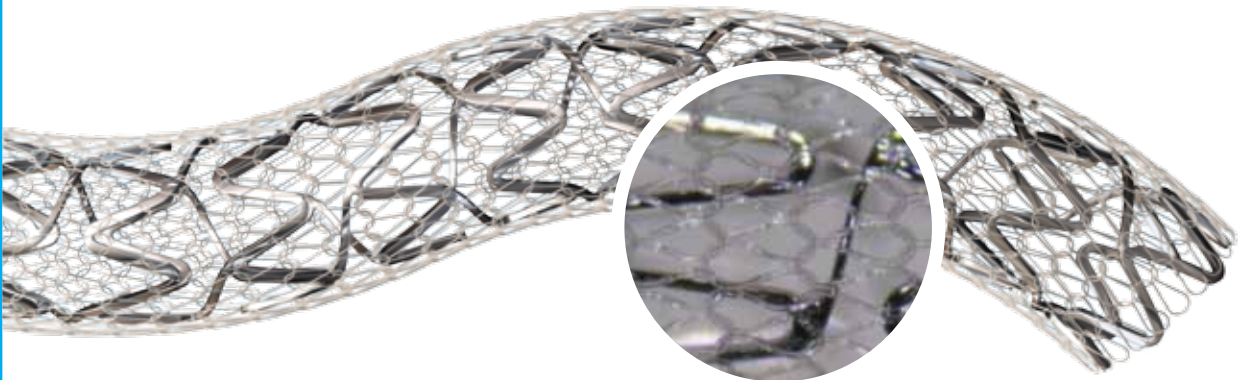




# MGUARD & MGUARDPrime

| Device Description              |           | The MGuard Embolic Protection Stent (EPS) is based on a stent which is wrapped with an expandable, MicroNet™ (mesh). The MicroNet is made of a single knitted PET fiber and is attached to the proximal and distal edges of the stent. The MicroNet expands seamlessly during stent deployment. |                                     |
|---------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Mechanism of Operation          |           | The MicroNet technology allows trapping of embolic materials while performing a standard stenting procedure (no learning curve).                                                                                                                                                                |                                     |
| Specifications                  |           | MGuard                                                                                                                                                                                                                                                                                          | MGuard Prime                        |
| Sizes:                          | Diameters | 2.75-4.00 mm                                                                                                                                                                                                                                                                                    | 2.75-4.00 mm                        |
|                                 | Lengths   | 12-39 mm                                                                                                                                                                                                                                                                                        | 8-38 mm                             |
| Guiding Catheter                |           | 6F (ID 1.68 mm)/0.07"                                                                                                                                                                                                                                                                           | 6F (ID 1.68 mm)/0.07"               |
| Nominal Pressure                |           | 8 Atm                                                                                                                                                                                                                                                                                           | 8 Atm                               |
| Guidewire                       |           | 0.014"                                                                                                                                                                                                                                                                                          | 0.014"                              |
| MicroNet Material               |           | Poly Ethylene - Terephthalate (PET)                                                                                                                                                                                                                                                             | Poly Ethylene - Terephthalate (PET) |
| Aperture Size at Expanded State |           | 170 ± 15 µm                                                                                                                                                                                                                                                                                     | 170 ± 15 µm                         |
| Fiber Size                      |           | 20 µm                                                                                                                                                                                                                                                                                           | 20 µm                               |
| Stent Material                  |           | Stainless steel 316                                                                                                                                                                                                                                                                             | Cobalt Chromium (CoCr) L605         |
| Strut Thickness                 |           | 100 µm                                                                                                                                                                                                                                                                                          | 80 µm                               |
| Crossing Profile                |           | 1.1 mm for 2.75, 3.0 mm                                                                                                                                                                                                                                                                         | 1.0 mm for 2.75, 3.0 mm             |
|                                 |           | 1.3 mm for 3.25, 3.5, 4.0 mm                                                                                                                                                                                                                                                                    | 1.2 mm for 3.25, 3.5, 4.0 mm        |
| Product Approval and Indication |           | CE-marked<br>Not available for sale in the United States                                                                                                                                                                                                                                        |                                     |

Contact Information  
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www.inspiremd.com  
NSPR



