

Myval Octacor THV System and Components - Ordering Information



Myval Octacor - Transcatheter Heart Valve (THV)

Diameters	20.0 mm	21.5 mm	23.0 mm	24.5 mm	26.0 mm	27.5 mm	29.0 mm	30.5 mm	32.0 mm
Product code	MOCTA2200	MOCTA2215	MOCTA2230	MOCTA2245	MOCTA2260	MOCTA2275	MOCTA2290	MOCTA2305	MOCTA2320

Navigator Inception - THV Balloon Delivery System

Diameters	20.0 x 30 mm	21.5 x 30 mm	23.0 x 30 mm	24.5 x 30 mm	26.0 x 30 mm	27.5 x 35 mm	29.0 x 35 mm	30.5 x 35 mm	32.0 x 35 mm
Product code	NVIS220030	NVIS221530	NVIS223030	NVIS224530	NVIS226030	NVIS227535	NVIS229035	NVIS230535	NVIS232035

14 Fr Python - Introducer Sheath Compatible with all Myval Octacor THV Diameters (20 mm to 32 mm)

Product code	PHT14
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Mammoth - OTW Balloon Catheter

Diameters	14.0 x 40 mm	16.0 x 40 mm	18.0 x 40 mm	20.0 x 40 mm	23.0 x 40 mm	25.0 x 40 mm	28.0 x 40 mm	30.0 x 40 mm
Product code	MTV1440	MTV1640	MTV1840	MTV2040	MTV2340	MTV2540	MTV2840	MTV3040

Crocodial Compass - Heart Valve Crimping Tool

Product code	CCDC2
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About Meril (www.merillife.com)

Founded in 2006, Meril is a fast-growing global medical device company dedicated to the design and development of novel, clinically relevant, state-of-the-art and best-in-the-class devices to alleviate human suffering and improve quality of life.

With over 100 technology platforms, Meril's businesses span across –

- Cardio, Peripheral & Neuro Vascular Interventions
- Structural Heart Interventions
- Orthopedic Implants
- Surgical Robotics
- Endo-Surgical Solutions
- ENT Solutions
- In-Vitro Diagnostics – analyzers & reagents (including COVID-19 test portfolio)

HQ at Vapi, Gujarat, India, the company has >4,000 employees with a large foot-print in India, direct operations in – USA, Germany, Brazil, Russia, Australia, UK, South Africa, Turkey & Bangladesh and presence in > 100 countries.

Meril has a strong commitment to R&D, high-quality manufacturing, clinical and scientific research as well as training & education of its stakeholders (patients & care providers).



