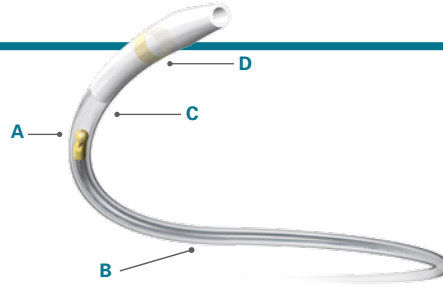


## Experience OptiCross™ – The IVUS Catheter that Delivers Confidently

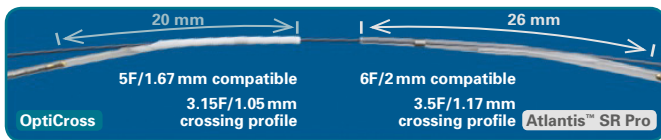
With OptiCross, Boston Scientific has raised its **Best-in-class IVUS image quality** to a new level. This catheter's 3.15F/1.05 mm crossing profile, enhanced trackability and pushability, and tapered imaging window contribute to **smooth, sure deliverability**. A beveled tip design is intended to ease lesion entry, decrease stent catch and provide peace of mind.

### Construction Overview

- A** Improved Image Quality
- B** 5F/1.67 mm Guide Catheter Compatible
- C** Superior Deliverability
- D** Improved Ease of Use

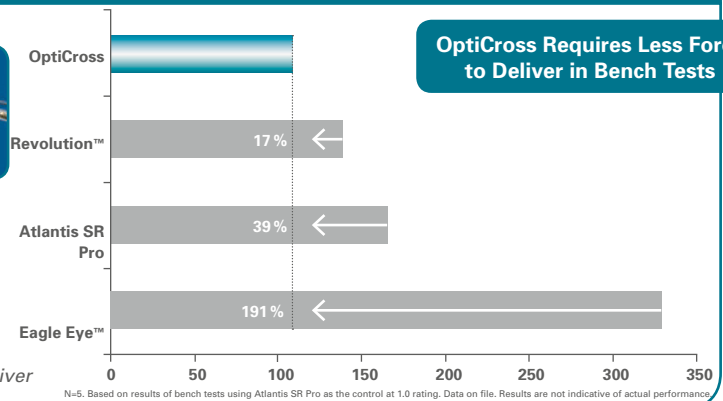


### Superior Deliverability



- 23% shorter tip to transducer length
- Smallest Crossing Profile
- More robust monorail material

More robust monorail material + New monorail design = Less force to deliver



### Improved Image Quality

#### Axial Resolution

Eagle Eye	< 170 micron
Revolution	50 micron
Atlantis SR Pro	43 micron
OptiCross	38 micron

(Axial Resolution Example Image)



OptiCross + MDU5 PLUS



Atlantis SR Pro + MDU5 PLUS



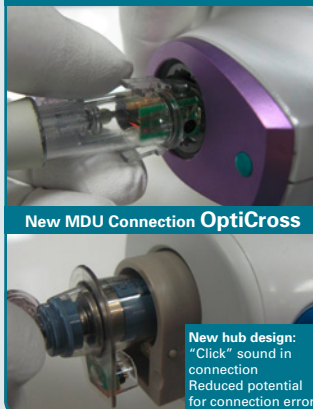
- Better Axial Resolution
- Darker more apparent lumen
- More visible stent struts

### Improved Ease of Use

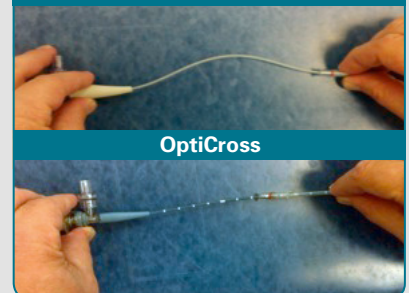
#### Colored Tip: Enhanced visualization during prep



#### MDU Connection Atlantis SR Pro



#### Atlantis SR Pro



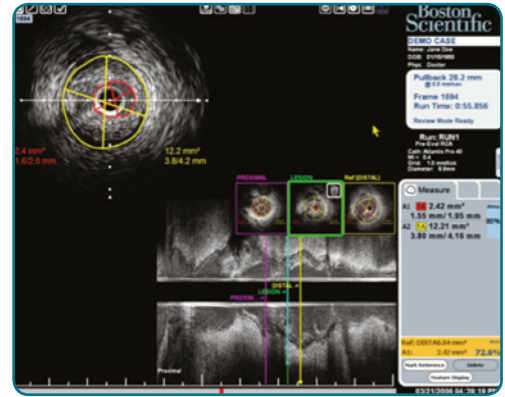
#### TELESCOPE IMPROVEMENTS:

- 1. Extended Proximal Shaft**  
Extended proximal shaft covers drive cable inside to reduce entanglement.
- 2. Stiffer Telescope :**  
Reduce likelihood of kinking during imaging core advancement.

