Stentless BioValsalva™

NEW Innovative self-sealing graft technology - Biplex™

Sinus design relieves tension on the coronary anastomoses

NEW uncrimped sinus for easier anastomoses

Closely matches aortic root anatomy

Clinically proven haemodynamic performance

The Biological Bentall

Product   Ordering Information

<table>
<thead>
<tr>
<th>CATALOGUE NUMBER</th>
<th>EHVC21</th>
<th>EHVC23</th>
<th>EHVC25</th>
<th>EHVC27</th>
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<tbody>
<tr>
<td>Valve size (mm)</td>
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<td>Bore size (mm)</td>
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<td>Usable main body length (mm)</td>
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<td>Skirt length (mm)</td>
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<td>Sewing ring diameter (mm)</td>
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</tbody>
</table>

Please note - Low-power cautery supplied in box with product.

References:
4. Data on file at Vascutek Ltd.

**Data for Biplex™ graft design (CE certificate no. 559025) shown to be equivalent to that of Triplex™ graft design (CE certificate no. 529898).**
**Stentless BioValsalva™**

NEW Biplex™ graft material

Outer self-sealing 4 elastomer

Inner woven polyester

- Now suitable for low-power cautery due to absence of outer ePTFE wrap 4
-ART: Cautery supplied in box with product
- Design demonstrates improved haemostasis 2, 3, 4, 5, 6

**Stress Charts**

Von Mises charts* showing stress (in red) around the coronary ostia on a straight graft model compared to significantly reduced stress 1 on a graft model with sinuses of Valsalva, present in Stentless BioValsalva™.

*Charts = computer-aided design generated 3-dimensional meshed models of aortic root-coronary artery assemblies. Pressure maintained constant at 200mmHg. 38mm sinus is equivalent to the maximum sinus diameter on a Biplex Valsalva™ with bore size of 30mm.

The NEW generation of tissue valved conduit

PROVEN Vascutek elan™ porcine valve demonstrates,

"...very low transvalvular gradients, good flow characteristics and low regurgitation incidence." 7

"...excellent clinical outcomes at eight years follow up." 8

Easily implantable pre-sewn device 2, 5, 6

Graft design shown to,
- Reduce ischaemic time 3
- Reduce aortic cross-clamp time 3

Unique porcine aortic valved conduit