

TRANSFORMATIVE  
**TECHNOLOGY.**  
**AT YOUR FINGERTIPS.**



Hyper Occlusion Balloon Portfolio

**Medtronic**  
Further, Together

# WHEN CLOSE ENOUGH ISN'T GOOD ENOUGH - AND EVERY SECOND COUNTS.

Complex neurovascular procedures need the right neuro balloon at the right time. That's why we created a complete line of neuro balloons in a range of sizes, lengths and conformabilities for different situations.

Our Hyper balloon portfolio augments our legacy of design, performance and continuous innovation - delivering solutions for today's neurovascular challenges.

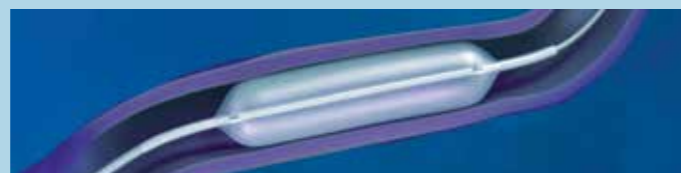
## Confidence in Asymmetrical Vasculature.

Apply supple conformity to complex structures. Our neuro balloons are ideal for distal access, and unique and irregular anatomies, such as bifurcation geometries.<sup>1,2,3,4,8,9</sup>



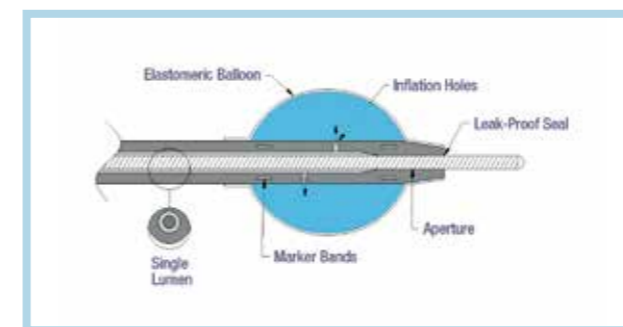
## Stability in Large and Small Vessels.

Discover dependable coverage specifically designed to create stable occlusion across the challenging diameters encountered in large and small vessels.<sup>1,2,4,5,6,7,8,9</sup>



## SOLVING NEUROVASCULAR CHALLENGES. TOGETHER

Together, we can transform healthcare. At Medtronic, we understand you need balloons that are specifically engineered for support, pushability, outstanding navigation, high conformability. We help address your neurovascular challenges with Hyper balloons that are designed and optimized for a wide variety of neurovascular procedures.<sup>1-10</sup>



We deliver on our commitment to improve lives. Every Hyper balloon has a single lumen design.<sup>5</sup> Our single lumen design delivers a number of advantages for your procedures. These include:

- **Manueverability through multiple turns**<sup>2,7,8</sup>
- **Excellent trackability and torqueability to distal anatomy**<sup>6,7,8</sup>
- **Mechanical seal for controlled, confident inflation management**<sup>1,2,4,6,7,8,9</sup>

## COMPATIBILITY

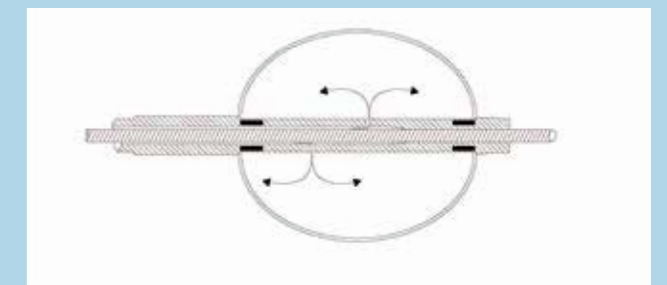
Our HyperForm™ and HyperGlide™ occlusion balloons are designed to be compatible with:

- Onyx™ liquid embolic system<sup>6,7,10</sup>
- X-Pedion™ 10 guidewire (included with every Hyper balloon)<sup>2,7,8,9</sup>

## HyperForm™ Occlusion Balloons

Full line of super compliant neuro balloons for optimal sizing.

