

System Specifications

Delivery System		Net		Stent	
Guiding catheter:	6F (ID 1.68 mm) /0.07"	Technology:	Micron Circular - Knitting Technology	Stent material:	Stainless steel 316
Nominal Pressure:	6 atm.	Net Material:	Poly Ethylene - Terephthalate (PET)	Stent design:	Low profile
Radiopaque Markers:	Proximal and Distal	Fiber Width:	20 µm	Strut thickness:	100µm
Balloon Characteristic:	Semi - compliant	Aperture size at expanded state:	~150µm X 180µm	System Profile:	Crossing 1.1-1.3 mm Visual 1.3-1.5 mm
Usable Catheter Length:	1420 mm				
Guidewire	0.014" / 0.36 mm				

Table of sizes							
Diameter (mm)	Stent Length (mm)						
	12	15	19	24	29	34	39
2.00	MGC2012	MGC2015	MGC2019	MGC2024	MGC2029	MGC2034	MGC2039
2.25	MGC2212	MGC2215	MGC2219	MGC2224	MGC2229	MGC2234	MGC2239
2.50	MGC2512	MGC2515	MGC2519	MGC2524	MGC2529	MGC2534	MGC2539
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			
	Nom.	RBP	Max.
2.00	2.00	2.29	2.39
2.25	2.25	2.44	2.43
2.50	2.50	2.78	2.85
2.75	2.75	3.06	3.23
3.00	3.00	3.30	3.50
3.25	3.25	3.61	3.76
3.50	3.50	3.83	4.07
4.00	4.00	4.35	4.63

Pressure Table	
Nominal	6 BAR
Rated Burst	14 BAR
Rated Burst	16 BAR
Maximum	18 BAR
Maximum	19 BAR

Now with Superior Deliverability

A Choice for Life

About InspireMD

InspireMD is an innovative developer of next generation coronary and endovascular stent systems. Our solutions are designed to benefit patients by providing physicians with effective and safe stenting systems.

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Clinical trials website:
www.MGuard-Trials.org

Not available for sale in the United States



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V: MAR-003-08-10 May 10

InspireMD

MGUARD

Introducing the first stent system designed to reduce embolization in acute coronary syndrome

A Choice for Life

MGUARD Designed for **Acute Coronary Syndrome**, Acute MI, SVG and other **Thrombus Containing Lesions**



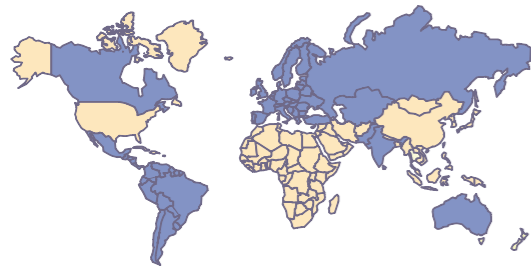
About

MGuard addresses the risks associated with distal embolization and no-reflow. MGuard simplifies Primary PCI and SVG interventions.

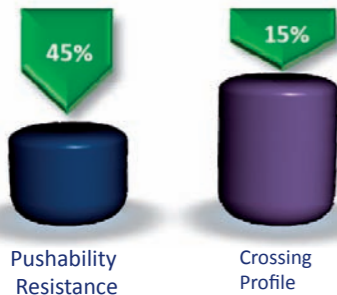
Clinical Trials

- ✓ A Total of More than **500** Patients
- ✓ Over **300** **Acute MI** Patients

MGuard is available in the following territories:

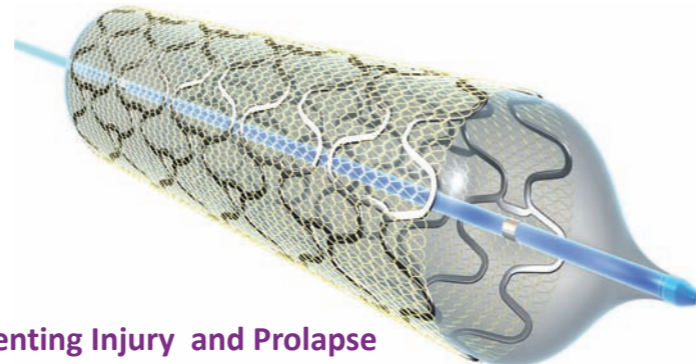
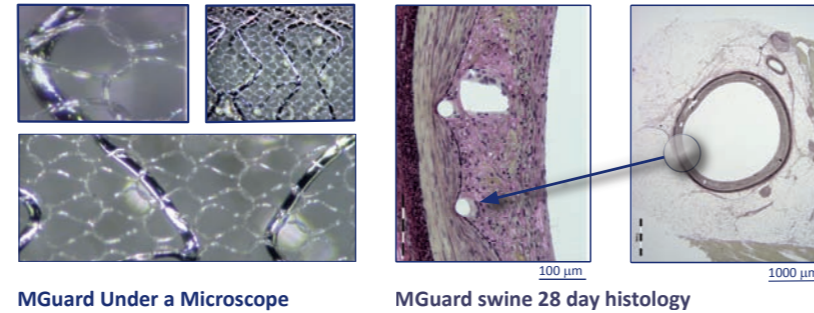


