Boston Scientific

Emerge™

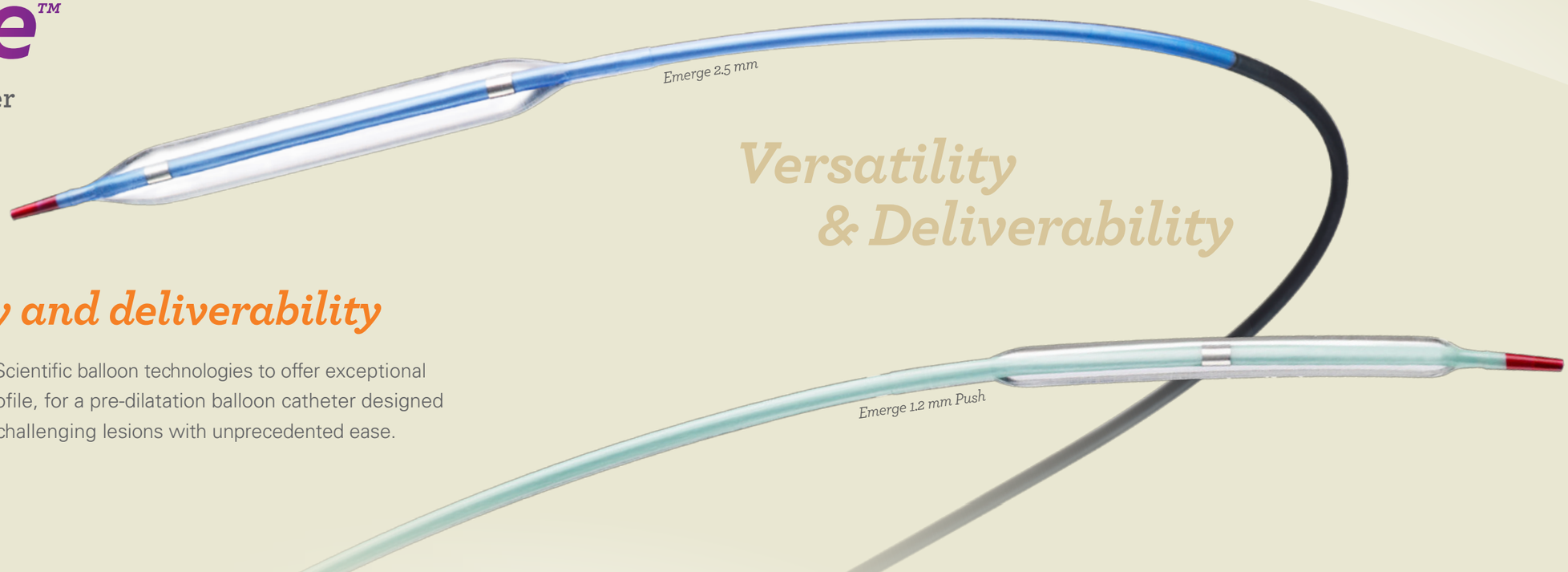
PTCA Dilatation Catheter

Lead the way.

CRV
Cardiology, Rhythm and Vascular

Emerge™

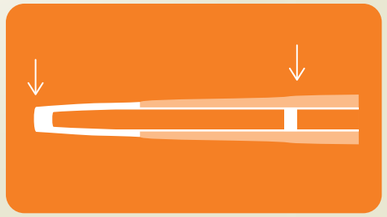
PTCA Dilatation Catheter



Versatility & Deliverability

Unites versatility and deliverability

Emerge combines the best of Boston Scientific balloon technologies to offer exceptional deliverability* with an ultra-low tip profile, for a pre-dilatation balloon catheter designed to navigate and cross even the most challenging lesions with unprecedented ease.

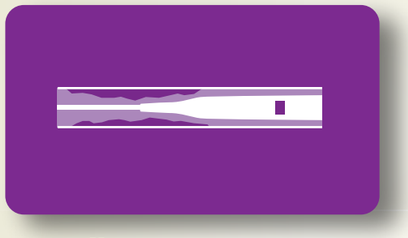


Balloon and Tip Design

- **Unique, over-the-inner tip design:** Outer tip material rides over the inner shaft material and is designed to improve overall flexibility and tip performance
- **Profiles:** Ultra-low 0.43 mm (0.017") tip profile 0.66 mm (0.026") crossing profile[1]
- **Balloon Material:** OptiLEAP™ balloon material provides sizing flexibility
- **Platinum Iridium marker bands** provide optimal radiopacity

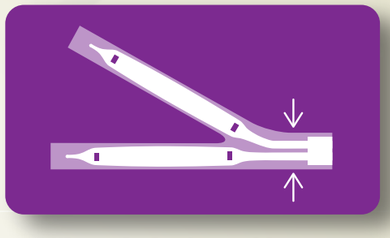
New Hydrophilic Coating

ZGlide™ hydrophilic coating reduces frictional force on the catheter shaft by 51% in bench tests[2]