Meril Park



Meril Academy

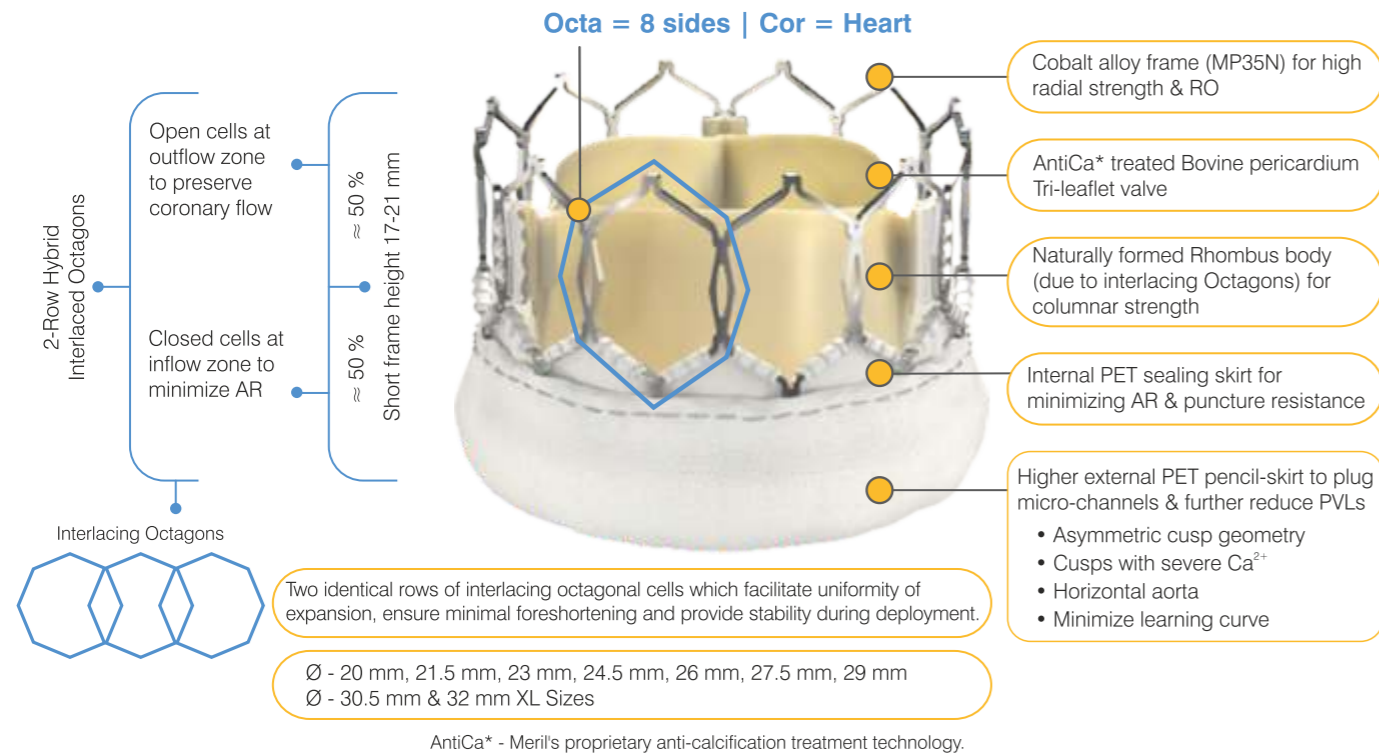


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At the heart of life.
At the heart of precision.

