

Techno Commercial Details

Transcatheter Aortic Valve

Brand Name: Hydra

Valve

- Self-expanding frame, Supra-annular valve design, Bovine Pericardial Valve for superior hemodynamic performance
- Proprietary Anti-calcification tissue treatment
- Extended internal sealing skirt to minimize chances of paravalvular leak
- Two rows of Radio-opaque markers on the frame for deployment guidance
- Varying radial force frame – optimal forces at all 3 parts of the frame
- Available in three sizes of 22, 26, and 30 mm, which cover the treatable annular diameter range from 18 to 27 mm
- Post dilatation limits of valve frame equal to approved annulus diameter limit
- Mid frame has wide cells with minimum access of 15 Fr for ease of access to coronary arteries post-implantation.
- Less metal at the -outflow section for flexibility of valve during crossing of aortic arch
- Model: HYDRA 22, HYDRA 26 & HYDRA 30

Delivery Catheter

- Non-braided Transparent capsule with flexible shaft – ease of navigation through tortuous anatomy and horizontal aorta
- Unique color-coded indicators for deployment guidance on control handle
- 14 Fr equivalent Delivery System with Integrated inline sheath for Hydra 22 And Hydra 26, 15 Fr equivalent Delivery System with Integrated inline sheath for Hydra 30

Safety Feature

- Ability to recapture, reposition and retrieve from up to 80 % deployment level
- Built in active release system in the handle which can control the frame holders.

Clinically proven safe and effective TAVI valve

- Three publications in index journals demonstrating good EOA and low gradient at follow up.