



FLEX & CONFORM

QuadraSphere®
Microspheres

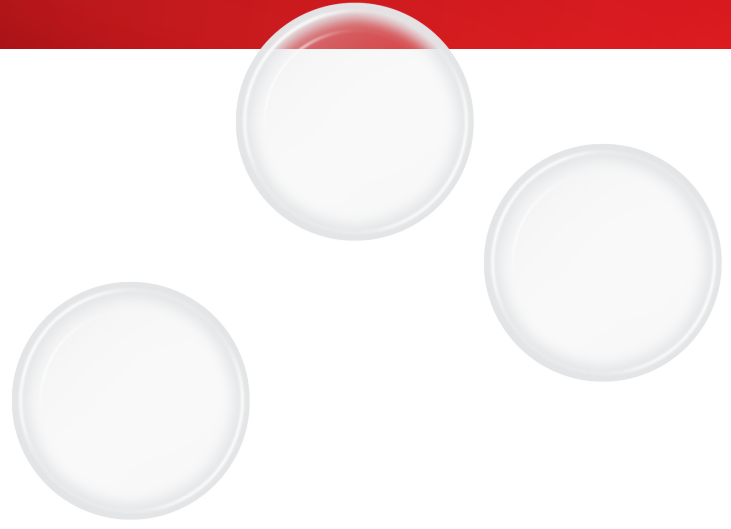
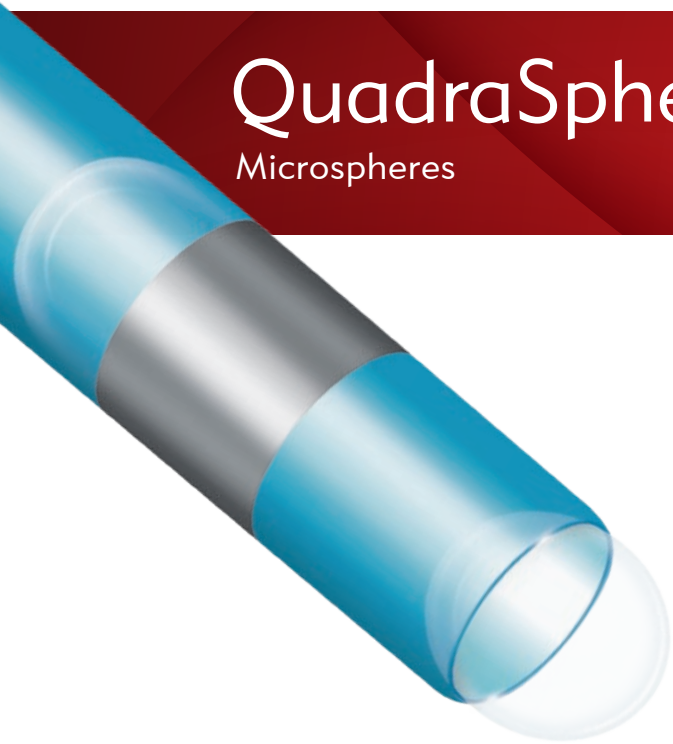
Experience the power of conformability.



NEW SMALLER SIZE

QuadraSphere[®]

Microspheres



PREDICTABLE, FLOW-DIRECTED TARGETING

QuadraSphere[®] Microspheres are calibrated, hydrophilic, and compress up to 80% to facilitate smooth microcatheter delivery. Once through the microcatheter, they rebound to their stated spherical shape with a consistent cross-sectional diameter for predictable, flow-directed targeting.

TARGETED OCCLUSION

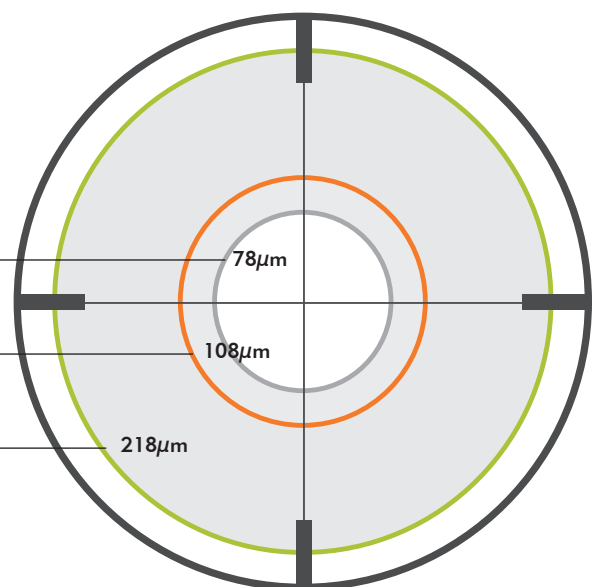
The in vivo median diameter of occluded arteries is significantly different between sizes of QuadraSphere Microspheres,* providing targeted occlusion.