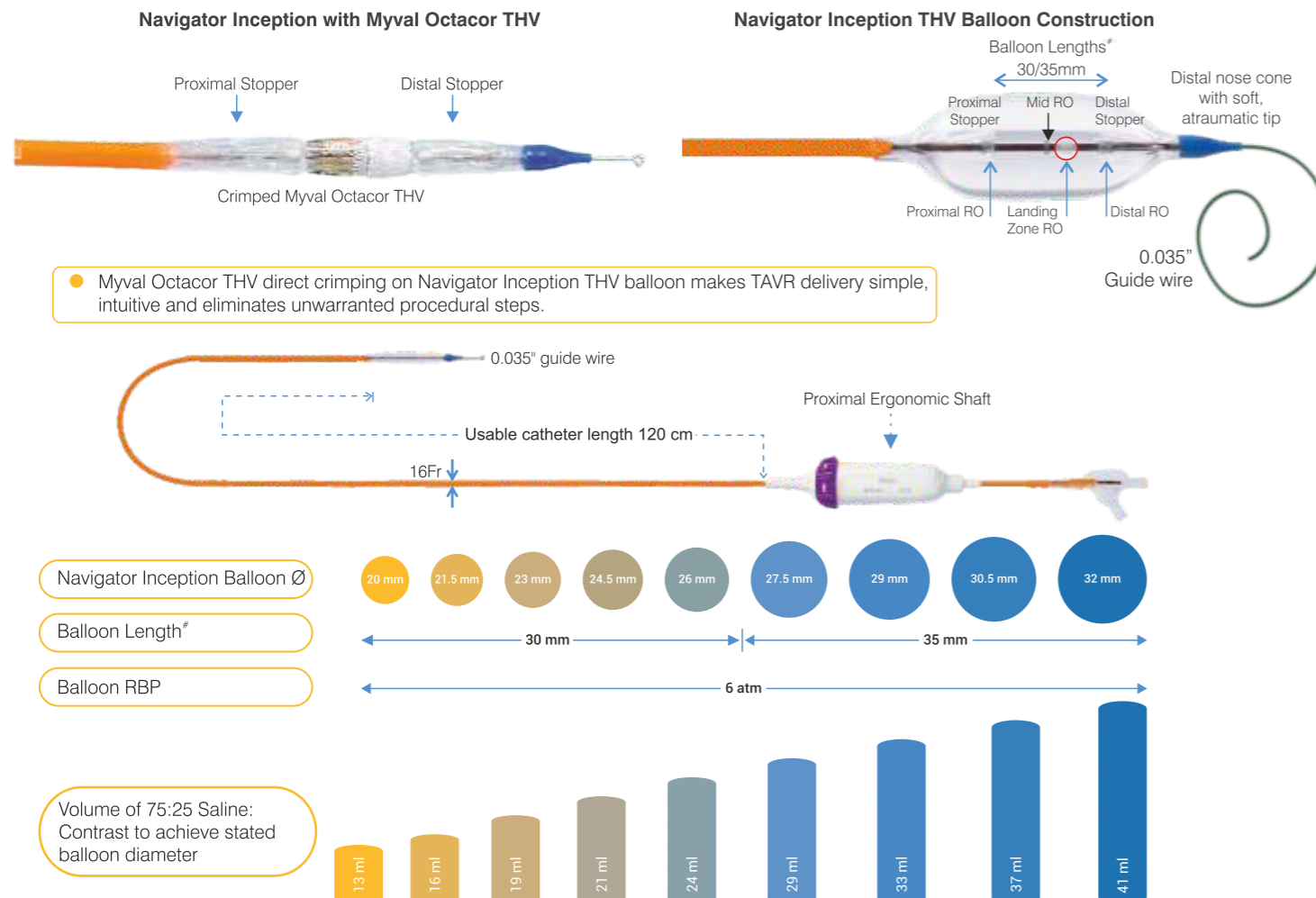


Myval Octacor THV – Design Philosophy



Navigator Inception THV Balloon Delivery System

- Myval Octacor THV is recommended to be crimped over Navigator Inception THV Balloon Delivery System prior to insertion within 14Fr Python Introducer Sheath.
- The crimped valve with delivery system is then loaded through 14Fr Python Introducer Sheath.



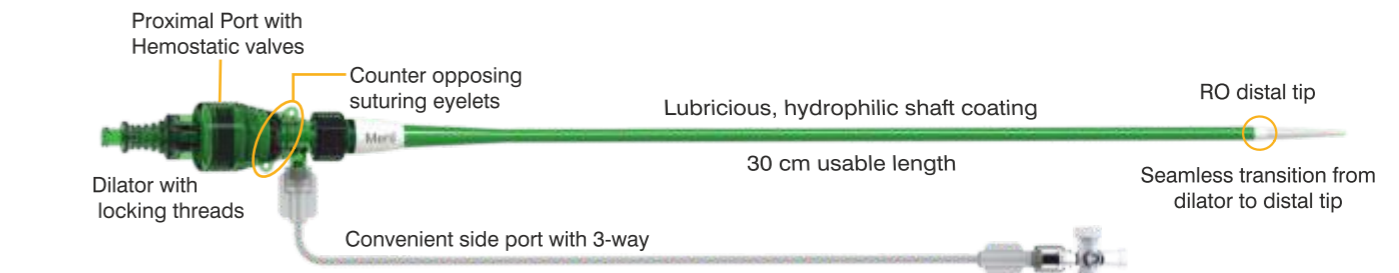
14Fr Python - Introducer Sheath

Compatible with all Myval Octacor THV Diameters (20 mm to 32 mm)

Sheath expands momentarily like a python swallowing its prey. Conveniently allows passage of crimped Myval Octacor THV System.

