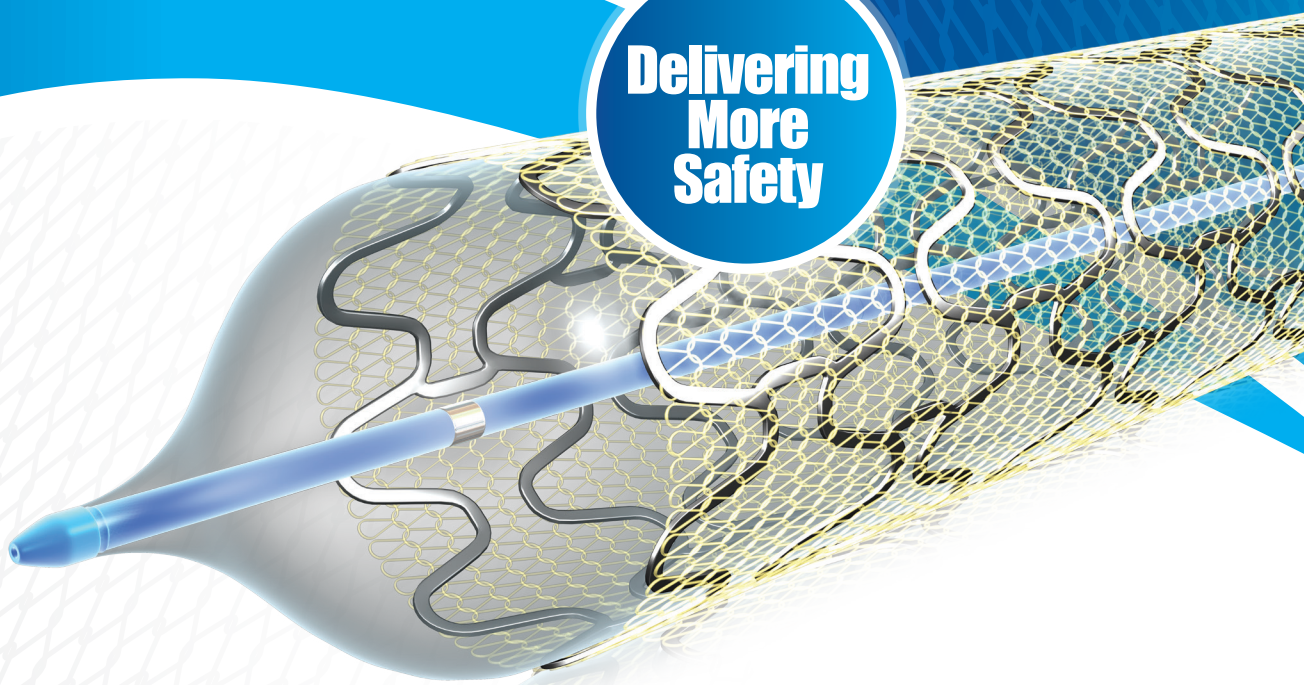
InspireMD

Delivering More Safety



MGUARD

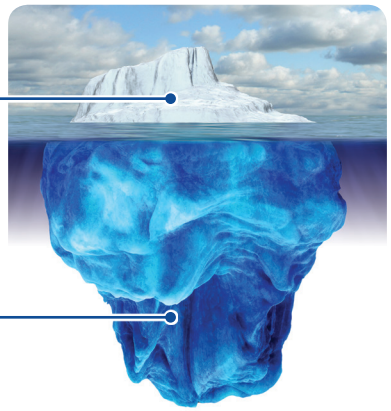
Embolic Protection Stent

Improving Clinical Outcomes For STEMI Patients

The Unmet Need in STEMI

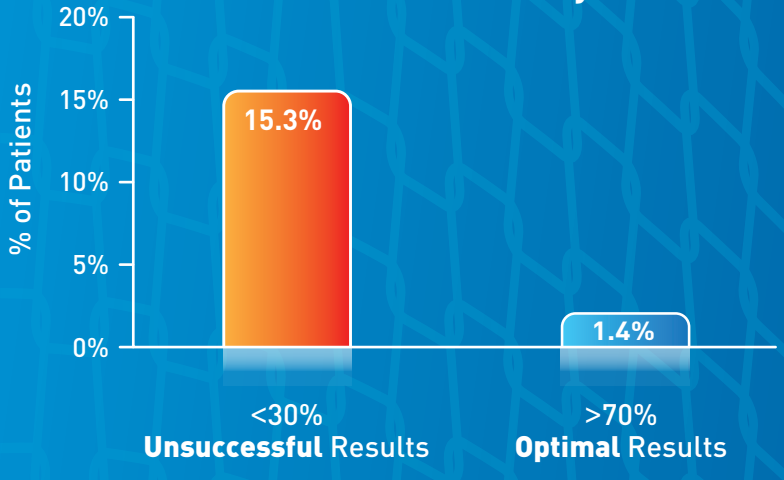
Distal Embolization → **No Reflow** → **Mortality**