Improvement in Deliverability

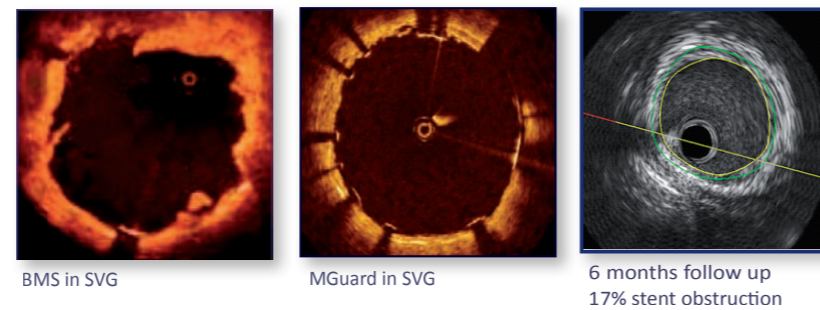


Data on file

Blocks Embolic Showers Lower Arterial Wall Trauma*

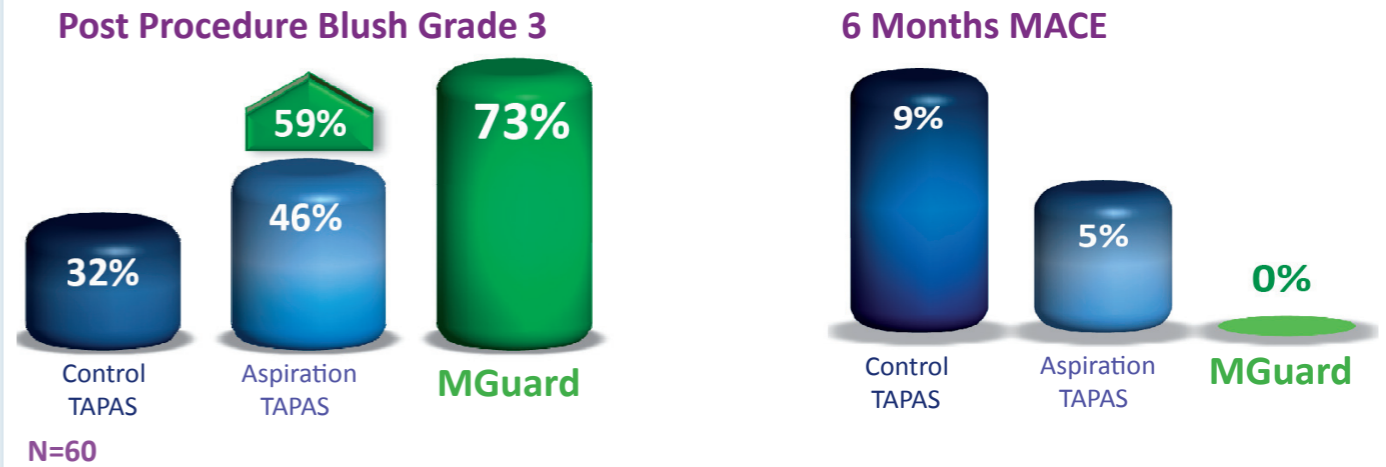


Preventing Injury and Prolapse



Designed for **AMI** Low **MACE**
Simple Procedure Excellent **Blush**

Outcome in Primary PCI **MAGICAL¹⁰** Trial vs. **TAPAS¹³** Trial



30 Days MACE



References

- 1) Jain A; Prevention of thrombus embolization during primary percutaneous intervention using a novel mesh covered stent. Catheter Cardiovasc Interv. 2009m July 1
- 2) Vaknin-Assa H; Preliminary experiences using the MGuard stent platform in saphenous vein graft lesions. Catheter Cardiovasc Interv. 2009 Apr 7
- 3) Kaluski E; Coronary stenting with MGuard: first-in-man trial. J Invasive Cardiol. 2008 Oct
- 4) Kaluski E; from conception to human trials. Cardiovasc Revasc Med. 2008 Apr-Jun
- 5) Martuscelli E; Coronary stenting with M-Guard: feasibility and safety porcine trial. J Invasive Cardiol. 2007 Aug
- 6) Martuscelli E; PCI without embolic protection in saphenous vein graft with a thin polymer mesh covered stent (MGuard). European Heart Journal 2009, Abstract Supplement
- 7) Piscione F; Angiographic improvement in STEMI reperfusion: preliminary experience with MGuard net protective stent. European Heart Journal 2009, Abstract Supplement
- 8) Costa JR; FINAL RESULTS OF THE INSPIRE TRIAL WITH THE NOVEL MGUARD STENT SYSTEM CONTAINING A PROTECTION NET TO PREVENT DISTAL EMBOLIZATION. J. Am. Coll. Cardiol. 2010;55:A180.E1680
- 9) Lotan C; MGuard first in Man Trial - 30 days' Results. The American Journal of Cardiology, TCT 2008 Abstract
- 10) Dudek D; MGuard coronary stent system in ST elevation myocardial infarction. SOLACI Congress abstract 2009.
- 11) Grube E; MGuard FIM long term follow-up SOLACI congress abstract 2009.
- 12) Piscione F; Angiographic improvement in STEMI reperfusion: preliminary experience with MGuard net protective stent. Catheterization and Cardiovascular Interventions 2009
- 13) TAPAS Trial: Thrombus aspiration during Primary PCI, NEJM 2008
- 14) iMOS interim analysis, Data on file.

*An Evaluation of InspireMD Stents Implanted in a Porcine Coronary Artery Model-Final Report, Biomedical Engineering Center/Experimental Cardiovascular Interventional Laboratory, Boston, US.
 In coronary porcine studies MGuard™ exhibited low Schwartz injury scores (0.15 ± 0.23), 76% lower the BMS stented segment

