

HYPER

Occlusion
Balloons

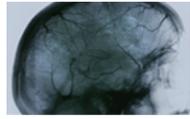
27 POZ
28 POZ

ev3 Hyper Balloon Portfolio.
CONFORMANCE.
COVERAGE.
CONFIDENCE.



The Versatile Hyper™ Balloon Portfolio

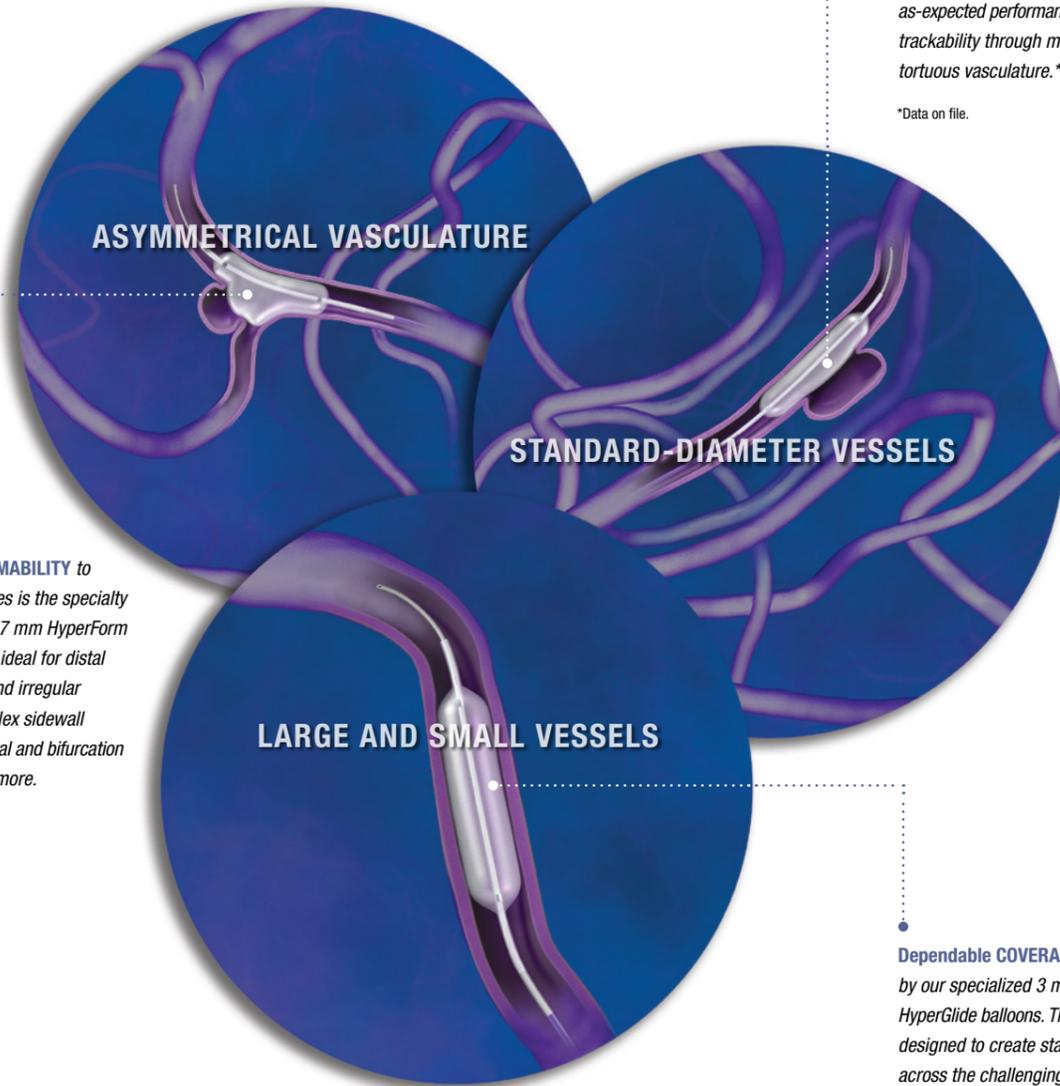
WORKING WHEREVER YOU ARE.



When it comes to complex neurovascular procedures, at ev3 we know that “close enough” isn’t good enough. That’s why we offer the industry’s most complete line of balloons, in a range of sizes, lengths, and conformabilities. So, when you reach for an ev3 balloon—as you have for years—you know you’ve got a product optimized for the job at hand. From the familiar 4 mm HyperGlide™ to our specialized 3 mm and 5 mm solutions, to the highly conformable 4 mm and 7 mm HyperForm™, the legacy of design, performance, and constant innovation throughout the Hyper Balloon family puts unequaled confidence and peace of mind close at hand.