In many occasions, during an attempt to optimize TIMI flow, Myocardial Reperfusion is overlooked



ST Resolution is Strong Predictor of Mortality*

1 Year Mortality



* TAPAS, Pieter J Vlaar; Lancet 2008; 371: 1915–20

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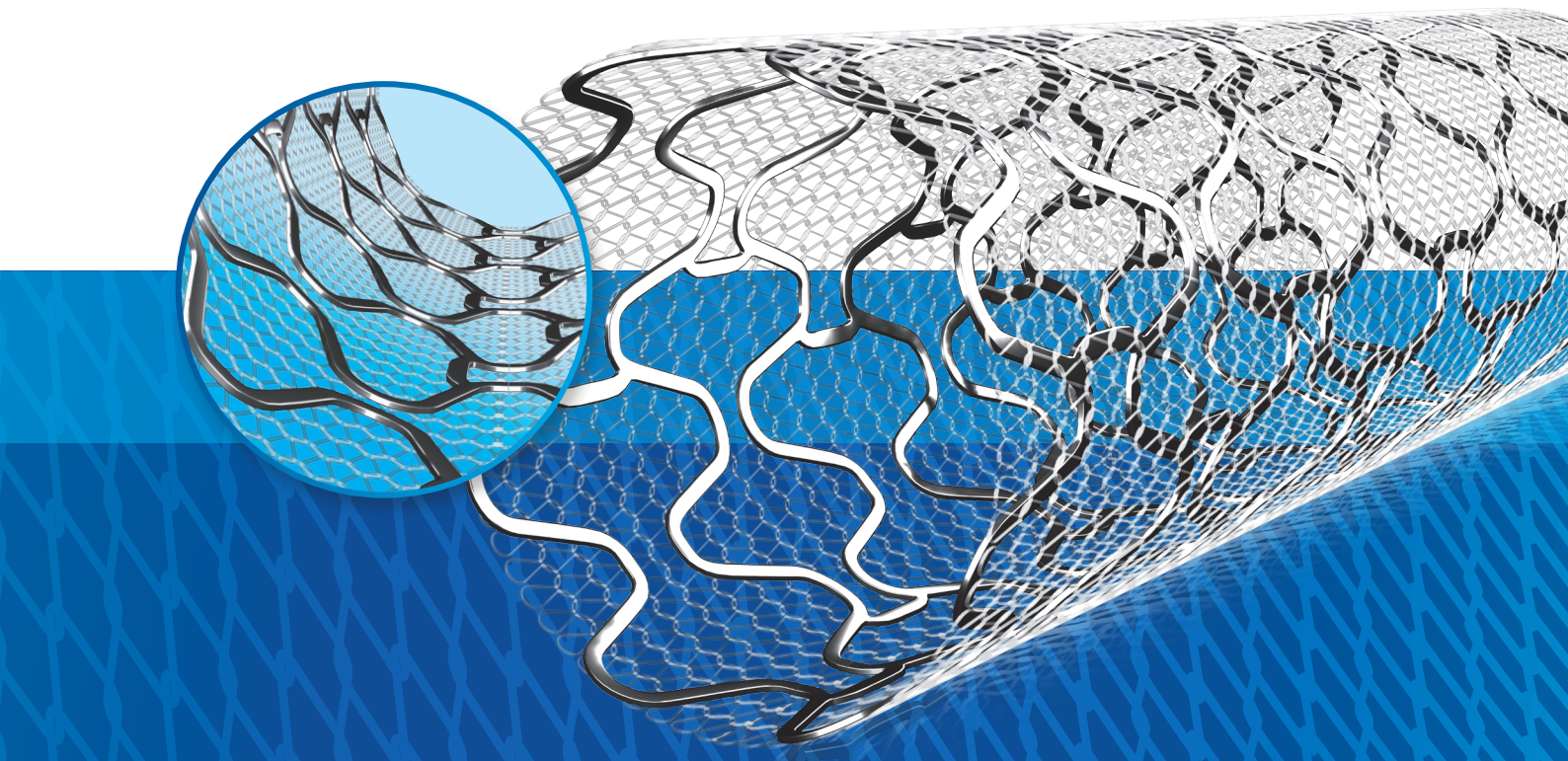
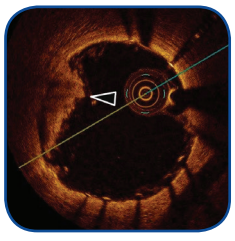
MicroNet Technology Key Features and Benefits

