

SEQURE[®]

Reflux Control Microcatheter



Secure Embolization

REDUCES THE RISK OF NON-TARGET EMBOLIZATION

Early detection

Allows distal and super selective treatment



Enhanced Embolization

ALLOWS FOR INCREASED AND TARGETED DELIVERY OF EMBOLIC MATERIAL

Does not cause artery spasm*

Maintains normal blood flow



Easy to Use

NO MOVING PARTS AND NO ACTIVATION REQUIRED

No compromise on performance & delivery

Same embolization endpoint

For more information, please contact us at
877-729-6679 or customer.service-us@guerbet.com

Guerbet |

*Usability, Safety and Efficacy of a Novel Microcatheter for Reducing Non-Target Embolization. Michael Tal et al. WCIO 2018 Poster.

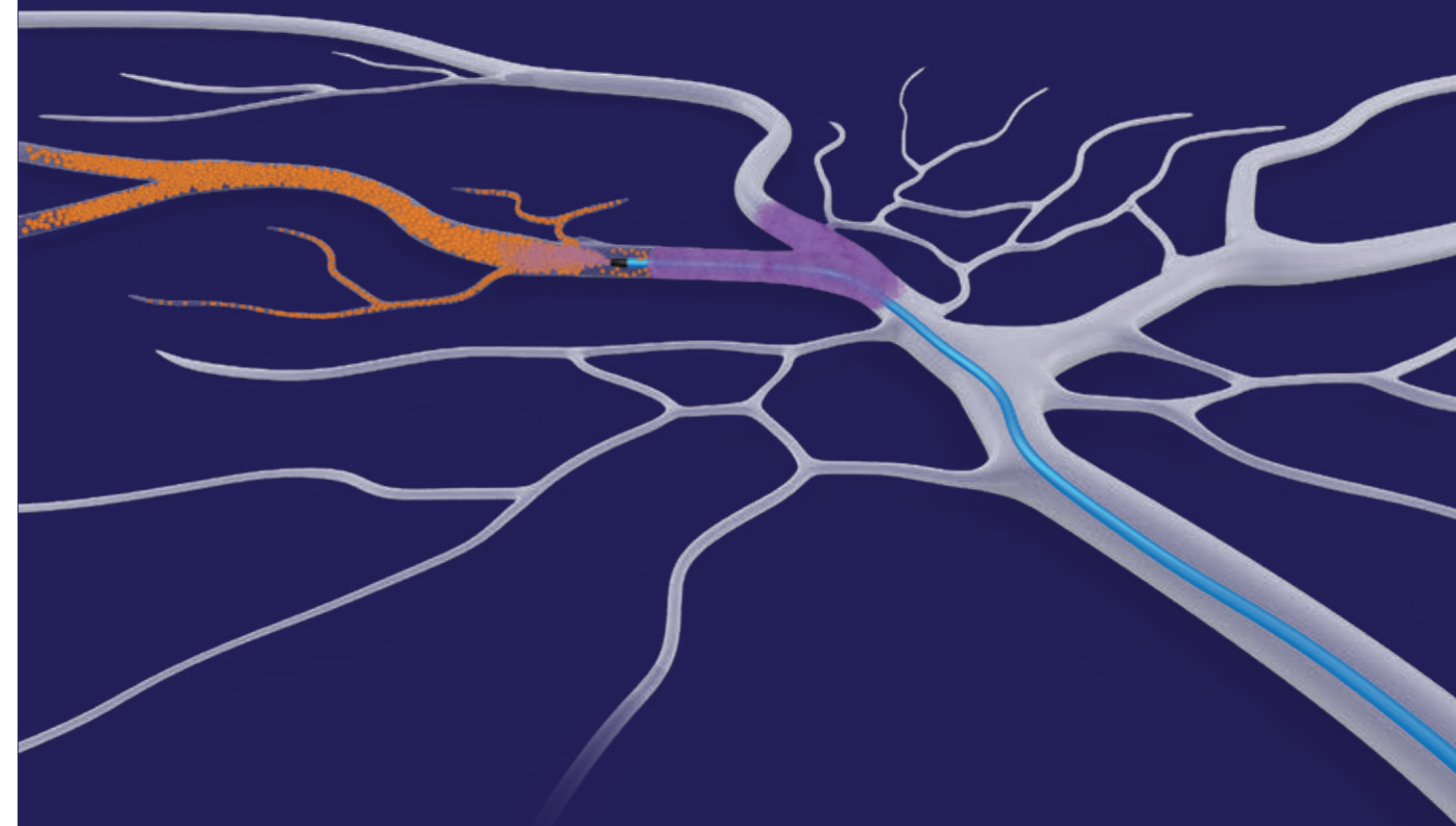
SEQURE[®] is registered trademark of Guerbet Group or its affiliates.
Progreat[®] Microcatheter is registered trademark of Terumo company.