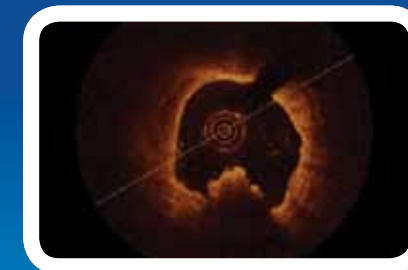
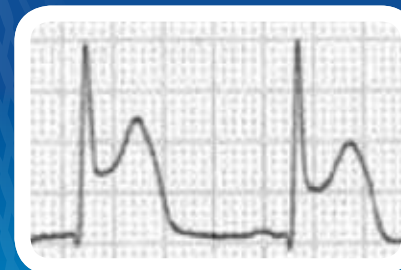
MAL-021-13-01v1



## Embolic Protection Stent Technology Clinical Evidence

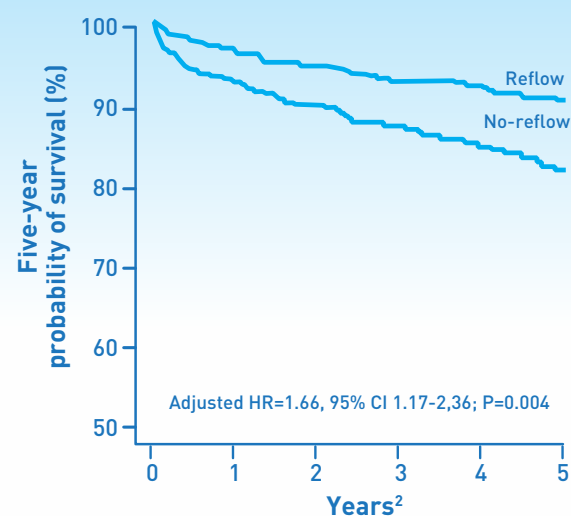
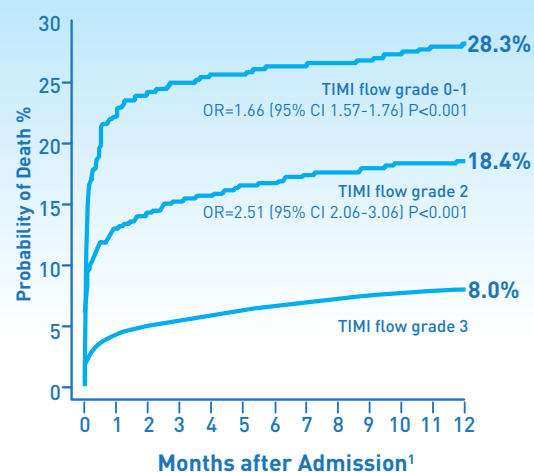


CE Marked | Not available for sale in the USA | MGuard Prime is an Investigational Device only in the USA



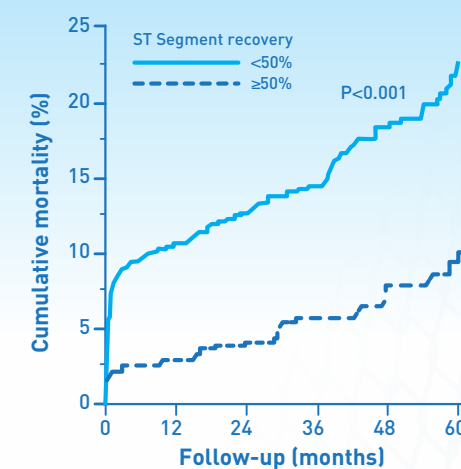
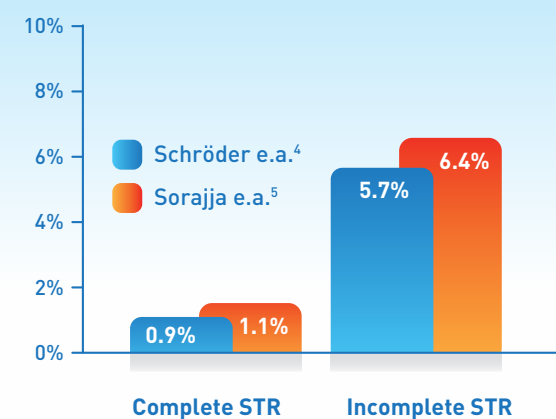
## Flow versus No Flow is strongly correlated to (long term) survival:

## ST Resolution is strongly correlated to (long term) survival:



## Mortality at 30 days

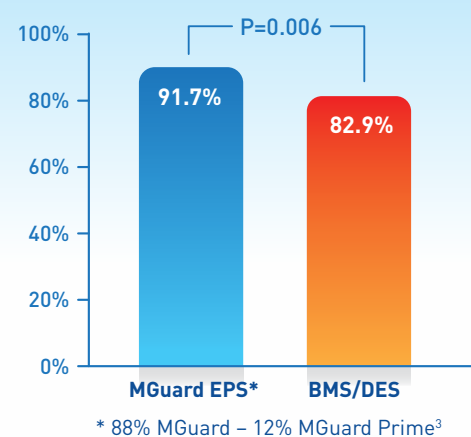
## Long Term Mortality<sup>6</sup>



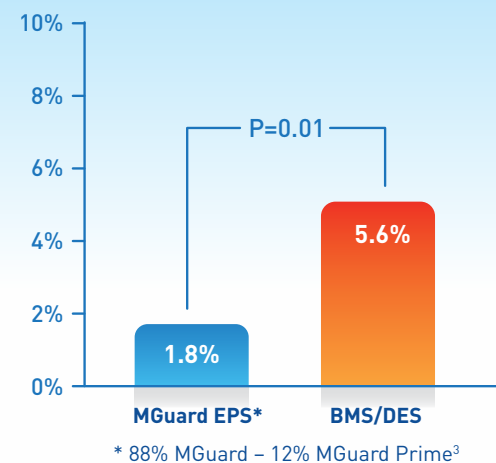
## MGuard Improves Flow and Reduces No Reflow:

## MGuard Improves ST Resolution:

### TIMI 3

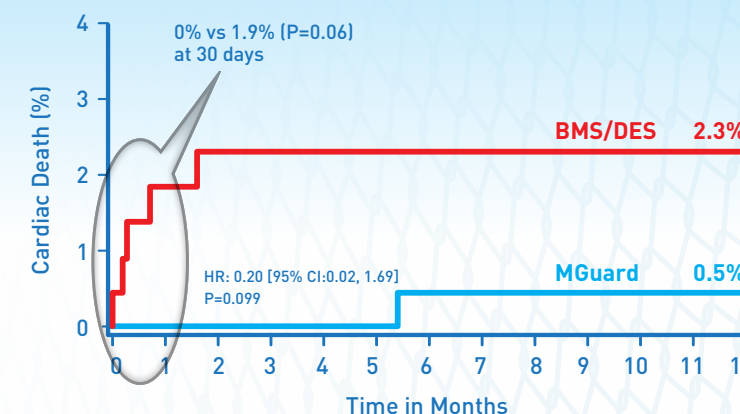
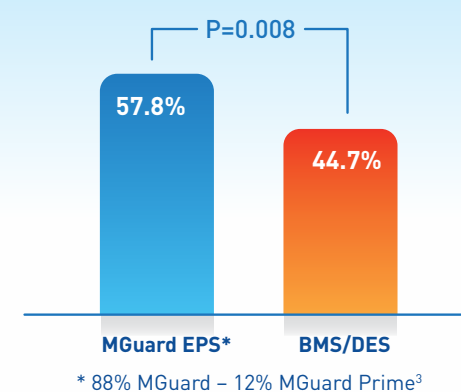


### TIMI 0/1



### STR > 70% at 60-90'<sup>7</sup>

### Cardiac Death at 12 months<sup>8</sup>



<sup>1</sup> Ndrepepa. J Am Coll Cardiol 2008;52:512-7

<sup>2</sup> Ndrepepa. J Am Coll Cardiol 2010;55:2383-9

<sup>3</sup> Stone. J Am Coll Cardiol 2012;60:1975-84

<sup>4</sup> Schroder. Eur Heart J. Vol. 20, issue 21, November 1999: 1563-1571.

<sup>5</sup> Sorajja. Eur Heart J 2005; 26:667-674, 667-674

<sup>6</sup> Verouden - Am J Cardiol 2010;105(12):1692-1697

<sup>7</sup> Stone. J Am Coll Cardiol 2012;60:1975-84

<sup>8</sup> Data on file