



 **Embosphere[®]**
MICROSPHERES



MERTMEDICAL[™]



BioSphere[®]
Medical



Material Results in Embolization

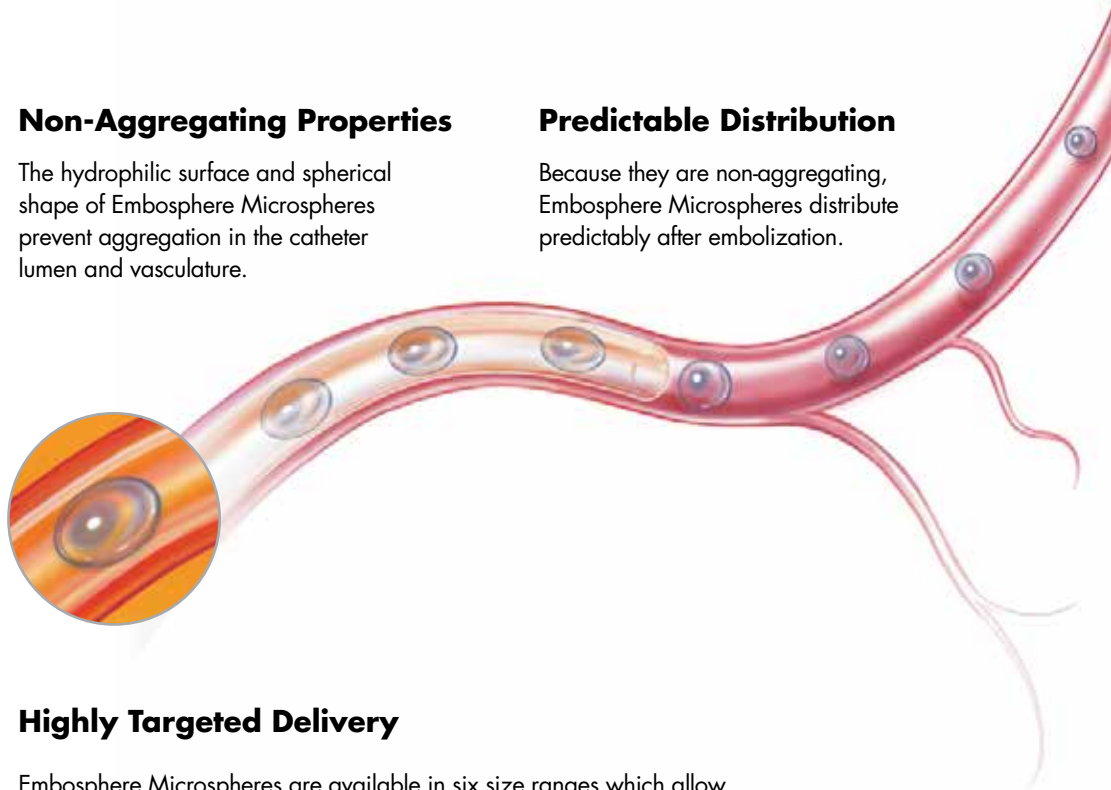
Embosphere Microspheres' unique nonresorbable, resilient, and cell adhesion properties provide unparalleled durability and ease of use.

Non-Aggregating Properties

The hydrophilic surface and spherical shape of Embosphere Microspheres prevent aggregation in the catheter lumen and vasculature.

Predictable Distribution

Because they are non-aggregating, Embosphere Microspheres distribute predictably after embolization.



Highly Targeted Delivery

Embosphere Microspheres are available in six size ranges which allow physicians to target the microvasculature of the tumor and shut down the feeder network while maintaining patency of the major artery feeding the organ.

40-120 μm

100-300 μm

300-500 μm

500-700 μm

700-900 μm

900-1200 μm

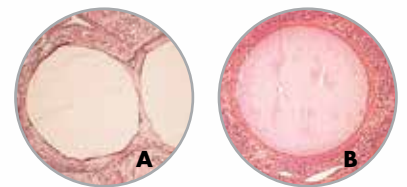
The Clear Choice for Embolization

Durable Occlusion

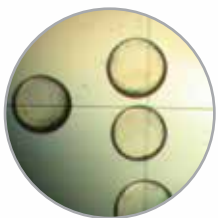
Embosphere Microspheres are biocompatible and nonresorbable with cell adhesion properties for complete and durable mechanical occlusion.

Compressible and Resilient Material

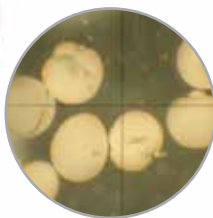
Elastic properties allow temporary compression of up to 33%, facilitating smooth passage, even through microcatheters. Resilient material returns to stated diameter after delivery, contributing to durable and targeted results.