CAUTION: Federal law restricts this device to sale by or on the order of a physician. Indications, contraindications, warnings and instructions for use can be found in the product labelling supplied with each device. Information for the use only in countries with applicable health authority product registrations.

GU03201080

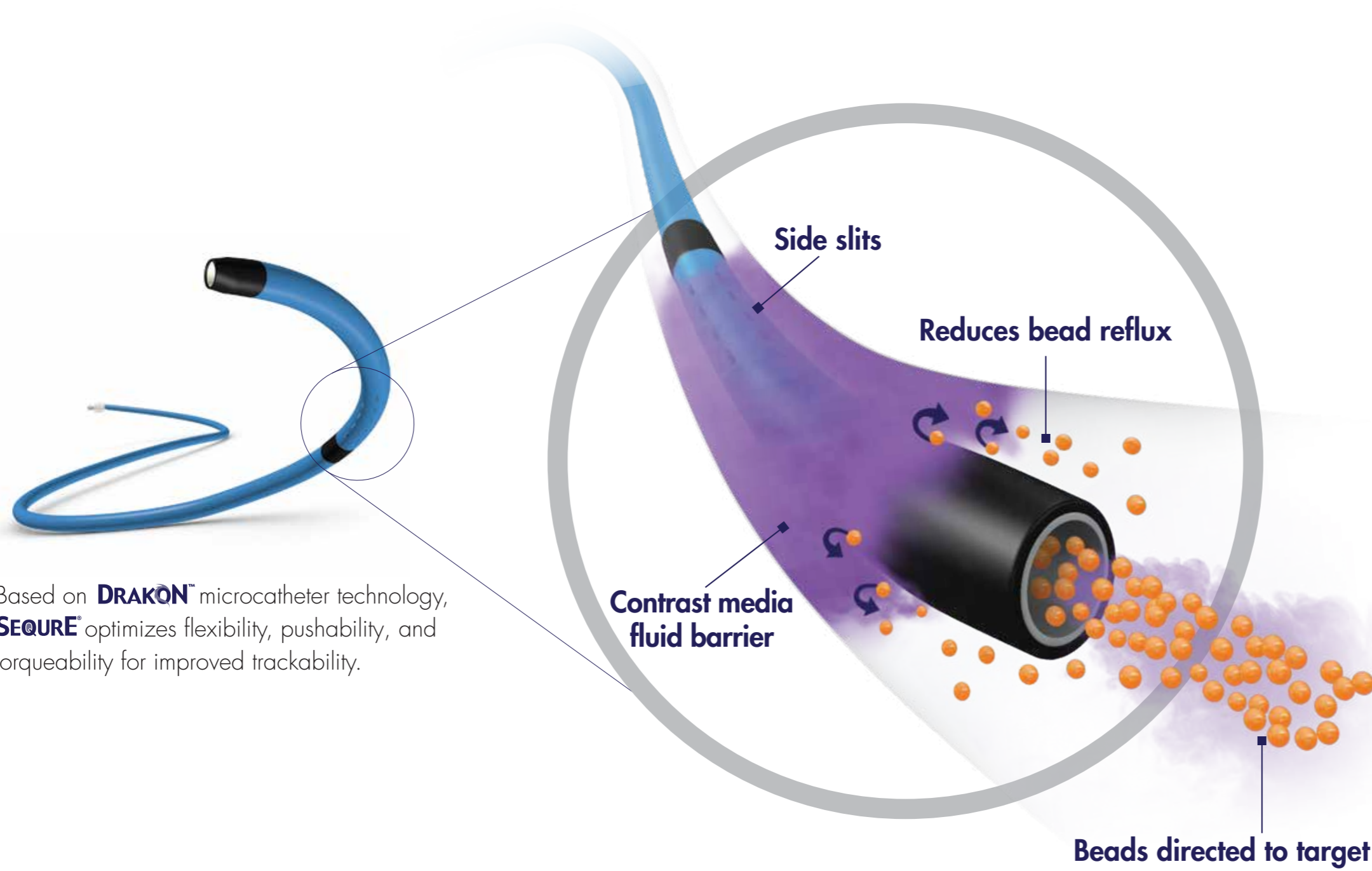
SEQURE[®]
Reflux Control Microcatheter

Designed to reduce microspheres reflux



Guerbet |

SEQUIRE® - Innovative Reflux Control Microcatheter



