1.7 (Sec.) PTAV-20RP(Inflation sizeΦ20mm) Inflation time (Sec.) (Internal measurement data)

Smart

- Stepwise Inflation
- Adjustable inflation diameters within a single balloon allow stepwise valve expansion.
- •Repeated expansion can be performed without changing balloon catheters.