

NC Emerge™

PTCA Dilatation Catheter

[Importance of Post-Dilatation](#)

[Economic Benefits of Post-Dilatation](#)

[Performance Overview](#)



Balloon Manufacturing Video: *Quest for the Better Balloon*

The Future Built on a Legacy

For decades, we have worked together to define the future. By bringing technology and performance together, we continue our commitment to evolving balloon catheter technology.

Key Resources

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Product Details


Addressing Balloon Growth and Deliverability Needs



Next Generation Non-Compliant Balloon

- Most non-compliant balloon of the devices tested¹

Enhanced Deliverability

- Pre-dilatation  [Need Help? Contact Us](#) t-dilatation balloon
- Ultra-low 0.0 on entry profile
- Excellent tip flexibility enabling you to access your most complex lesions²

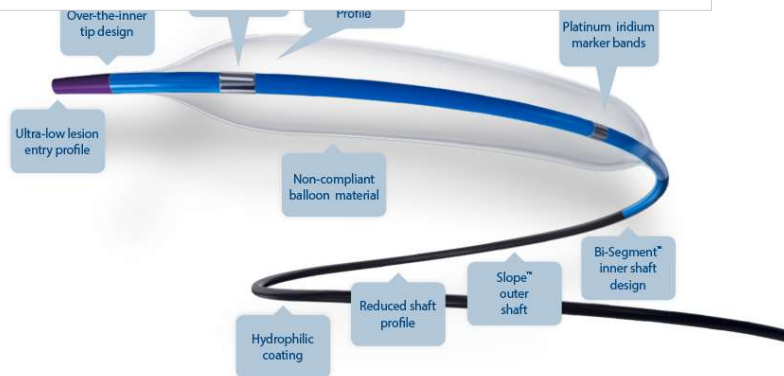
Excellent Simultaneous Use and Recross Performance

- Outstanding performance in simultaneous use compatibility and recrossability²

Additional Sizes - 5,5mm and 6,0mm

- Broadest size matrix on the market of the devices tested

NC Emerge is Boston Scientific's Most Advanced PTCA Catheter



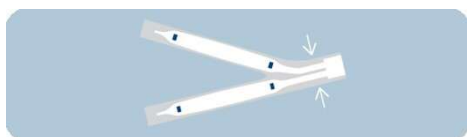
Ultra-low lesion entry point

- 0.017" lesion entry profile
- Improves overall flexibility and performance in tortuous anatomy



Over-the-inner tip design

- Outer tip material rides over the inner shaft
- Designed to improve overall flexibility and tip performance
- Short tip designed to lessen tip catch occurrence and offer greater control



Reduced shaft profile

- Designed for exceptional simultaneous use performance
- Allows for use of two Monorail™ catheters in a 6 F guide catheter and two Over-the-Wire catheters in an 8 F guide catheter³



Hydrophilic coating

- Reduced frictional force on the catheter shaft

Reduced crossing profile⁴

- 0.031" (0.787 mm) crossing profile



Bi-Segment™ inner shaft design

- Designed for maximum deliverability
- Both stiff and flexible segments to enhance pushability and trackability



Slope™ outer shaft

- One piece outer shaft provides a seamless transition
- Designed to optimize pushability
- Slope outer shaft on OTW devices



Non-compliant balloon material

- Designed for less balloon growth and increased rated burst pressure
- Unique blend of balloon materials provides excellent re-wrap



Platinum iridium marker bands

- Provides optimal radiopacity and excellent visibility

	Any 2 Blue are Simultaneous Use Compatible in a 6F Guide Catheter
	Any 1 Blue and 1 Light are Simultaneous Use Compatible in a 6F Guide Catheter
	No 2 Light Blue are Simultaneous Use Compatible in a 6G Catheter

Size Matrix

Monorail	Balloon Length					
Balloon Diameter (mm)	6 mm	8 mm	12 mm	15 mm	20 mm	30 mm
2	H7493927606200	H7493927608200	H7493927612200	H7493927615200	H7493927620200	H7493927630200
2.25	H7493927606220	H7493927608220	H7493927612220	H7493927615220	H7493927620220	H7493927630220
2.5	H7493927606250	H7493927608250	H7493927612250	H7493927615250	H7493927620250	H7493927630250
2.75	H7493927606270	H7493927608270	H7493927612270	H7493927615270	H7493927620270	H7493927630270
3	H7493927606300	H7493927608300	H7493927612300	H7493927615300	H7493927620300	H7493927630300
3.25	H7493927606320	H7493927608320	H7493927612320	H7493927615320	H7493927620320	H7493927630320
3.5	H7493927606350	H7493927608350	H7493927612350	H7493927615350	H7493927620350	H7493927630350
3.75	H7493927606370	H7493927608370	H7493927612370	H7493927615370	H7493927620370	H7493927630370
4	H7493927606400	H7493927608400	H7493927612400	H7493927615400	H7493927620400	H7493927630400
4.5	H7493927606450	H7493927608450	H7493927612450	H7493927615450	H7493927620450	
5	H7493927606500	H7493927608500	H7493927612500	H7493927615500	H7493927620500	
5.5		H7493927608550	H7493927612550	H7493927615550	H7493927620550	
6		H7493927608600	H7493927612600	H7493927615600	H7493927620600	

4. Crossing profile is defined as the maximum diameter found between the proximal end of the balloon and the distal tip of the catheter. Definition excerpted from FDA Guidance document titled, Class II Special Controls Guidance Document for Certain Percutaneous Transluminal Coronary Angioplasty (PTCA) Catheters.

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Careers

