

Euphora™

Semicompliant Balloon
Dilatation Catheter



THE DEFINING
MOMENT
WHEN
TECHNOLOGY
MATCHES
EXPERTISE



Medtronic
Further, Together

The Euphora™ semicompliant balloon dilatation catheter complements your expertise and provides uncompromising performance in the moment you need it most.

**DESIGN
ADVANCES**
WERE INSPIRED
BY **CUSTOMER
NEEDS** AND
INSIGHT



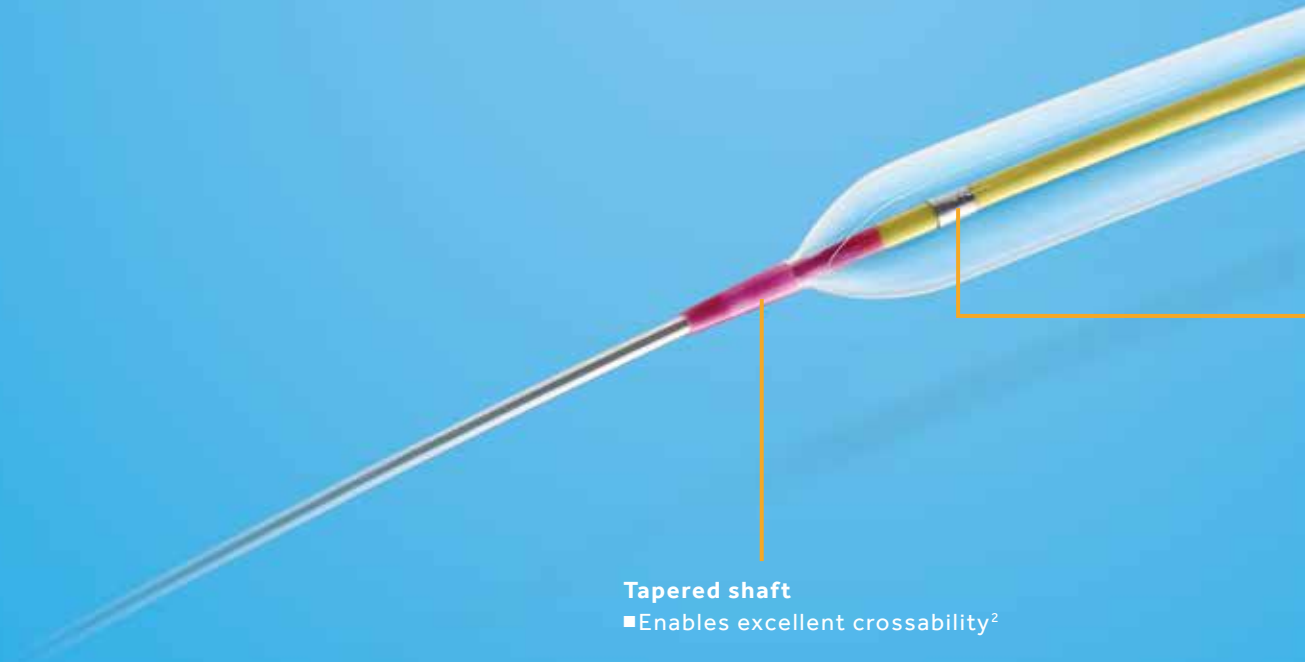
We sought input from nearly 2000 interventional cardiologists and cath lab professionals at Medtronic-sponsored technology exchanges, advisory board meetings, scientific forums, training events, and peer-to-peer educational seminars.

Then, with **specific design targets** in mind, we deliberately developed each balloon component to exceed your expectations and complement your expertise.

In tough cases, you can feel confident that our Euphora balloon **will deliver**.

EACH ELEMENT WAS DESIGNED FOR **UNSURPASSED PERFORMANCE**¹

From materials to design, every Euphora™ balloon component was developed to provide superior deliverability¹ to maximize pushability and crossability.