Small 1.2 mm Size

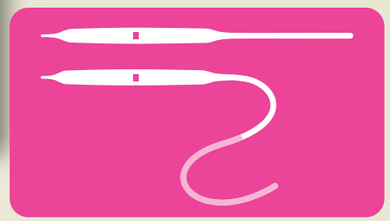
- **Exceptional deliverability** and low profiles designed to cross tight lesions
- **High rated burst pressure** 1824 kPa (18 ATM) for sizing flexibility
- **Two shaft designs** provide options for challenging lesions



Reduced Shaft Profile for Simultaneous Use

Emerge is designed for enhanced simultaneous use performance[3]

- **Shaft profile allows for simultaneous use** of two Monorail™ catheters in a 2 mm (6 F) guide catheter and two Over-the-Wire catheters in an 2.67 mm (8 F) guide catheter[4]



Dual Shaft Designs

Two shaft options with distinct technologies designed to provide flexibility for navigating to and through even the most challenging lesions

- **Push Technology:** Single-Segment inner shaft design for ultimate pushability (1.2 mm and 1.5 mm Push)
- **Workhorse Technology:** Bi-Segment inner shaft design for maximum deliverability without sacrificing pushability (1.2 mm to 4.0 mm)

Over-the-Wire and Monorail Model Options

Choose from Monorail or Over-the-Wire designs

- Available in sizes from 1.2 mm to 4.0 mm

*Data on file.

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Monorail™

	8 mm	12 mm	15 mm	20 mm	30 mm
1.20 mm	H7493919308120	H7493919312120	H7493919315120	H7493919320120	N/A
1.20 mm Push	H7493919408120	H7493919412120	H7493919415120	H7493919420120	N/A
1.50 mm	H7493919308150	H7493919312150	H7493919315150	H7493919320150	N/A
1.50 mm Push	H7493919408150	H7493919412150	H7493919415150	H7493919420150	N/A
2.00 mm	H7493919308200	H7493919312200	H7493919315200	H7493919320200	H7493919330200
2.25 mm	H7493919308220	H7493919312220	H7493919315220	H7493919320220	H7493919330220
2.50 mm	H7493919308250	H7493919312250	H7493919315250	H7493919320250	H7493919330250
2.75 mm	H7493919308270	H7493919312270	H7493919315270	H7493919320270	H7493919330270
3.00 mm	H7493919308300	H7493919312300	H7493919315300	H7493919320300	H7493919330300
3.25 mm	H7493919308320	H7493919312320	H7493919315320	H7493919320320	H7493919330320
3.50 mm	H7493919308350	H7493919312350	H7493919315350	H7493919320350	H7493919330350
3.75 mm	H7493919308370	H7493919312370	H7493919315370	H7493919320370	H7493919330370
4.00 mm	H7493919308400	H7493919312400	H7493919315400	H7493919320400	H7493919330400

Over-the-Wire

	8 mm	12 mm	15 mm	20 mm	30 mm
1.20 mm	H7493919508120	H7493919512120	H7493919515120	H7493919520120	N/A
1.20 mm Push	H7493919608120	H7493919612120	H7493919615120	H7493919620120	N/A
1.50 mm	H7493919508150	H7493919512150	H7493919515150	H7493919520150	N/A
1.50 mm Push	H7493919608150	H7493919612150	H7493919615150	H7493919620150	N/A
2.00 mm	H7493919508200	H7493919512200	H7493919515200	H7493919520200	H7493919530200
2.25 mm	H7493919508220	H7493919512220	H7493919515220	H7493919520220	H7493919530220
2.50 mm	H7493919508250	H7493919512250	H7493919515250	H7493919520250	H7493919530250
2.75 mm	H7493919508270	H7493919512270	H7493919515270	H7493919520270	H7493919530270
3.00 mm	H7493919508300	H7493919512300	H7493919515300	H7493919520300	H7493919530300
3.25 mm	H7493919508320	H7493919512320	H7493919515320	H7493919520320	H7493919530320
3.50 mm	H7493919508350	H7493919512350	H7493919515350	H7493919520350	H7493919530350
3.75 mm	H7493919508370	H7493919512370	H7493919515370	H7493919520370	H7493919530370
4.00 mm	H7493919508400	H7493919512400	H7493919515400	H7493919520400	H7493919530400

To find out more about Emerge™, use your smartphone to scan this code.

[1] 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. Emerge 0.66 mm (0.026") crossing profile measured on 1.5 mm (n = 5) and 1.2 mm (n = 4) devices.

Testing completed by Boston Scientific Corporation. Bench test results may not necessarily be indicative of clinical performance. Data on file.

[2] Testing completed on 2.5 x 15 mm Emerge product (n = 18) and 2.5 x 20 mm Apex product (n = 14).

[3] Testing completed on Monorail product. Emerge 2.5 x 15 mm (n = 16), Sprinter Legend 2.5 x 15 mm (n = 16), and Trek 2.5 x 15 mm (n = 16).

[4] 2 mm (6 F) guide catheter minimum 1.78 mm (0.070") ID, 2.67 mm (8 F) guide catheter minimum 2.2 mm (0.088") ID.

Boston Scientific

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IC69703 - AA March 2012 - Printed in the Netherlands by DeBudelse/creativeservices.