Based on **DRAKON™** microcatheter technology, **SEQUIRE®** optimizes flexibility, pushability, and torqueability for improved trackability.

Unique reflux control tip:

Specifically designed tip using flow dynamics principles.

Radially filtered contrast media creates **a fluid barrier around the microcatheter.**

Reduces risk of microspheres reflux and associated non-target embolization.

Side slits (<70µm size) allow outflow of contrast media without passage of microspheres.

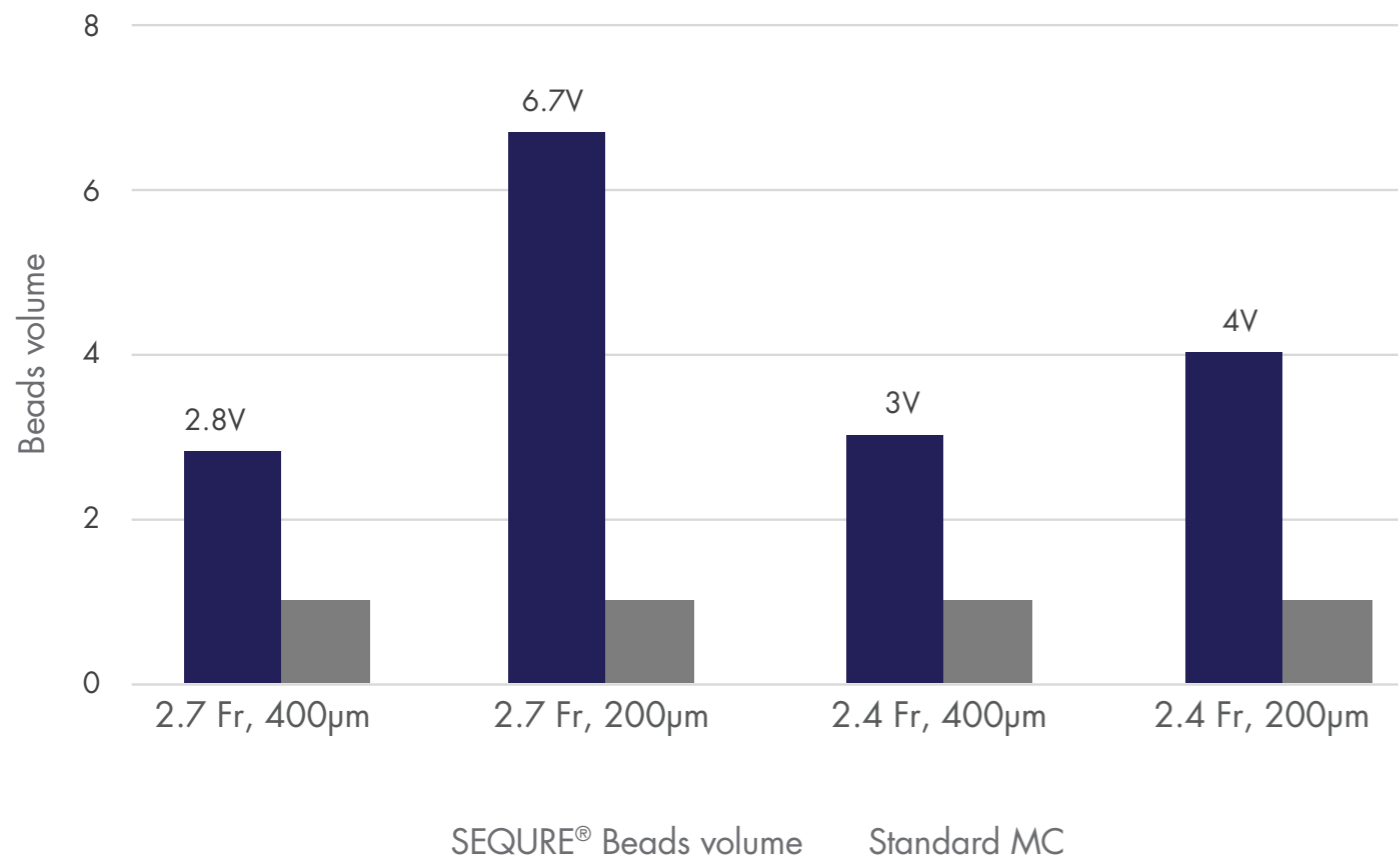
2 RO markers: Distal marker enhances tip visualization. Proximal marker enables precise positioning in the target vessels.

