Embolic Protection Stent

Improving Clinical Outcomes For STEMI Patients

Delivering More Safety

InspireMD

MG UARD
Embolic Protection Stent

Improving Clinical Outcomes For STEMI Patients
In many occasions, during an attempt to optimize TIMI flow, Myocardial Reperfusion is overlooked.

**ST Resolution is Strong Predictor of Mortality***

1 Year Mortality

<table>
<thead>
<tr>
<th>% of Patients</th>
<th>&lt;30% Unsuccessful Results</th>
<th>&gt;70% Optimal Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.3%</td>
<td></td>
<td>1.4%</td>
</tr>
</tbody>
</table>


**The Unmet Need in STEMI**

- Distal Embolization
- No Reflow
- Mortality

CE Marked | Not available for sale in the USA
MicroNet Technology Key Features and Benefits

MGuard Platform Technology Designed to:

- Prevent Distal Embolization
- Trap Thrombus
- Seal Ruptured Plaque
- Optimize Flow

After BMS/DES
Residual thrombus protrusion

After MGuard™
Thrombus trapped behind mesh
System Specification:

**SYSTEM**

Compatible Guiding Catheter: 6F (ID 1.68 mm/0.07"
Nominal Pressure: 8 Atm
Radiopaque Markers: Proximal and Distal
Balloon Characteristic: Semi-compliant
Usable Catheter Length: 1420 mm
Guidewire: 0.014" / 0.36 mm

**MICRONET™**

Technology: Micron Circular-Knitting Technology
Material: Poly Ethylene - Terephthalate (PET)
Fiber size: 20 µm
Aperture size at Expanded State: 150 µm x 180 µm

**STENT**

Material: Stainless steel 316
Design: Low profile
Strut Thickness: 100µm
System Profile:
Crossing 1.1-1.3 mm
Visual 1.1-1.4 mm

**TABLE OF SIZES:**

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Stent Length (mm)</th>
<th>Stent Length (mm)</th>
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<tbody>
<tr>
<td>2.75</td>
<td>MGC2712 MGC2715</td>
<td>MGC2719 MGC2724</td>
</tr>
<tr>
<td>3.00</td>
<td>MGC3012 MGC3015</td>
<td>MGC3019 MGC3024</td>
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<tr>
<td>3.25</td>
<td>MGC3212 MGC3215</td>
<td>MGC3219 MGC3224</td>
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<tr>
<td>3.50</td>
<td>MGC3512 MGC3515</td>
<td>MGC3519 MGC3524</td>
</tr>
<tr>
<td>4.00</td>
<td>MGC4012 MGC4015</td>
<td>MGC4019 MGC4024</td>
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**COMPLIANCE TABLE**

<table>
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<th>mm</th>
<th>Nom (8 Atm)</th>
<th>RBP</th>
<th>Max (22)</th>
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<tbody>
<tr>
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<td>2.75</td>
<td>2.99</td>
<td>3.11</td>
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<tr>
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<td>3.24</td>
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<tr>
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<td>3.74</td>
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<td>4.30</td>
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<tr>
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<tr>
<td>4.0x39</td>
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<td>4.24</td>
<td>4.48</td>
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</tbody>
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About InspireMD

InspireMD is a medical device company developing and commercializing its novel MicroNet technology for interventional cardiology and other vascular procedures.

Currently commercializing the MGuard™ Coronary Embolic Protection Stent (EPS) for the treatment of acute coronary syndromes, namely Acute Myocardial Infarctions (AMI).

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