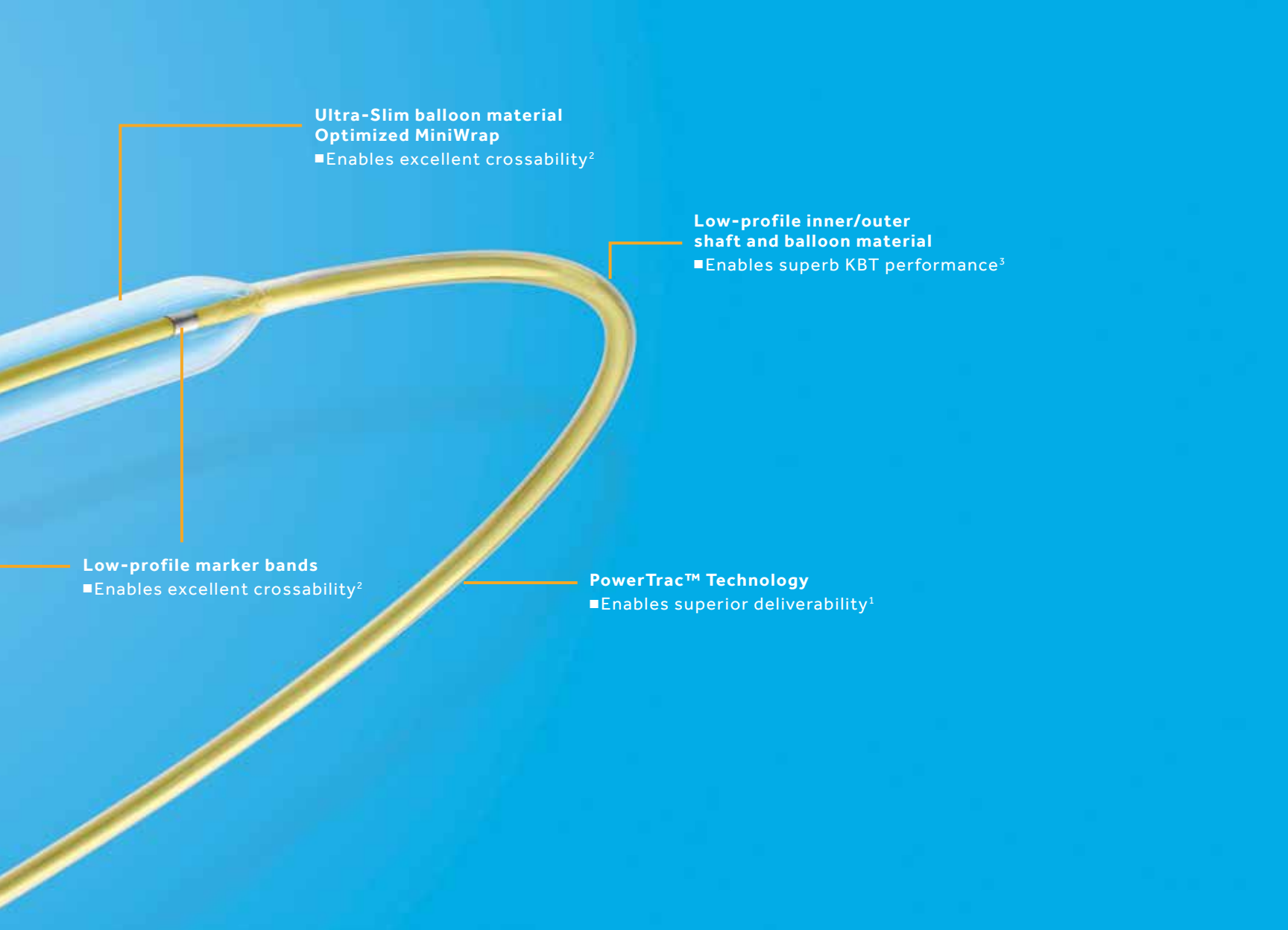


¹Bench testing vs. Trek™*, Emerge™*, and Sprinter™ Legend™ balloons. 2.50-mm x 15-mm balloons tested.

²Comparison between 2.50-mm x 15-mm Euphora™ and Sprinter™ Legend™ balloons.

³Based on 6 F KBT testing. 3.75-mm and 4.00-mm Euphora™ rapid exchange balloon models are not suitable for simultaneous use within a 2-mm (6 F/MGCID 1.8-mm [0.070"]) guide catheter.