Side slits specifically configured for each microcatheter size; **eliminating vessel size limitation.**

Contrast media fluid barrier helps reduce reflux of embolic material

Enhancing Embolization

Increased Microspheres Delivery



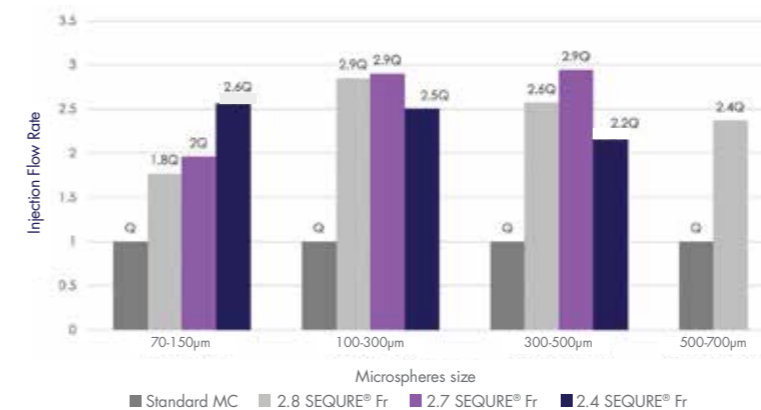
On bench testing, SEQUIRE® delivered on average 3 times more embolic material to the target vessel