Median Diameter of Occluded Arteries

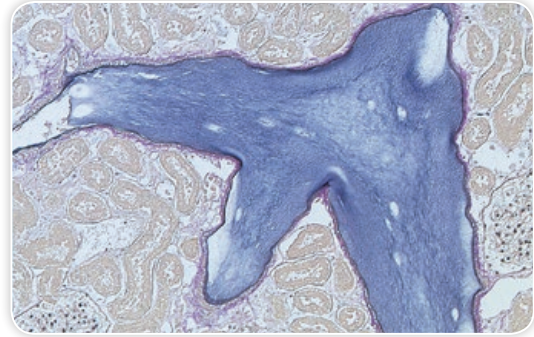
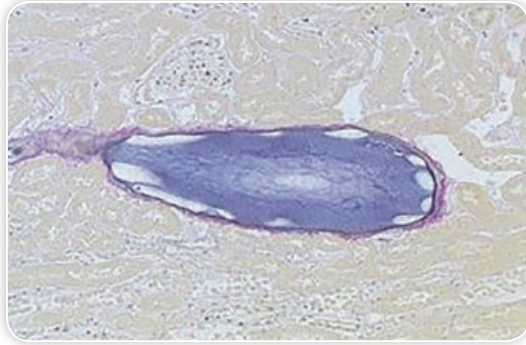
QuadraSphere Q2[™] 20-40 μ m

QuadraSphere 30-60 μ m

QuadraSphere 50-100 μ m



*Swine liver embolization model study performed for Merit Medical. QuadraSphere Microspheres prepared in 50/50 mixture of saline/contrast.

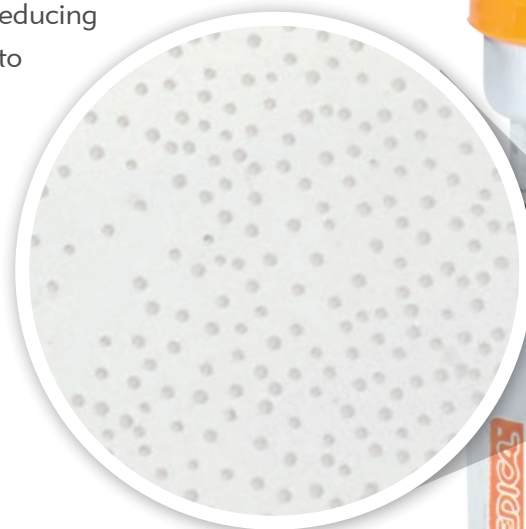


In vivo photomicrographs courtesy of Dr. Keigo Osuga

EXPERIENCE THE POWER OF CONFORMABILITY

QuadraSphere Microspheres are soft and easily conform to the vessel lumen for complete occlusion:

- Decreasing the risk of vessel recanalization¹
- Enabling greater tumor necrosis^{2,3}
- Providing optimal contact between the vessel wall and microsphere surface^{1,4}
- Enhancing the embolic effect, reducing the amount of product needed to reach embolization endpoint¹



Referred to as super-absorbent polymer (SAP) microspheres, QuadraSphere Microspheres are packaged dry, but once exposed to aqueous-based media, they swell to approximately 4x the size printed on the product label.



QuadraSphere[®]

Microspheres

TRUSTED AND ESTABLISHED

QuadraSphere Microspheres are a recognized and accepted platform for targeted liver embolization. QuadraSphere Microspheres are indicated for:

- Hepatoma
- Hypervascular Tumors
- Arteriovenous Malformations



NEW SIZE

ORDERING INFORMATION

	QuadraSphere Q2 Microspheres	QuadraSphere Microspheres			
Dry Size (μm)	20-40	30-60	50-100	100-150	150-200
Hydrated Size (μm)	80-160	120-240	200-400	400-600	600-800
Color Code	Gray	Orange	Green	Blue	Purple
Order Number	V125QS	V225QS	V325QS	V525QS	V725QS

QuadraSphere Microspheres are packaged dry; 25mg per vial; 1 vial per box. Must be reconstituted before use.

References

1. Bilbao JI, de Luis E, Garcia de Jalón JA, et al. Comparative study of four different spherical embolic particles in an animal model: a morphologic and histologic evaluation. J Vasc Interv Radiol 2008 Nov;19(11):1625-38.
2. Lee KH, Liapi E, Vossen JA, et al. Distribution of iron oxide-containing Embosphere particles after transcatheter arterial embolization in an animal model of liver cancer: evaluation with MR imaging and implication for therapy. J Vasc Interv Radiol 2008 Oct;19(10):1490-6.
3. Wang YXJ, De Baere, Idée JM, et al. Transcatheter embolization therapy in liver cancer: an update of clinical evidences. Chin J Cancer Res 2015;27(2):96-121
4. Van Malenstein H, Maleux G, Vandecaveye V, et al. A randomized phase II study of drug-eluting beads versus transarterial chemoembolization for unresectable hepatocellular carcinoma. Onkologie 2011;34(7):368-76.

Before using refer to Instructions for Use for indications, contraindications, warnings, precautions, and directions for use.



Understand. Innovate. Deliver.™

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