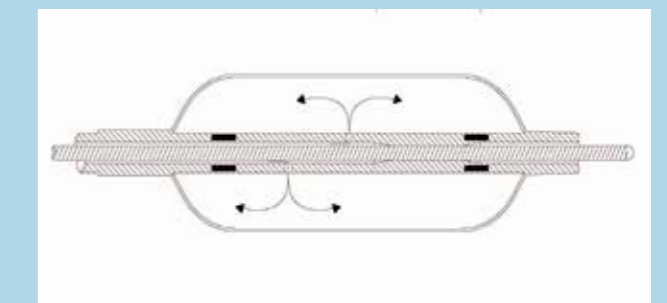
Our HyperForm™ occlusion balloons are created with extra softness to conform to asymmetrical, irregular and complex vasculature geometries.<sup>1,2,3,4,6,9</sup>



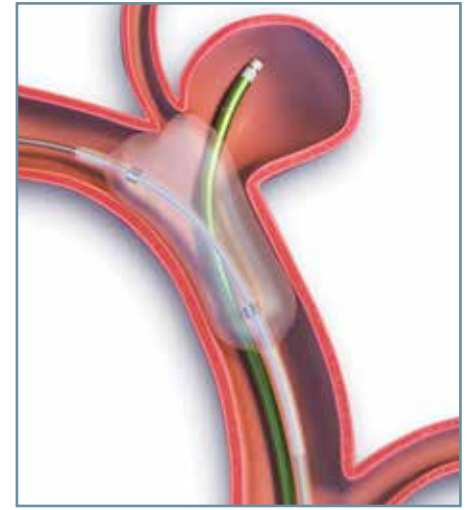
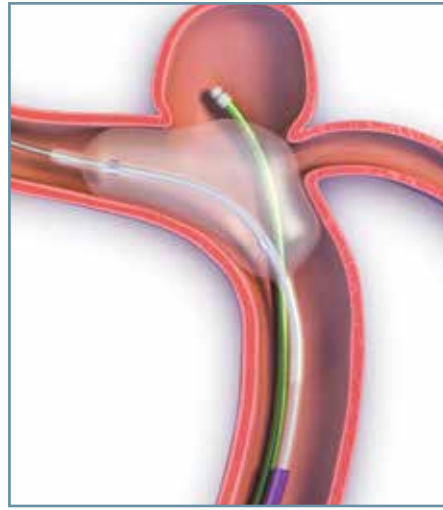
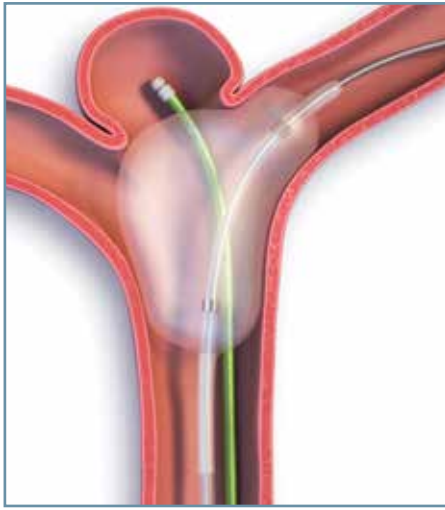
## HyperGlide™ Occlusion Balloons

Full line of compliant neuro balloons for optimal sizing.

Our HyperGlide™ occlusion balloons are oblong compliant balloons designed for sidewall aneurysms and reliable occlusions.<sup>6,7,8,9</sup>



Medtronic is committed to supporting you in achieving confident, successful neurovascular procedures and improved outcomes for every patient.



### 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)
104-4370	150	3	7	2	2.8	2.2	.010
104-4153	150	3	15	2	2.8	2.2	.010
104-4470	150	4	7	2	2.8	2.5	.010
104-4415	150	4	15	2	2.8	2.5	.010
104-4420	150	4	20	2	2.8	2.5	.010
104-4770	150	7	7	2	2.8	3.0	.010
104-4715	150	7	15	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
104-4530	150	5	30	4	2.8	2.2	.010

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1. TR10-214A  
 2. TR01-037A  
 3. TR01-066A  
 4. TR01-082A

5. 70549-001D 08-16 IFU  
 6. TR02-035A  
 7. FD1024A  
 8. TR01-120A

9. TR09-093A  
 10. TR01-021A

The ev3 Occlusion Balloon Catheters are indicated for use in blood vessels of the peripheral and neuro vasculature where temporary occlusion is desired. These catheters offer a vessel selective technique of temporary vascular occlusion, which is useful in selectively stopping or controlling blood flow; the Occlusion Balloon Catheters may also be used in balloon-assisted embolization of intracranial aneurysms. Indications, contraindications, warnings and instructions for use can be found on the product labeling supplied with each device.

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