The proximal collar can be used for prosthetic valve attachment or trimmed/inverted for valve sparing procedures according to the surgeon’s preference or surgical technique.

References

GELWEAVE VALSALVA™ ORDERING INFORMATION

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<th>Bore size mm</th>
<th>Max Skirt Diameter mm</th>
<th>Body Length cm</th>
<th>Skirt Length mm</th>
<th>Collar Length mm</th>
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Gelweave Valsalva™

THE WORLD’S ONLY
ANATOMICALLY DESIGNED AORTIC ROOT GRAFT

- Unique graft design for valve sparing or Bentall procedures
- Closely matches aortic root anatomy
- Mimics natural response of the sinuses of Valsalva
- Potential for
  - increased valve leaflet longevity
  - reduced tension on the coronary arteries
Gelweave Valsalva™ exhibits dynamic features and allows smooth closing of the aortic valve leaflets superior to that obtained with standard cylindrical grafts and more similar to healthy individuals\(^1,4\)
POTENTIAL FOR INCREASED VALVE LEAFLET LONGEVITY

FACT

Standard cylindrical grafts increase valve leaflet stress with reduced leaflet longevity\textsuperscript{5,6,7}

Gelweave Valsalva\textsuperscript{TM} may reduce valve leaflet stress and prolong leaflet longevity\textsuperscript{2,4}

Gelweave Valsalva\textsuperscript{TM}, with the presence of pseudosinuses and a well-defined sinotubular junction, facilitates near normal valve leaflet motion with the potential for prolonged valve leaflet longevity\textsuperscript{2,4}

AORTIC VALVE CLOSURE - AORTIC VIEW *

- Asymmetrical opening/closing
- Numerous folds and wrinkles
- Possible leaflet contact with graft wall

- Symmetrical opening/closing
- No folds or bends
- No leaflet contact with graft wall

* Pig model