

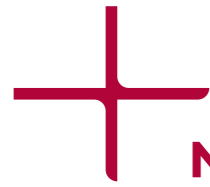


Nexsphere™

Resorbable Embolic Gelatin Microspheres

Catalogue





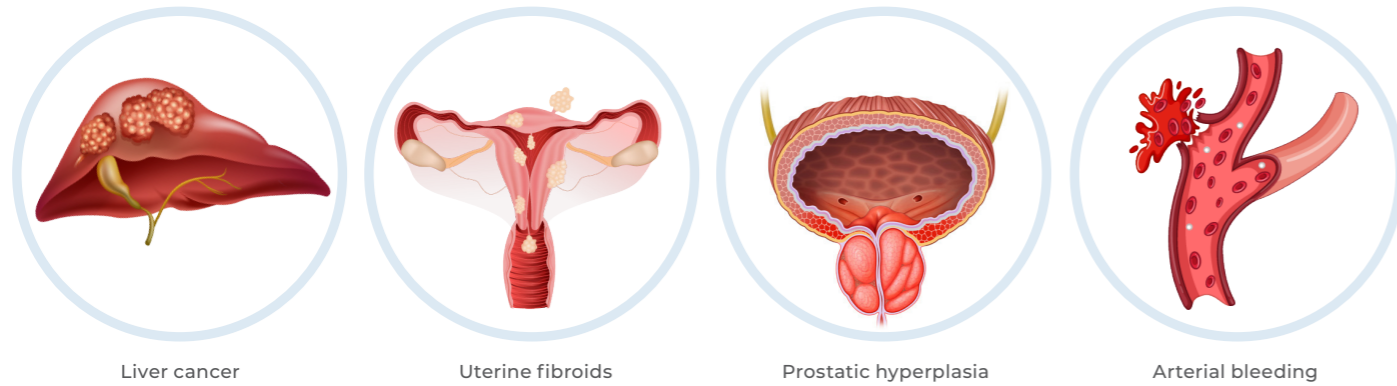
Nexsphere™ Embolic Gelatin Microspheres

Resorbable Microspheres • Tailored Embolization.

Nexsphere™ is a gelatin based hydrophilic material for endovascular embolization that is used together with a contrasting agent during vascular embolization for therapeutic and treatment purposes.

It is injected into the blood vessel through a microcatheter in order to temporarily occlude the blood vessel. Nexsphere™ is a resorbable microsphere that exhibits embolic performance in a variety of indications with uniform spherical particles, high elasticity and strong cohesion.