Bench test data may not be indicative of clinical performance.



**Ultra-Slim balloon material
Optimized MiniWrap**

■ Enables excellent crossability²

**Low-profile inner/outer
shaft and balloon material**

■ Enables superb KBT performance³

Low-profile marker bands

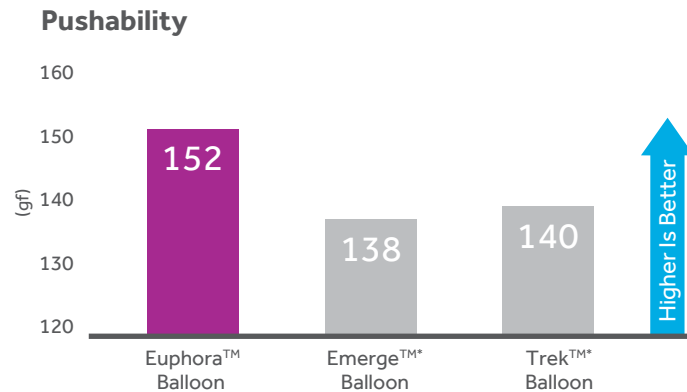
■ Enables excellent crossability²

PowerTrac™ Technology

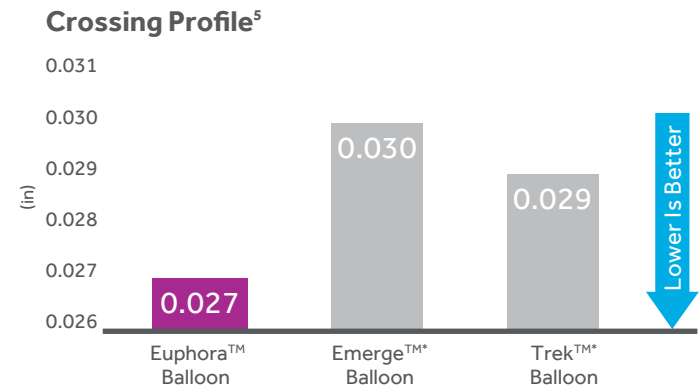
■ Enables superior deliverability¹

Advanced design provides superior deliverability⁴

Significantly greater push force for challenging lesions⁴



Lowest crossing profile for unmatched crossability against key competitors⁴



⁴Bench testing vs. Trek™* and Emerge™* balloons. 2.50-mm x 15-mm balloons tested.

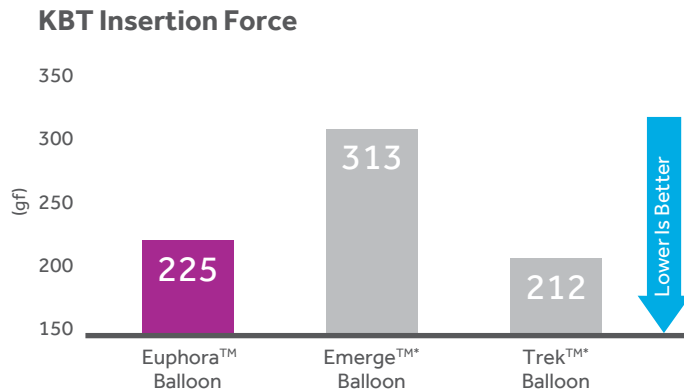
⁵Crossing profile is a measure of the distal balloon crossing profile.

Bench test data may not be indicative of clinical performance.