Unless otherwise noted, all comparisons are against the Atlantis SR Pro™ Coronary Imaging Catheter

## Improved Software Enhancements with iLab

- The Mouse and Job Shuttle Wheel** are an alternative to the touch panel and table side controller
- Thumbnails** allow easy Navigation from Bookmark to Bookmark
- New measurement tools** such as the to LongView™ Ruler or DualView™ assist in choosing the right solution for the patients



## OptiCross™ Specification Comparison

	Boston Scientific		Terumo	Volcano		
	OptiCross	Atlantis™ SR Pro	View IT	Eagle Eye™ Gold	Eagle Eye™ Platinum	Revolution™
Transducer Design	Rotational	Rotational	Rotational	Phased array	Phased array	Rotational
Transducer Frequency	40 MHz	40 MHz	40 MHz	20 MHz	20 MHz	45 MHz
Guide Catheter Compatibility	5F/1.67 mm	6F/2.0 mm	5F/1.67 mm	5F/1.67 mm	5F/1.67 mm	6F/2.0 mm
Entry Profile	2.0F/0.67 mm	1.7F/0.57 mm	1.7F/0.57 mm	1.7F/0.57 mm	1.5F/0.5 mm	2.5F/0.83 mm
Transducer Profile	2.6F/0.87 mm	3.2F/1.07 mm	2.6F/0.87 mm	3.5F/1.17 mm	3.5F/1.17 mm	3.2F/1.07 mm
Proximal Shaft	3.0F/1 mm	3.6F/1.2 mm	3.2F/1.07 mm	2.7F/0.9 mm		3.5F/1.17 mm
Rail Length	1.6 cm	1.6 cm	1.9 cm	24 cm	24 cm	2.3 cm
Tip to Transducer distance	2.0 cm	2.6 cm	2.9 cm	1.0 cm	1.0 cm	3.0 cm
Prep Method	Proximal	Proximal	Proximal	None	None	Proximal

## 5F/1.67 mm GC Compatibility

5F/1.67 mm GC IVUS Catheter	5F/1.67 mm Convey/ Boston Scientific (I.D. = 0.058"/1.47 mm)	5F/1.67 mm HeartRail II/Teruma (I.D. = 0.059"/1.5 mm)	5F/1.67 mm Launcher/Medtronic (I.D. = 0.058"/1.47 mm)	5F/1.67 mm Vista Brite Tip/ Cordis (I.D. = 0.056"/1.42 mm)	Compatibility (ID/OD Computation)
OptiCross (Max OD + GW) (0.040" + 0.014"/1.016 mm + 0.356 mm)	0.054" < 0.058" 1.37 mm < 1.47 mm	0.054" < 0.059" 1.37 mm < 1.5 mm	0.054" < 0.058" 1.37 mm < 1.47 mm	0.054" < 0.056" 1.37 mm < 1.42 mm	Yes
Atlantis SR Pro (Max OD + GW) (0.047" + 0.014"/1.194 mm + 0.356 mm)	0.061" > 0.058" 1.55 mm > 1.47 mm	0.061" > 0.059" 1.55 mm > 1.5 mm	0.061" > 0.058" 1.55 mm > 1.47 mm	0.061" > 0.056" 1.55 mm > 1.42 mm	No
View IT (Max OD + GW) (0.042" + 0.014"/1.067 mm + 0.356 mm)	0.056" < 0.058" 1.42 mm < 1.47 mm	0.056" < 0.059" 1.42 mm < 1.5 mm	0.056" < 0.058" 1.42 mm < 1.47 mm	0.056" = 0.056" 1.42 mm = 1.42 mm	Yes
Eagle Eye (Max OD + GW) (0.042" + 0.014"/1.067 mm + 0.356 mm)	0.056" < 0.058" 1.42 mm < 1.47 mm	0.056" < 0.059" 1.42 mm < 1.5 mm	0.056" < 0.058" 1.42 mm < 1.47 mm	0.056" = 0.056" 1.42 mm = 1.42 mm	Yes
Revolution (Max OD + GW) (0.046" + 0.014"/1.168 mm + 0.356 mm)	0.060" > 0.058" 1.52 mm > 1.47 mm	0.060" > 0.059" 1.52 mm > 1.5 mm	0.060" > 0.058" 1.52 mm > 1.47 mm	0.060" > 0.056" 1.52 mm > 1.42 mm	No
IntraFocus (Max OD + GW) (0.042" + 0.014"/1.067 mm + 0.356 mm)	0.056" < 0.058" 1.42 mm < 1.47 mm	0.056" < 0.059" 1.42 mm < 1.5 mm	0.056" < 0.058" 1.42 mm < 1.47 mm	0.056" = 0.056" 1.42 mm = 1.42 mm	Yes

**OptiCross is compatible with major 5F/1.67 mm guide catheters, providing more treatment options to customers.**

## OptiCross Ordering Information

Product Code	Description
H749518120	OptiCross Catheter
H749MDU5PLUS0	MDU 5+ Motordrive
H749MDU5PLUSBAG0	MDU 5+ Sterile bag
H749A70200	Sterile pullback sled
H749002230	iLab 2.7 SW Update disk

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The Convey™ Guiding Catheter is manufactured by PendraCare International B.V. and distributed by Boston Scientific Corporation

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