Securing Embolization

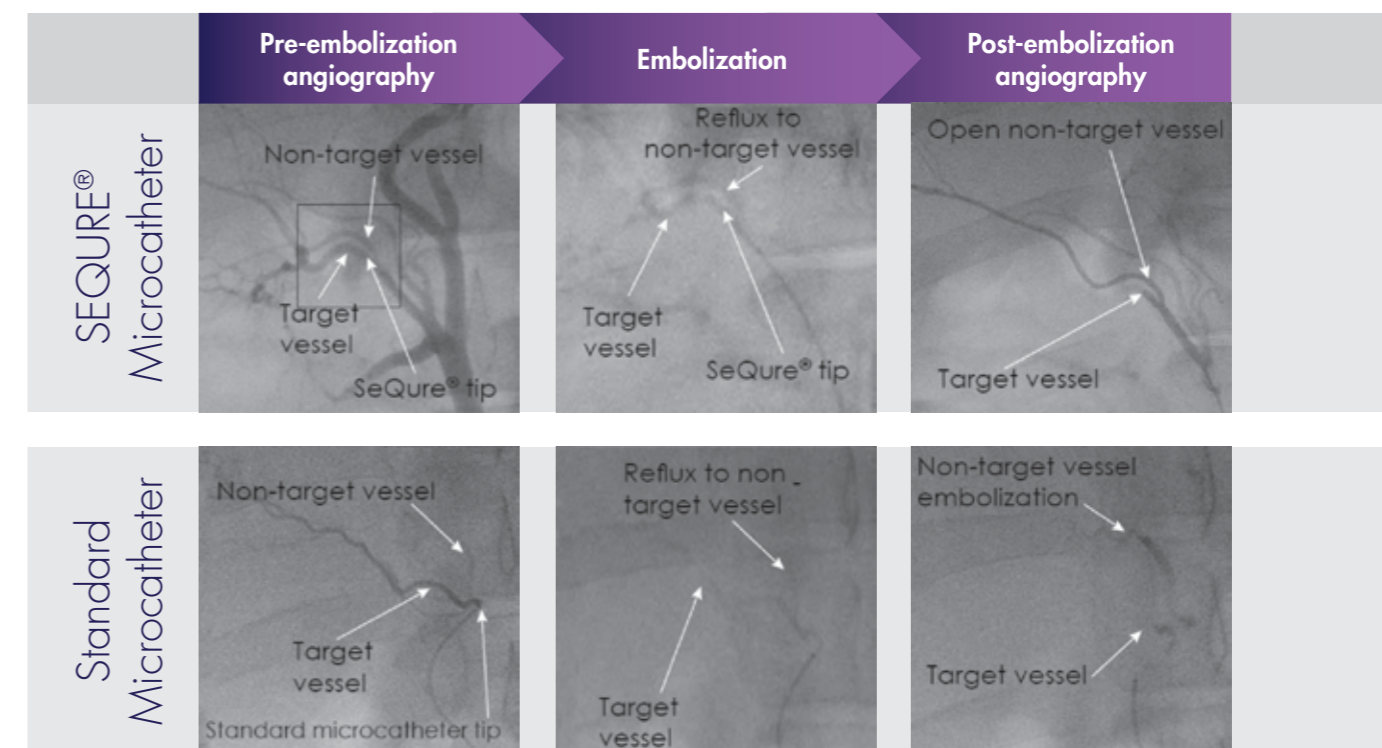
On bench testing, SEQUIRE® enabled higher injection rates when compared to standard microcatheters with minimal microsphere reflux.

- Improves packing and distribution of microspheres
- Increases the delivery quantity of embolic material to the target vessel

Flow Rate Model



The SEQUIRE® Microcatheter achieved injection flow rates at least 75% higher than standard microcatheters without reflux of embolic materials to non-target vessel



Identical embolization techniques were used for both test and reference microcatheters⁵

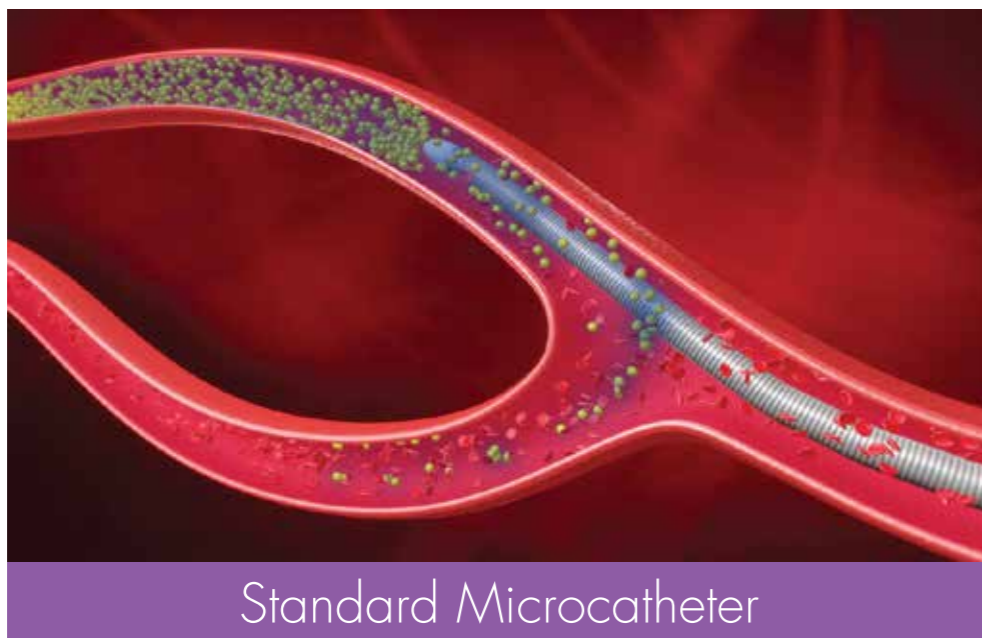
Reduce the risk of non-target embolization

Early Detection

SEQURE® provides early indications on vessel flow dynamic changes and embolization endpoint.