Indication



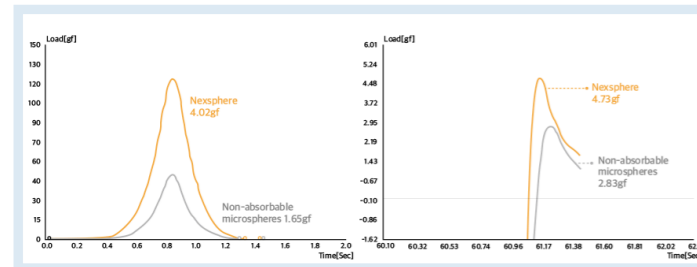
Liver cancer

Uterine fibroids

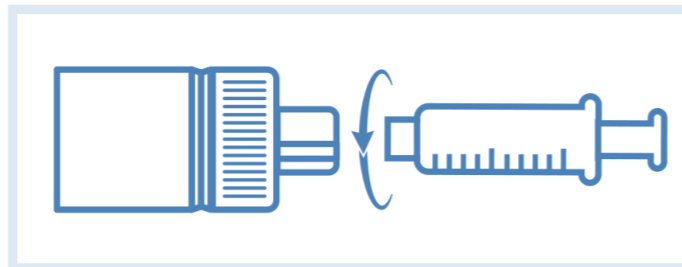
Prostatic hyperplasia

Arterial bleeding

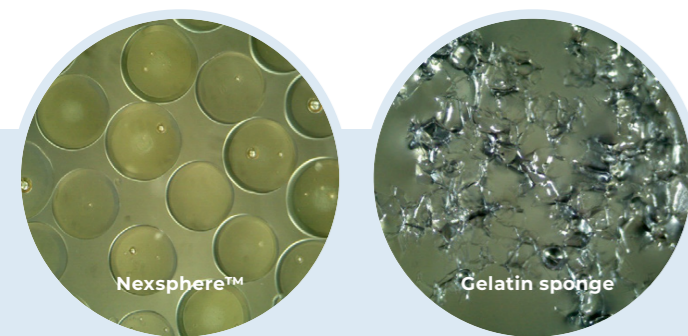
Features



Optimal performance • High elasticity and strong cohesion ¹



Patented vial design • Vial designed for contamination prevention



Nexsphere™

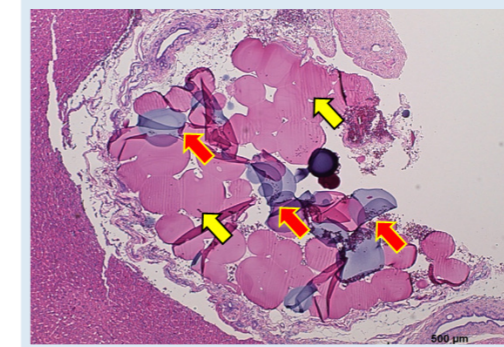
Gelatin sponge

Resorbable microspheres
Temporary embolization microspheres composed of gelatin

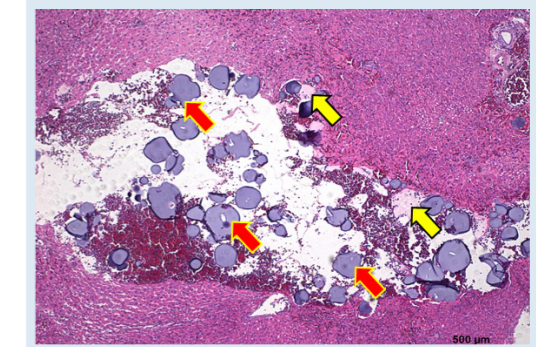
¹ In-house elasticity and cohesion tests were performed on monolayers of microspheres with a texture analyzer.

Tailored to various indications
Resorbable within 24 hours, applicable to various indications ²

Histology of Rat Liver ³

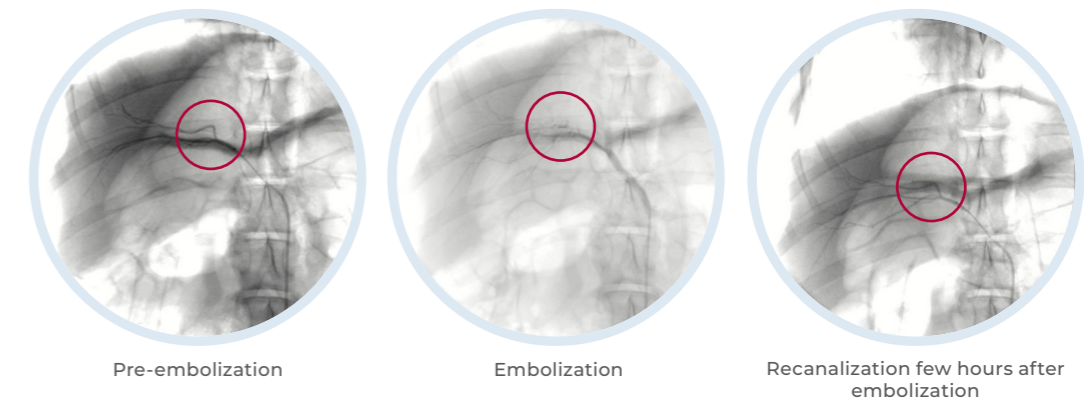


Embolization
Red arrow: Non-Resorbable product
Yellow arrow: Resorbable product



Few hours after embolization
Red arrow: Non-Resorbable product
Yellow arrow: Resorbable product

Angiography of Porcine Kidney



Pre-embolization

Embolization

Recanalization few hours after embolization

Preclinical study Porcine kidney embolization ³



Before embolization

1 week after embolization

4 weeks after embolization

Before embolization

1 week after embolization

4 weeks after embolization

² In-house in-vitro degradation test showed that Nexpowder-H was degraded in 37°C of warm saline within 24 hours.
³ Animal studies were conducted by external non-clinical CRO in Korea.
Animal study results may or may not be indicative of clinical outcomes in humans.



mermaid medical®

Ordering and Specifications

Ref no.	Size	Weight (mg)	Applicable			
			Outside Diameter		Inside Diameter	
			Fr	mm	Inch	mm
UIGB 100	100-300	300	1.7	0.60	0.017	0.43
UIGB 300	300-500	300	1.7	0.60	0.017	0.43
UIGB 500	500-700	300	1.9	0.64	0.019	0.48
UIGB 700	700-900	300	2.8	0.93	0.027	0.70
Nexsphere-H	100-300	250	1.7	0.60	0.017	0.43

NORDICS

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