A new level of design excellence.

The Carpentier-Edwards PERIMOUNT Magna mitral pericardial bioprosthesis is built upon the proven design and long-term performance of PERIMOUNT valves.

From durability driven by design...

The pioneering design of the first PERIMOUNT mitral valve demonstrated remarkable long-term durability and exceptional hemodynamic performance.²

16-year Durability of the PERIMOUNT mitral valve model 6900

Cumulative incidence at 15 years for patients ≥70 years is 1.1 ± 1.1%
Cumulative incidence at 16 years for patients ≥65 years is 7.6 ± 2.2%
Cumulative incidence at 16 years for patients ≥60 years is 11.3 ± 2.4%

The Carpentier-Edwards PERIMOUNT Magna mitral valve integrates this proven platform, as well as numerous new design features and advanced proprietary processes.

...to a new level of design excellence.
Proven hemodynamic performance

Design excellence results in ease of use, durability and hemodynamic performance. The design of PERIMOUNT mitral valves demonstrates excellent hemodynamics across all sizes.¹

**EOA in cm² (Follow-up interval ≥ 11 months post-op)**

<table>
<thead>
<tr>
<th>Labeled Size</th>
<th>25</th>
<th>27</th>
<th>29</th>
<th>31</th>
<th>33</th>
</tr>
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<tbody>
<tr>
<td>PERIMOUNT valve²</td>
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<td>2.7</td>
<td>2.6</td>
<td>3.1</td>
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<tr>
<td>SJM mechanical valve</td>
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<td>2.5³</td>
<td>2.4³</td>
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<tr>
<td>Mosaic valve⁵</td>
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<td>SJM Biocor valve⁶</td>
<td>0.9</td>
<td>n/a</td>
<td>1.5</td>
<td>1.7</td>
<td>1.8</td>
</tr>
</tbody>
</table>

Several published clinical studies have demonstrated that PERIMOUNT valves hemodynamic performance matches the hemodynamics of mechanical valves in the mitral position.²,⁸,⁹

“Hemodynamically, (PERIMOUNT mitral) pericardial valves provide the best solution to flow problems. The design maximizes use of the flow area, which results in minimal flow resistance.” —Gudbjartsson et al¹

References

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