squid peri™

The New Liquid Embolic Device

SQUID**PERI** is a non adhesive liquid embolic agent for embolization of Peripheral Arteriovenous Malformations (AVM). It is composed of EVOH (Ethylene Vinyl Alcohol Copolymer) with suspended micronized Tantalum powder for radiopacity, and DMSO (Dimethyl Sulfoxide) solvent. SQUID**PERI** must be injected through a compatible microcatheter.

SQUID**PERI** EMBOLIZATION RANGE:
the POWER OF VISIBILITY, the CHOICE OF FLUIDNESS

emboflu™
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A UNIQUE MICRONIZATION PROCESS

EMBOFLU developed a specific micronization process to minimize Tantalum powder grain size in the SQUID**PERI** suspension. This enables a SLOWER precipitation of the radiopaque powder which stays LONGER in the SQUID**PERI** suspention.

Micronized grain size of Tantalum powder (SQUID**PERI** 18**)**

Standard grain size of Tantalum powder

Gauss-like repartition of the Tantalum powder still in suspension

SQUID**PERI** **Tantalum powder deposit**

Double the thickness of SQUID**PERI**

Image taken15 mins after shaking

BENEFITS of the SQUIDPERI unique micronization process

- **High homogeneity of** SQUID**PERI suspension** - eliminates aggregates formation which can cause microcatheter blockage.

- **HOMOGENIC radiopacity -** reduces discrepancy between saturated radiopaque zones and non-saturated zones, for improved assessment of AVM angioarchitecture.

- **High STABILITY over time -** allows improved VISIBILITY for longer INJECTION TIMES

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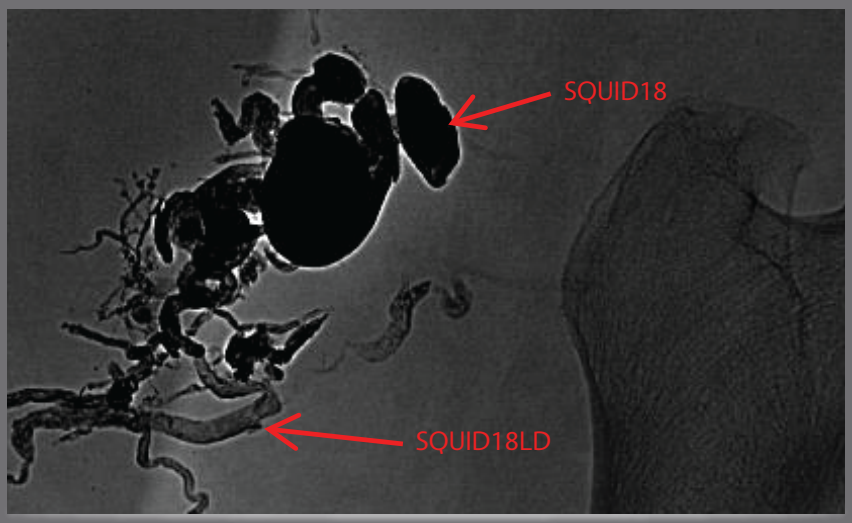
4 SQUID**PERI** FORMULAS

STANDARD VISCOSITY

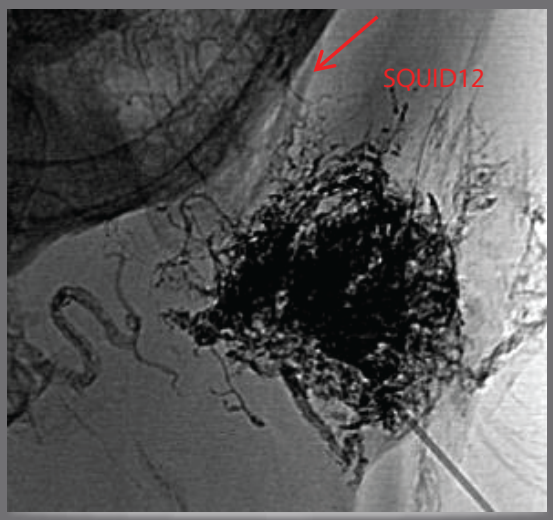
SQUID**PERI** 18**:** Standard version of SQUID**PERI** for standard AVM embolizations.

SQUID**PERI** 18LD (**L**ow **D**ensity): 30% less Tantalum than standard SQUID**PERI** 18.

- For a better assessment of the AVM vasculature and the volume of liquid embolic injected.
- To avoid the over saturated radiopaque injected zones (flash-effect).



AVM of the hip.
Courtesy of Dr. Patrick Brouwer, Rotterdam ,Holland



pre-surgery injection of SQUID 12 into a tumor.
Courtesy of Dr. Patrick Brouwer, Rotterdam ,Holland

LOW VISCOSITY

SQUID**PERI** 12**:** With lower viscosity, this version is more fluid than the standard formula and allows:

- Deeper penetration into the nidus.
- Reaching distal microvessels and injection through small feeders.

SQUID**PERI** 12**LD (L**ow **D**ensity**):**
This formula has the same viscosity as SQUID**PERI** 12, but 30% less Tantalum.

- To enable assessment of the AVM vasculature and the volume of liquid embolic injected.

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Ordering Information

References	Description	Content of each reference
SQUID**PERI** 18	standard viscosity SQUID**PERI**	• one 1.5ml vial of SQUID**PERI** • one 1.5 ml vial of DMSO • one 1cc Blue syringe for DMSO • two 1cc White syringes for SQUID**PERI** • two syringe adapters
SQUID**PERI** 18LD	standard viscosity and low density SQUID**PERI**: 30% less Tantalum than SQUID**PERI** 18	
SQUID**PERI** 12	low viscosity SQUID**PERI**	
SQUID**PERI** 12LD	low viscosity and low density SQUID**PERI**: 30% less Tantalum than SQUID**PERI** 12	

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