Fluid barrier technology helps reduce bead reflux



Potential bead reflux is more likely to occur with standard microcatheters*

Flow Directed Embolization

SEQURE® Compatibilities

ATTRIBUTE				SPECIFICATION					
Microcatheter OD (Proximal/Distal)	2.9/2.4 Fr (0.97/0.8 mm)			2.9/2.7 Fr (0.97/0.9 mm)			3.0/2.8 Fr (1.00/0.93 mm)		
Catheter Inner Diameter	0.022" (0.56 mm)			0.025" (0.64 mm)			0.027" (0.69 mm)		
Functional Length	105 cm	130 cm	150 cm	105 cm	130 cm	150 cm	105 cm	130 cm	150 cm
Maximal Compatible Guidewire OD	0.018" (0.46 mm)			0.021" (0.53 mm)			0.021" (0.53 mm)		
Recommended Guiding Catheter	Min. 0.038" (0.97 mm) guidewire compatible								
Compatible Embolic Microspheres OD	70-500 µm			70-500 µm			70-700 µm		
Compatible Embolic Coil Size	0.018"			0.018"			0.018"		

Specification & Ordering Information

PRODUCT REFERENCE	ORDER NUMBER	CATHETER OD (F/MM)	FUNCTIONAL LENGTH (CM)	INNER DIAMETER (IN/MM)	RECOMMENDED GUIDEWIRE (IN/MM)	SHAPE
SQ24_MB_105	232864	2.4 Fr. (0.80 mm)	105	0.022" (0.56 mm)	0.018" (0.46 mm)	Straight
SQ24_MB_130	234072	2.4 Fr. (0.80 mm)	130	0.022" (0.56 mm)	0.018" (0.46 mm)	Straight
SQ24_MB_150	234049	2.4 Fr. (0.80 mm)	150	0.022" (0.56 mm)	0.018" (0.46 mm)	Straight
SQ27_MB_105	232881	2.7 Fr. (0.90 mm)	105	0.025" (0.64 mm)	0.021" (0.53 mm)	Straight
SQ27_MB_130	232882	2.7 Fr. (0.90 mm)	130	0.025" (0.64 mm)	0.021" (0.53 mm)	Straight
SQ27_MB_150	234052	2.7 Fr. (0.90 mm)	150	0.025" (0.64 mm)	0.021" (0.53 mm)	Straight
SQ28_LB_105	232887	2.8 Fr. (0.93 mm)	105	0.027" (0.69 mm)	0.021" (0.53 mm)	Straight
SQ28_LB_130	234054	2.8 Fr. (0.93 mm)	130	0.027" (0.69 mm)	0.021" (0.53 mm)	Straight
SQ28_LB_150	234055	2.8 Fr. (0.93 mm)	150	0.027" (0.69 mm)	0.021" (0.53 mm)	Straight

1. Beads accumulation report DR 18 00178 & TR02601. Data-on-file Guerbet.
2. Vessel Flow Dynamic Indication (Beads Reflux) Bench Test report TR-002. Data-on-file Accurate Medical Therapeutics Ltd.
3. Usability, Safety and Efficacy of a Novel Microcatheter for Reducing Non-Target Embolization. Michael Tal et al. WCIO 2018 Poster. Animal study.
4. Data-on-file Accurate Medical Therapeutics Ltd. report DR_18_00178_RAP. report TR-002 Vessel Flow Dynamic Indication Bench Test.
5. Usability, Safety and Efficacy of a Novel Microcatheter for Reducing Non-Target Embolization. Michael Tal et al. WCIO 2018 Poster.

*Illustrations for information purposes – not indicative of actual size or clinical outcome.