

📍 Europe

(<https://europe.medtronic.com/xd-en/index.html>)
Liquid Embolic System



Designed to provide complete filling and distal penetration, Onyx™ liquid embolic system (LES) is a pre-mixed, radiopaque, injectable embolic fluid made of EVOH (ethylene vinyl-alcohol copolymer), DMSO (dimethyl-sulfoxide) and TA (micronised tantalum powder).

SEE ALL ARTERIOVENOUS MALFORMATIONS DEVICES ([HTTPS://EUROPE.MEDTRONIC.COM/XD-EN/HEALTHCARE-PROFESSIONALS/PRODUCTS/NEUROLOGICAL/AVM-EMBOLIZATION.HTML](https://europe.medtronic.com/xd-en/healthcare-professionals/products/neurological/avm-embolization.html))

▲ [Indications, Safety and Warnings \(https://europe.medtronic.com/xd-en/healthcare-professionals/products/neurological/avm-embolization/onyx-liquid-embolic/indications-safety-warnings.html\)](https://europe.medtronic.com/xd-en/healthcare-professionals/products/neurological/avm-embolization/onyx-liquid-embolic/indications-safety-warnings.html)

THE ADVANTAGE OF TIME, THE POWER OF CONTROL

During embolisation with the Onyx™ system, the DMSO solvent dissipates into the blood and interstitial fluids, causing the EVOH copolymer and suspended tantalum to precipitate in situ into a spongy, coherent substance. The Onyx™ liquid embolic system begins to form a skin and solidifies over time from the outside to the inside.

SAFETY

20 years of:

- Excellence
- Building clinical evidence
- Proven results

EFFICACY

- Excellent surgical handling characteristics
- Control angiography during embolic injection
- Cohesive deposition and delivery

SIMPLICITY

- A slow controlled injection and delivery method
- Ability to stop and start the injection

ONYX™ LES IS AVAILABLE IN SEVERAL FORMULATIONS WITH VARYING FLOW PROPERTIES

The numerical term of Onyx™ LES describes its relative viscosity:

- Onyx™18: liquid embolic system for maximum penetration
- Onyx™34: liquid embolic system for high-flow occlusion

DELIVERING ONYX™ LES

FLOW DIRECTED CATHETERS

The Marathon™ and Apollo™ flow directed catheter have been expressly designed to complement and enhance embolisation with Onyx™. These synergistic tools help you journey to more tortuous locations, embolise more challenging lesions and return with confidence.

[LEARN MORE \(https://europe.medtronic.com/xd-en/healthcare-professionals/products/neurological/avm-embolization/apollo-marathon.html\)](https://europe.medtronic.com/xd-en/healthcare-professionals/products/neurological/avm-embolization/apollo-marathon.html)

INDICATIONS

Onyx™ Liquid embolic system is intended for the embolisation of lesions in the peripheral and neurovasculature, including arteriovenous malformations and hypervascular tumors.

IFU

View full instructions for use

[Onyx IFU \(pdf\) **\(opens new window\)** \(/content/dam/medtronic-com/xd-en/c/od08014-nv-access-delivery/pdfs/Onyx_IFU.pdf\)](/content/dam/medtronic-com/xd-en/c/od08014-nv-access-delivery/pdfs/Onyx_IFU.pdf)

FLOW PROPERTIES

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- Onyx™ 34: for high-flow occlusion”

AVAILABLE CFNS

CFN	Product
105-7000-060	Onyx™ 18
105-7000-065	Onyx™ 20
105-7000-080	Onyx™ 34
103-1205-002	Onyx™ LES Mixer (Voltage 240)
103-1207	Onyx™ Liquid Embolic System Syringe Catheter Interface Adapter

RELATED PAGES

- [Apollo™ & Marathon™ Flow Directed Microcatheters \(/xd-en/healthcare-professionals/products/neurological/avm-embolization/apollo-marathon.html\)](/xd-en/healthcare-professionals/products/neurological/avm-embolization/apollo-marathon.html)
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ANY QUESTIONS?

Do you need support for procedures? Or information on our products and solutions?

Our team is happy to help answer any questions you may have.

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