• **Universal CONFIDENCE** is delivered by the 4 mm HyperGlide’s versatility, as-expected performance, and outstanding trackability through multiple turns and tortuous vasculature.*

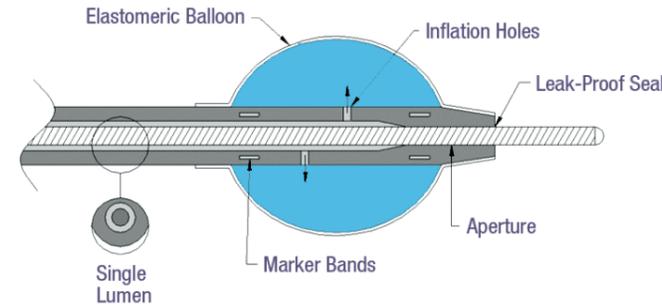
*Data on file.



• **Supple CONFORMABILITY** to complex structures is the specialty of our 4 mm and 7 mm HyperForm balloons. They’re ideal for distal access, unique and irregular anatomies, complex sidewall structures, terminal and bifurcation geometries, and more.

• **Dependable COVERAGE** is provided by our specialized 3 mm and 5 mm HyperGlide balloons. They’re specifically designed to create stable occlusion across the challenging diameters encountered in large and small vessels.

NEUROVASCULAR CHALLENGES ARE NUMEROUS. SO ARE OUR SOLUTIONS.



ev3 balloons are designed and optimized expressly for neurovascular procedures. Not cardiac. Not peripheral. And they are definitely not meant to be a “one size fits all” universal solution, with all the inevitable compromises. Instead, our balloons are specifically engineered for the extreme tortuosity, miniature vessels, and delicate handling required in neurovascular anatomies.

That’s why every ev3 balloon has a single lumen design. Compared to stiffer, more dense dual lumen balloons, our single lumen design has been extensively tested and proven to deliver a number of advantages which can contribute to confident, successful neurovascular procedures, and improved outcomes.

Application / Characteristics	HG 3.0	HG 4.0	HG 5.0	HF
Balloon Test Occlusion	•	•	•	•
Balloon Assisted Coiling		•	•	•
Variety of Vessel Sizes	•	•	•	•
Aneurysm Seal		•	•	
Atraumaticity	•	•	•	•
Distal Access	•	•		
Enhanced Stability			•	
Conformability				•
Onyx™ Compatibility	•	•	•	•
Vasospasm Treatment	•	•	•	•

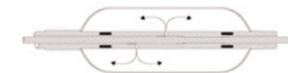
HYPER BALLOON FAMILY ADVANTAGES

- **Single lumen design benefits**
 - Less dense balloon catheter
 - Excellent trackability through multiple turns
 - Excellent flexibility
 - Mechanical seal for controlled, confident air management
- **Largest portfolio of sizes and lengths**
 - 4 x 7, 7 x 7
 - 4 x 10, 4 x 15, 4 x 20, 4 x 30
 - 3 x 10, 3 x 15
 - 5 x 15, 5 x 20
- **Small-profile 2 mm distal tip for atraumatic access**
- **Compatible with Onyx™ Liquid Embolic System**
- **Compatible with X-Pedion™ (included with every Hyper Balloon)**

HyperForm™ Occlusion Balloons are designed with extra softness to conform to asymmetrical, irregular, and complex vasculature geometries like none other.



HyperGlide™ Occlusion Balloons are oblong compliant balloons designed for sidewall aneurysms and reliable occlusions.



With over 85,000 Hyper Balloons sold worldwide since 2003, we created the category — and continue to dominate it.

- 2001 HyperGlide 4.0 Worldwide Launch
- 2002 HyperForm Worldwide Launch
- 2006 Over 25,000 Balloons Sold
- 2009 Over 85,000 Balloons Sold
- 2009 HyperGlide 5.0 Worldwide Launch
- 2010 HyperGlide 3.0 Worldwide Launch

Hyper™ Balloon Portfolio Specifications

HyperForm™ Occlusion Balloon System

Model No.	Usable Length (cm)	Balloon Diameter (mm)	Balloon Length (mm)	Tip Length (mm)	Proximal OD (FR)	Distal OD (FR)	Guidewire (in)
104-4470	150	4	7	2	2.8	2.5	.010
104-4770	150	7	7	2	2.8	3.0	.010

HyperGlide™ Occlusion Balloon System

Model No.	Usable Length (cm)	Balloon Diameter (mm)	Balloon Length (mm)	Tip Length (mm)	Proximal OD (FR)	Distal OD (FR)	Guidewire (in)
104-4310	150	3	10	4	2.8	2.2	.010
104-4315	150	3	15	4	2.8	2.2	.010
104-4113	150	4	10	4	2.8	2.2	.010
104-4112	150	4	15	4	2.8	2.2	.010
104-4127	150	4	20	4	2.8	2.2	.010
104-4132	150	4	30	4	2.8	2.2	.010
104-4515	150	5	15	4	2.8	2.2	.010
104-4520	150	5	20	4	2.8	2.2	.010

Indications, contraindications, warnings, and instructions for use can be found in the product labeling supplied with each device. HyperGlide, HyperForm, Onyx, and X-Pedion are trademarks of ev3 Inc.

NEUROVASCULAR | PERIPHERAL VASCULAR

Access · Balloons · Embolic Coils · Embolic Protection · Flow Diversion · Flow Restoration · Liquid Embolics · Plaque Excision · Procedural Support · Remodeling Devices · Retrieval Devices · Stents

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