

Embolization: liquid agents

Coordinators:

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Participating corporate partners:

Balt

GEM

Medtronic

There are a variety of different similar products for this procedure beyond the ones demonstrated in this session.

SQUIDPERI

EVOH Copolymer

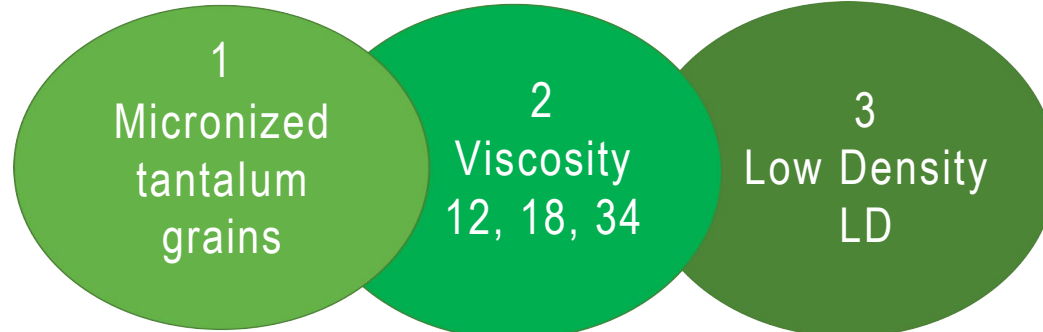


MAGIC GLUE

N-Hexyl-Cianoacrylate

Controllable injection & Cohesive delivery.

3 KEY FEATURES



Improves visualization under fluoroscopy

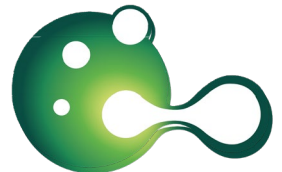
Essential for a distal embolization, specially in AVM

Essential characteristic for retreatment and reducing artefacts



- Longer polymerization time for more control.
- More elastic cast.
- Less adhesivity to the microcatheter.

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GLUBRAN[®]2



Class III medical device - CE Certificate for internal and endovascular use

The liquid embolic agent with **ADHESIVE PROPERTIES**



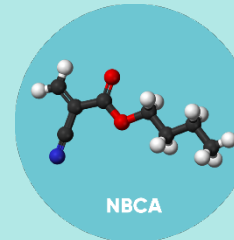
Builds the perfect cast for a definitive embolization



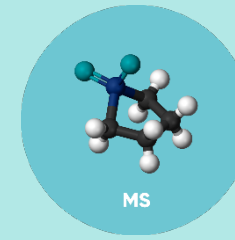
BIOCOMPATIBLE

COST EFFECTIVENESS

The only **CO-MONOMER** available on the market



+



Polymerisation TEMPERATURE 45°C → **NO WALL VESSEL DAMAGE**

Fast Polymerisation → useful in Emergency Bleeding

After injection it solidifies within seconds resulting in stable and permanent occlusion of the vessel. The adhesive property ensures permanent embolization without recanalization of the vessel.

SOLVES: AVM, trauma bleedings, endoleaks, fistulas, varicocele, cysts and tumours, Prostate, PCS

GEM
SOLUTION
COMES FROM
EVOLUTION

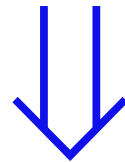
Onyx™ Liquid Embolic System 34L

Product features

Attributes

- Ethylene-vinyl alcohol (EVOH) copolymer
- Available in 1.5ml and 6ml vials
- 1ml DMSO syringe
- 1ml Onyx syringe
- Onyx 34L has less Tantalum than Onyx 18 & 34

Optimized for results



Performance

- Slow controlled injection and delivery method¹
- Ability to stop and start injections¹
- Excellent visibility²
- Reduced risk of catheter sticking due to cohesive deposition and delivery¹
- Less CT artifacts using Onyx 34L¹

Indication for Use

The Onyx™ liquid embolic system is indicated to embolize lesions in the peripheral vasculature, including endoleaks, arteriovenous malformations, portal veins, bleeding, and tumors.

¹ Medtronic data on file.

² Perez-Higueras, A. et al. Endovascular Treatment of Cerebral AVM: Our Experience with Onyx. *Interventional Neuroradiology* 11:141-157,2005.

The advantage of time.
The power of control.



Onyx™ liquid embolic system size offerings

Product name	Product code	Formulation	Volume
Onyx™	105-7200-060	18	1.5ml
	105-7200-080	34	1.5ml
	105-7315-080	34L	1.5ml
	105-7360-080	34L	6.0ml