

# InvShield™

Emboli Protective Stent System

Designed for AMI,  
Mesh Based Protective System



Nano Science for Innovative Therapies



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## InvoShield™

Cobalt Chromium Mesh Covered Stent System is composed of cobalt chromium L605 stent which is CE approved, covered with a polymer sleeve knitted from micron level Poly Ethylene Terephthalate (PET) fiber pre mounted on a PTCA balloon catheter.

It provides protection against embolic showers which take place during and post PTCA procedure and eventually restricts grave problem of Distal Embolisation.

### Design Advantages

- Prevent distal embolization.
- Stabilize ruptured plaque.
- Improve safety outcome.
- Best in deliverability.
- It is suitable for acute coronary syndromes and particularly acute MI as the net reduces embolization and enables excellent myocardial blush and flow.



InvoShield Cobalt Chromium Mesh Covered Stent System

### Technical Specifications

Stent	
Available stent length (mm)	8, 13, 16, 19, 24, 29, 32 & 37
Available stent diameter (mm)	2.50, 2.75 (6 cell, 3 connectors) & 3.00, 3.50, & 4.00 (8 cell, 4 connectors)
Stent Material	A medical grade L605 Cobalt Chromium alloy
Stent Strut thickness (mm)	65 $\mu$ m
Rapid Exchange PTCA Balloon Delivery System	
Delivery System Usable Length	140cm
Rapid Exchange Length	25cm
Balloon Inflation Pressure	Nominal Pressure (NP): 9atm Rated Burst Pressure (RBP): 16atm* .*RBP 14atm for 3.50x37mm, 4.00x32mm & 4.00x37mm Stents.
Net	
Material	Poly Ethylene Terephthalate (PET)
Fiber Size	20 $\mu$ m
Aperture Size at Expanded Stent	150 $\mu$ m x 180 $\mu$ m

### Ordering Information

Stent Diameter (mm)	Stent Length (mm)							
	8	13	16	19	24	29	32	37
2.50 mm	IS2.5008	IS2.5013	IS2.5016	IS2.5019	IS2.5024	IS2.5029	IS2.5032	IS2.5037
2.75 mm	IS2.7508	IS2.7513	IS2.7516	IS2.7519	IS2.7524	IS2.7529	IS2.7532	IS2.7537
3.00 mm	IS3.0008	IS3.0013	IS3.0016	IS3.0019	IS3.0024	IS3.0029	IS3.0032	IS3.0037
3.50 mm	IS3.5008	IS3.5013	IS3.5016	IS3.5019	IS3.5024	IS3.5029	IS3.5032	IS3.5037
4.00 mm	IS4.0008	IS4.0013	IS4.0016	IS4.0019	IS4.0024	IS4.0029	IS4.0032	IS4.0037