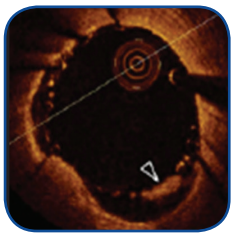
MGuard Platform Technology Designed to:

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

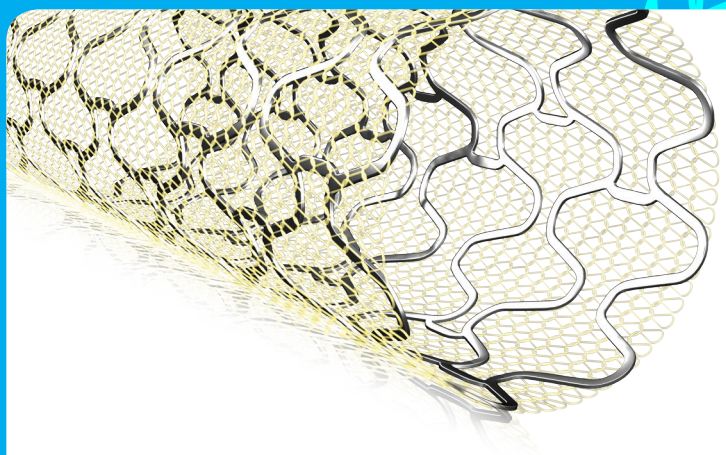




After BMS/DES
Residual thrombus protrusion



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:

Diameter (mm)	Stent Length (mm)						
	12	15	19	24	29	34	39
2.75	MGC2712	MGC2715	MGC2719	MGC2724	MGC2729	MGC2734	MGC2739
3.00	MGC3012	MGC3015	MGC3019	MGC3024	MGC3029	MGC3034	MGC3039
3.25	MGC3212	MGC3215	MGC3219	MGC3224	MGC3229	MGC3234	MGC3239
3.50	MGC3512	MGC3515	MGC3519	MGC3524	MGC3529	MGC3534	MGC3539
4.00	MGC4012	MGC4015	MGC4019	MGC4024	MGC4029	MGC4034	MGC4039

COMPLIANCE TABLE

mm	Nom (8 Atm)	RBP		Max (22)
2.75	2.75	2.99	16 Atm	3.11
3.00	3.00	3.24		3.39
3.25	3.25	3.49		3.66
3.50	3.50	3.74		3.92
4.00	4.00	4.30		4.48
3.5x39	3.50	3.68	14 Atm	3.92
4.0x34	4.00	4.24		4.48
4.0x39	4.00	4.24		4.48

MAL-079-12-01

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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NSPR

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