Virtually all cardiac surgery patients are at risk of neurologic and end-organ damage from emboli released during the procedure. 1-6

Is it on your radar now?


With detectable particulates released in virtually every cardiac surgery,1-6 the prevalence and potential dangers of emboli have been well documented.2,6,7 Research has also demonstrated the safety and benefits of intra-aortic filtration, including reductions in certain adverse events and end-organ damage, which could potentially shorten the length of hospital stays.2,8,10

The highly evolved EMBOL-X Glide Protection System is the only device that combines a low-trauma outflow path with advanced filter technology—all integrated into a conventional cannula design. Which means that now you have an effective method for capturing potentially dangerous emboli during on-pump cardiac procedures.
Protect your patients from aortic emboli.

**Protection**
- 120-micron polyester mesh captures particulates without impeding flow
- Flexible, self-fitting Nitinol frame conforms to the aorta atraumatically
- Duraflo coating provides anti-thrombogenic properties
- Advanced 2-valve design minimizes blood loss

**Operation**
- Used in place of conventional cannula for seamless integration into procedure
- Direct access port means single incision with minimal change in technique
- Keyed cartridge ensures proper filter direction
- Wire-wound flexible construction delivers positive stability in surgical field
- Spring-loaded tip is designed for atraumatic aortic filter deployment

**Clinical proof**
- 97% of filters showed detectable captured embolic matter.1,3-10
- 58% of emboli are released at the time of clamp removal.1
- Emboli significantly increase major cardiac and neurologic complications and length of stay.2
- “A patient without a filter during a procedure might expect a 2.7 times greater chance of experiencing an adverse outcome.”10

**Substantial benefits**
- “Even with a significantly worse preoperative profile, high-risk patients receiving intra-aortic filtration suffered Type I cerebral injury 74% less often than patients in the McSPI (Multicenter Study of Perioperative Ischemia) group.”11

**Visible proof**
Slides showing aortic emboli captured by the EMBOL-X Protection System.

**Incidence of Renal Insufficiency With and Without EMBOL-X Filter**

- Patients deemed to be at moderate to high risk had a statistically significant reduction in adverse renal failure when the EMBOL-X Protection System was used.

**Probability of Neurologic Event**

- Statistical model predicts the probability of a neurologic event for patients with increasing age and a healthier profile. (70% confidence limits.)
Edwards EMBOL-X Glide with Flange Intra-Aortic Protection System Options

<table>
<thead>
<tr>
<th>U.S. Model Numbers</th>
<th>Product Description</th>
<th>Contains</th>
<th>Minimum-maximum Aortic Inner Diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flange</td>
<td>Filter Size</td>
<td>Auto-dilating Tip With Flange</td>
<td></td>
</tr>
<tr>
<td>EXGF24XSD</td>
<td>X-Small system</td>
<td>1 – 24F access device / aortic cannula</td>
<td>22 – 26</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 – X-Small aortic filter</td>
<td></td>
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<tr>
<td>EXGF24SSD</td>
<td>Small system</td>
<td>1 – 24F access device / aortic cannula</td>
<td>26 – 29</td>
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<td></td>
<td></td>
<td>1 – Small aortic filter</td>
<td></td>
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<tr>
<td>EXGF24MMD</td>
<td>Medium system</td>
<td>1 – 24F access device / aortic cannula</td>
<td>29 – 32</td>
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<td></td>
<td>1 – Medium aortic filter</td>
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<tr>
<td>EXGF24LLD</td>
<td>Large system</td>
<td>1 – 24F access device / aortic cannula</td>
<td>32 – 35</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 – Large aortic filter</td>
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</tr>
<tr>
<td>EXGF24XLG</td>
<td>X-Large system</td>
<td>1 – 24F access device / aortic cannula</td>
<td>35 – 40</td>
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<tr>
<td></td>
<td></td>
<td>1 – X-Large aortic filter</td>
<td></td>
</tr>
<tr>
<td>CA40101</td>
<td>Reusable aortic sizers</td>
<td>1 set of aortic sizers (X-Small thru X-Large)</td>
<td></td>
</tr>
</tbody>
</table>

Contact your local sales representative to order individual components.

References


Rx only. See instructions for use for full prescribing information.

Edwards Lifesciences devices placed on the European market meeting the essential requirements referred to in Article 3 of the Medical Device Directive 93/42/EEC bear the CE marking of conformity.

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