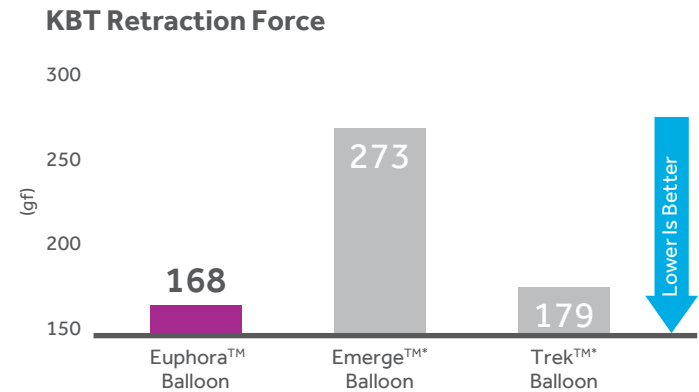
Superb KBT performance⁶



28% less insertion force compared with Emerge™* balloon⁶



38% less retraction force compared with Emerge™* balloon⁶



⁶Based on 6 F KBT testing, 2.50-mm x 15-mm balloons tested. 3.75-mm and 4.00-mm Euphora™ rapid exchange balloon models are not suitable for simultaneous use within a 2-mm (6 F/MGCID 1.8-mm [0.070"]) guide catheter. Bench test data may not be indicative of clinical performance.

OUR **INVESTMENT IN YOU** AND YOUR TEAM EXTENDS BEYOND OUR PRODUCTS

We are committed to providing services and education that meet the needs of your entire cath lab team.

Join us and be one of the thousands of physicians and cath lab professionals who benefit each day by our broad range of offerings.

2013 US programs

CATH LAB
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MEETINGS

7 PROGRAMS

316

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MANAGER
SUMMITS

9 PROGRAMS

484

ATTENDEES

TRANSRADIAL
PRECEPTORSHIP
AND PROCTORSHIP
PROGRAMS

46 PROGRAMS

94

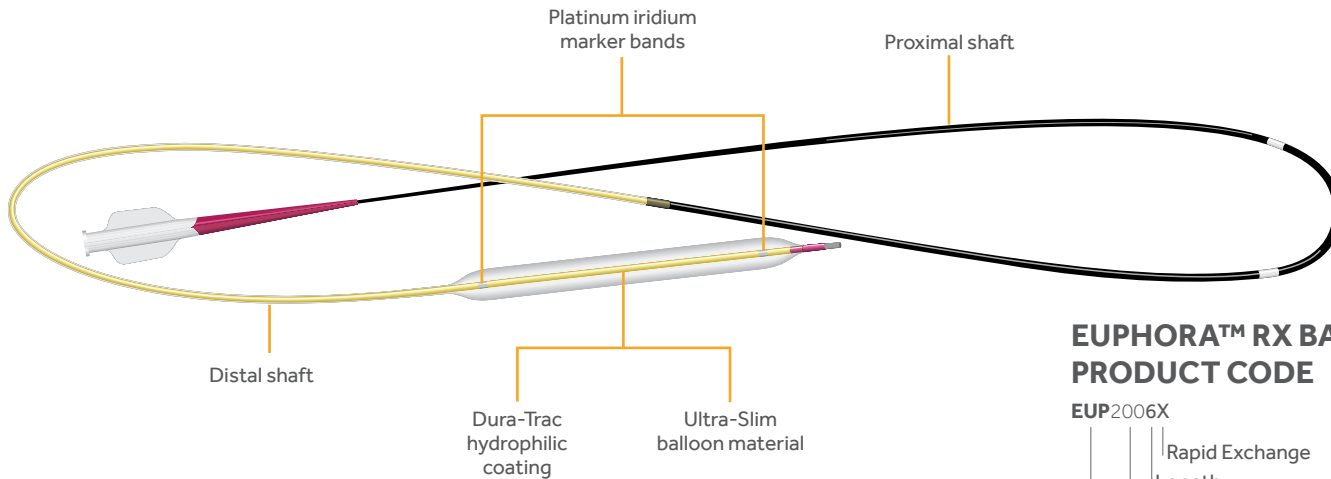
ATTENDEES

MEDICAL
FACULTY
EDUCATOR
PROGRAMS

311 PROGRAMS

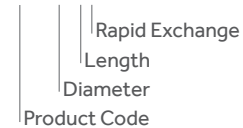
7700

ATTENDEES



EUPHORA™ RX BALLOON PRODUCT CODE

EUP2006X



TECHNICAL INFORMATION

Catheter length	142 cm
Platinum iridium	1.50 mm single
Marker bands	2.00–4.00 mm double
Coating	Selective Dura-Trac
Balloon material	Ultra-Slim

