

# SQUID



## The New Liquid Embolic device

Non adhesive liquid embolic agent for embolisation of brain Arteriovenous Malformations (AVM). SQUID is a Copolymer of EVOH (ethylene vinyl alcohol) dissolved in a DMSO solution with suspended micronized Tantalum powder for radio-opacity.

SQUID must be injected through a COMPATIBLE microcatheter.

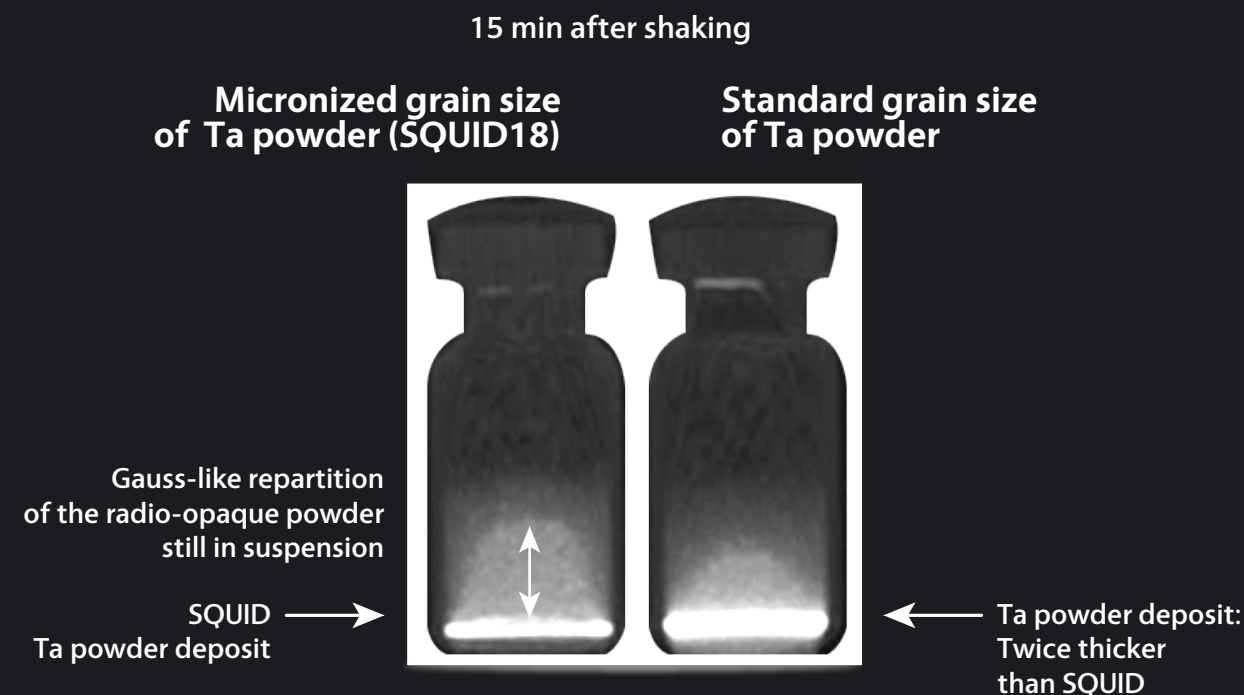
**SQUID EMBOLIZATION RANGE:**  
**the POWER OF VISIBILITY, the CHOICE of FLUIDNESS**



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## A UNIQUE MICRONIZATION PROCESS

A specific micronization process has been developed by EMBOFLU to minimize the grain size of the Tantalum powder (Ta) in the solution of SQUID. This enables a **SLOWER precipitation of the radio-opaque powder which stays LONGER in suspension in the SQUID solution.**



## BENEFITS of the SQUID unique micronization process

- **High HOMOGENEITY of the embolic liquid**  
Control over the tantalum aggregates formation, which can cause a blockage of the microcatheter and lead to its rupture.
- **High HOMOGENEITY in the radio-opacity of the injected liquid**  
Reduced discrepancy between saturated radio-opaque zones and less radio-opaque zones, for improved visibility.
- **High STABILITY in time**  
Long VISIBILITY and long INJECTION TIMES.

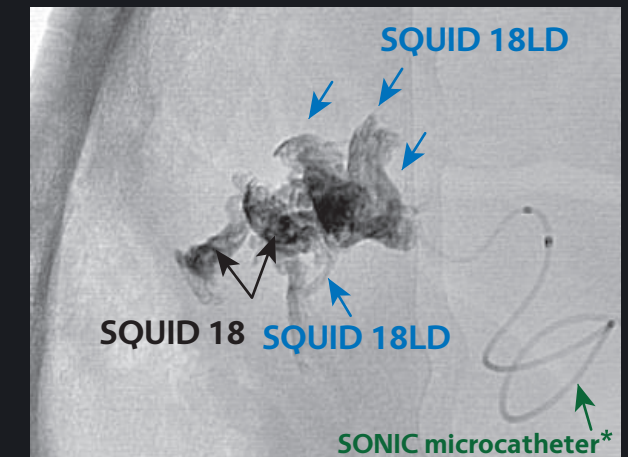
## 4 SQUID FORMULAS

### STANDARD VISCOSITY

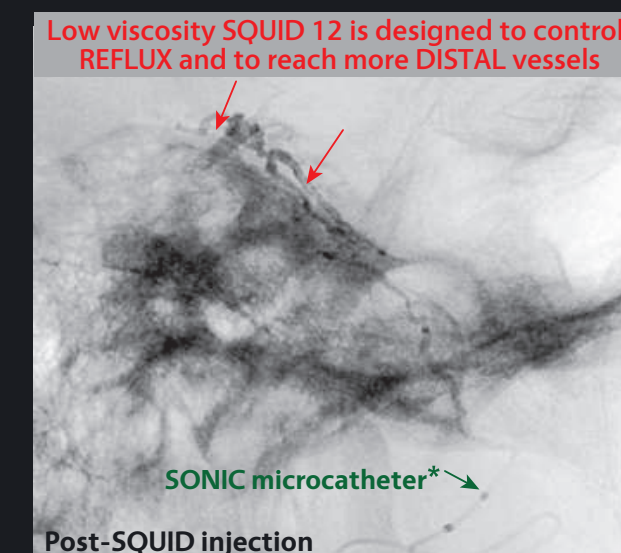
**SQUID18:** Standard version of SQUID  
For standard AVM embolisations.

**SQUID18LD (Low Density):** 30% less  
radio-opacity than standard SQUID18.

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



Courtesy of Dr Gal, Odense, Denmark



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### LOW VISCOSITY

**SQUID12:** With a lower viscosity,  
this version is more fluid than the  
standard formula and allows:

- A deeper penetration into the nidus.
- To reach microvessels and injection  
through small feeders.

### SQUID12LD (Low Density):

This formula is as fluid as the SQUID  
12 with 30% less radio-opacity.

- For a better assessment of the AVM  
vasculature and of the amounts  
of embolic liquid injected.

\*courtesy of BALT EXTRUSION



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## Ordering Information

References	Designation	Content Of Each Reference
<b>SQUID 18</b>	Standard viscosity SQUID	• One 1.5ml vial of SQUID,
<b>SQUID 18LD</b>	Standard viscosity and low density SQUID: 30% less radio-opacity than SQUID 18	• One 1.5 ml vial of DMSO,
<b>SQUID 12</b>	Low viscosity SQUID	• One 1cc Yellow syringe for DMSO,
<b>SQUID 12LD</b>	Low viscosity and low density SQUID: 30% less radio-opacity than SQUID 12	• Two 1cc White syringes for SQUID, • Two syringe adapters.



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