

Bead Block™ Microspheres

- Blue-tinted beads, in prefilled, color-coded syringes **for added convenience and safety**
- Compressible spherical embolic with 100% elastic shape recovery for minimal attrition during preparation and **easier delivery** with less catheter clogging^{1,2,3}
- Remain suspended in contrast for twice as long as competitive beads for a **more efficient procedure**⁴

1. Lewis A, Adams C, Busby W et al. Comparative In Vitro Evaluation of Microspherical Embolization Agents. J Mater Sci: Mater Med 17 (2006) 1193-204.
 2. Kroencke et al. Acrylamido Polyvinyl Alcohol Microspheres for Uterine Artery Embolization: 12-month Clinical and MR Imaging Results. J Vasc Interv Radiol 19 (2008) 47-57.
 3. Data on file
 4. Lewis A, Adams C, Busby W et al. J Mater Sci: Mater Med 17 (2006) 1193-204

Preparation and Administration

- 1 Draw up contrast medium directly into the Bead Block pre-filled syringe. To obtain an even suspension, initially use 50:50 contrast to Bead Block volume. If Bead Block sinks, add more contrast. If Bead Block floats, add more saline.
- 2 Remove all air from the syringe.
- 3 Gently invert the 20 ml syringe several times to evenly suspend the Bead Block/contrast solution. **Do not use a shaking motion.**
- 4 Wait to allow Bead Block to suspend properly.
- 5 Attach the 20 ml syringe to the side port of the luer-lock 3-way stopcock. Attach the injection syringe (1-5ml according to preference) to the second port. Attach the remaining port of the stopcock to the delivery catheter. **Ensure all air is purged from the system prior to injection.**
- 6 Inject the Bead Block/contrast solution from the injection syringe under fluoroscopic visualisation using a slow pulsatile action, while observing the contrast flow rate.
- 7 If there is no effect on the flow rate, repeat the delivery process with additional injections of Bead Block/contrast solution or larger sized Bead Block may be considered.
- 8 If the Bead Block/contrast solution requires re-suspension, gently invert the 20 ml syringe several times.

DO NOT PASS THE CONTENT VIGOROUSLY BETWEEN SYRINGES WHEN OBTAINING SUSPENSION/RE-SUSPENSION. EXERCISE CONSERVATIVE JUDGMENT IN DETERMINING THE EMBOLIZATION ENDPOINT.

Please refer to product instructions for use for further information.



Catheter Compatibility

Contrast Medium Mix

Color Code	Size Range (µm)	2ml Syringe Product Code	Direxion™ HI-FLO™ (2.8 Fr)	Renegade™ HI-FLO™ (2.8 Fr)	Direxion™ (2.4 Fr)	Renegade STC™	Imager II Select™	Bead Block Size	Omnipaque™ 300	Isovue®- 300	Optiray® 300	Visipaque™ 320	Color Code
	100 to 300	EB2S103	✓	✓	✓	✓	✓	100 to 300	5.0 ml 1 min	5.0 ml 1 min	5.0 ml 1 min	5.0 ml 1 min	
	300 to 500	EB2S305	✓	✓	✓	✓	✓	300 to 500	5.0 ml 2 min	5.0 ml 1 min	5.0 ml 1 min	5.0 ml 2 min	
	500 to 700	EB2S507	✓	✓	✓	✓	✓	500 to 700	5.0 ml 3 min	5.0 ml 2 min	5.0 ml 2 min	4.0 ml 5 min	
	700 to 900	EB2S709	✓	✓			✓	700 to 900	5.0 ml 5 min	5.0 ml 4 min	5.0 ml 4 min	5.0 ml 5 min	
	900 to 1200	EB2S912					✓	900 to 1200	2.0 ml 3 min	2.0 ml 3 min	2.0 ml 4 min	2.0 ml 6 min	

CAUTION: The law restricts these devices 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. Products shown for INFORMATION purposes only and may not be approved or for sale in certain countries. All cited trademarks are the property of their respective owners. © 2020 Boston Scientific Corporation or its affiliates. All rights reserved. PI-775804-AA

KEY

Initial volume of contrast medium to add to achieve suspension for at least 45 seconds

Approximate time to achieve suspension, inverting several times every 20 seconds