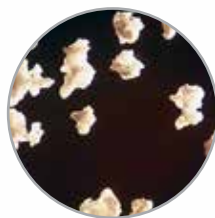
Microsphere six months (A) and six years (B) after embolization of facial AVM.



**Embosphere
Microspheres**



sPVA



nsPVA

Consistent Shape

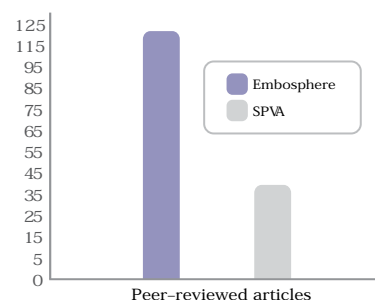
Embosphere Microspheres exhibit a consistent cross-sectional diameter for targeted delivery. Their round shape matches the vessel lumen to help ensure occlusion.

Backed by Research

- Most clinically studied round embolic
- More than 120 clinical articles*—far more than all other round embolics combined
- Consistent and durable prospective clinical results with over 10 years of clinical experience
- Technology used in over 200,000 procedures worldwide

*As of April 2012

Extensive Clinical History



Embosphere Microspheres

The Clinically Proven Round Embolic

"Given the known risk of recurrence in patients with persistent tumor enhancement after UAE, it is concluded that tris-acryl gelatin microspheres should be the preferred agent for UAE at this time."

Siskin GP, et al. "Leiomyoma Infarction after Uterine Artery Embolization: A Prospective Randomized Study Comparing Tris-acryl Gelatin Microspheres versus Polyvinyl Alcohol Microspheres."
J Vasc Interv Radiol 2008; 19: 58-65.

"The primary embolic agent used was calibrated microspheres in 73% of cases (either Embosphere or Embosphere Gold, Biosphere Medical, Rockland, MA)..."

Worthington-Kirsch R, et al. "The Fibroid Registry for Outcomes Data (FIBROID) for Uterine Embolization - Short Term Outcomes."
Obstet & Gynecol 2005; 106: 52-9.

"[Patients] treated with TAGM were significantly more likely to have complete infarction of all leiomyomas...The use of spherical PVA particles in the manner described herein results in an unacceptably high rate of failed tumor infarction in UAE."

Spies JB, et al. "Spherical Polyvinyl Alcohol Versus Trisacryl Gelatin Microspheres for Uterine Artery Embolization for Leiomyomas: Results of a Limited Randomized Comparative Study."
J Vasc Interv Radiol 2005;16:1431-7.

"Over the long term, UFE using TAGM is effective and safe, with high levels of durable symptom control, improved health-related quality of life and patient satisfaction."

Spies JB, et al. "Long-Term Outcome from Uterine Fibroid Embolization Using Tris-Acryl Gelatin Microspheres."
J Vasc Interv Radiol 2007; 18: 203-7.



Embolization Efficacy

Angiographic Results You Can Trust

Embosphere Microspheres, the most clinically studied round embolic, provide consistent and predictable results for effective embolization.

With Embosphere Microspheres, you get the durable and consistent clinical outcomes you expect in an embolic that has been used in over 200,000 procedures worldwide. Embosphere Microspheres' unique nonresorbable, resilient, and cell adhesion properties provide unparalleled durability and ease of use.

For predictable clinical results, trust Embosphere Microspheres from Biosphere Medical, S.A., the leader in microsphere embolization.

Embosphere Microspheres are available in six size ranges for targeted embolization.

Now available with color coded syringes**

Embosphere Microspheres in a syringe**

Size Range (µm)	Color Code	1ml*	2ml*
40 - 120	Orange	—	S120GH
100 - 300	Yellow	S210GH	S220GH
300 - 500	Blue	S410GH	S420GH
500 - 700	Red	S610GH	S620GH
700 - 900	Green	S810GH	S820GH
900 - 1200	Purple	S1010GH	S1020GH

* Volume of Embosphere Microspheres supplied in sterile saline in 20ml syringes.

** Color coded syringes are not available in all markets and have a 3 - year shelf life. Please check with your local sales representative for availability.



Embosphere Microspheres in a sterile vial***

Size Range (µm)	Color Code	1ml*	2ml*
40 - 120	Orange	V110GH	V120GH
100 - 300	Yellow	V210GH	V220GH
300 - 500	Blue	V410GH	V420GH
500 - 700	Red	V610GH	V620GH
700 - 900	Green	V810GH	V820GH
900 - 1200	Purple	V1010GH	V1020GH

* Volume of Embosphere Microspheres supplied in sterile saline to a volume of 5 ml.

*** Vials are not available in all markets. Please check with your local sales representative for availability.



Please refer to the product IFU before product use.

Packaged 5 per box (United States), individually in most other countries. Contact your Merit Sales Representative for details.



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