14Fr Entry profile, allows atraumatic percutaneous access

High convenience for full retrievability of un-deployed Myval Octacor THV System



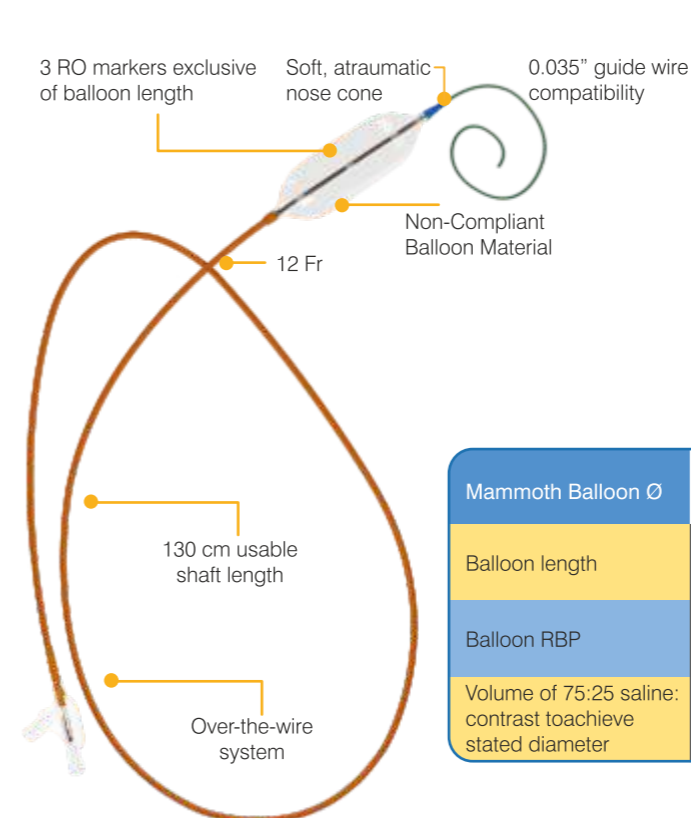
Two separate, calibrated loading tubes ensure temporary opening of hemostatic valves in proximal port allowing smooth passage of crimped Myval Octacor THV System

Common Femoral Artery* Ø (mm)	Myval Octacor THV Ø (mm)
≥ 5.50 mm	20 mm, 21.5 mm, 23 mm, 24.5 mm
≥ 6.00 mm	26 mm, 27.5 mm, 29 mm
≥ 6.50 mm	30.5 mm, 32 mm

*CFA Ø must be MSCT derived. Excluding circumferential Ca^{2+}

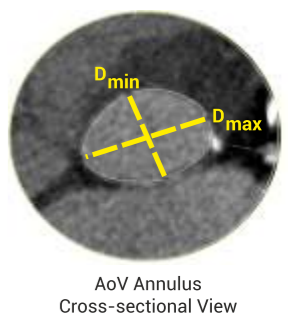
Mammoth - Balloon Dilatation Catheter

Pre-dilatation is entirely operator's discretion and not mandatory



Balloon diameter approximated to shortest axis of annular diameter measured on MSCT to be considered in order to -

- Ensure controlled crossing of THV across the diseased, narrowed annulus (AVA) (prevent abrupt jumping into LV)
- Minimize unwarranted risk of AR due to pre-dilatation
- Reduce propensity for iatrogenic damage to the conduction system
- Simulate expansion behavior of the diseased native leaflets
- Assess potential risk of ostial jailing and estimate coronary perfusion



Mammoth Balloon Ø	14 mm	16 mm	18 mm	20 mm	23 mm	25 mm	28 mm	30 mm
Balloon length	40 mm							
Balloon RBP	6 atm							
Volume of 75:25 saline: contrast to achieve stated diameter	8 ml	10 ml	13 ml	16 ml	23 ml	25 ml	34 ml	42 ml

Myval Octacor THV, Navigator Inception Delivery System, Python Introducer Sheath, Crocodial Compass & Mammoth Balloon have been indigenously developed by Meril Life Sciences Pvt. Ltd.