MiniWrap	1.50 mm, 2 folds 2.00–3.50 mm, 3 folds 3.75–4.00 mm, 5 folds
Shaft dimensions for 1.50–3.50 mm	Proximal 0.69 mm (2.1 F) Distal 0.84 mm (2.5 F)
Shaft dimensions for 3.75–4.00 mm	Proximal 0.69 mm (2.1 F) Distal 0.91 mm (2.7 F)

MGCID	1.42 mm/0.056 in
1.50–4.00 mm	
Nominal pressure	8 atm
RBP	14 atm
Fatigue capability (cycles to RBP)	20
Lesion entry profile	0.016 in

ORDERING INFORMATION

Balloon Diameter (mm)	Balloon Length (mm)						
	06	10	12	15	20	25	30
1.50	EUP1506X	EUP1510X	EUP1512X	EUP1515X	EUP1520X	—	—
2.00	EUP2006X	EUP2010X	EUP2012X	EUP2015X	EUP2020X	EUP2025X	EUP2030X
2.25	EUP22506X	EUP22510X	EUP22512X	EUP22515X	EUP22520X	EUP22525X	—
2.50	EUP2506X	EUP2510X	EUP2512X	EUP2515X	EUP2520X	EUP2525X	EUP2530X
2.75	EUP27506X	EUP27510X	EUP27512X	EUP27515X	EUP27520X	EUP27525X	—
3.00	EUP3006X	EUP3010X	EUP3012X	EUP3015X	EUP3020X	EUP3025X	EUP3030X
3.25	EUP32506X	EUP32510X	EUP32512X	EUP32515X	EUP32520X	EUP32525X	—
3.50	EUP3506X	EUP3510X	EUP3512X	EUP3515X	EUP3520X	EUP3525X	EUP3530X
3.75	EUP37506X	EUP37510X	EUP37512X	EUP37515X	EUP37520X	EUP37525X	—
4.00	EUP4006X	EUP4010X	EUP4012X	EUP4015X	EUP4020X	EUP4025X	EUP4030X

COMPLIANCE DATA

Pressure (atm)	Average Balloon Diameter (mm)									
	1.50	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00
6	1.49	2.03	2.27	2.50	2.70	2.92	3.17	3.39	3.66	3.88
7	1.51	2.05	2.30	2.52	2.73	2.95	3.21	3.43	3.70	3.93
8	1.52	2.07	2.32	2.55	2.77	2.99	3.25	3.48	3.75	3.99
9	1.54	2.09	2.35	2.58	2.80	3.03	3.30	3.53	3.80	4.04
10	1.55	2.12	2.38	2.61	2.84	3.06	3.34	3.58	3.85	4.10
11	1.57	2.14	2.41	2.64	2.87	3.10	3.38	3.62	3.90	4.14
12	1.58	2.17	2.43	2.67	2.91	3.14	3.42	3.67	3.95	4.19
13	1.60	2.19	2.46	2.70	2.94	3.17	3.46	3.71	4.00	4.23
14	1.61	2.22	2.49	2.73	2.98	3.21	3.51	3.76	4.05	4.28
15	1.62	2.25	2.52	2.76	3.02	3.25	3.56	3.81	4.10	4.33
16	1.64	2.28	2.56	2.79	3.06	3.29	3.61	3.86	4.16	4.38
17	1.65	—	2.60	2.83	3.11	3.34	3.66	3.91	4.22	4.43

Nominal pressure

Rated burst pressure¹

¹Rated burst pressure—do not exceed.

Nominal pressure: the pressure at which the balloon reaches its labeled diameter

Rated burst pressure: the maximum pressure to which a balloon is designed to be inflated

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For further information, please call and/or consult Medtronic at the toll-free numbers or websites listed.

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Product Services
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Fax: 800.838.3103

medtronic.com

IMPORTANT INFORMATION: Prior to use, refer to the product *Instructions for Use* supplied with these devices for indications, contraindications, side effects, suggested procedure, warnings and precautions.

CAUTION: Federal (USA) law restricts these devices to sale by or on the order of a licensed healthcare practitioner. See package inserts for full product information.

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