

Bead Block™ Microspheres

- Blue-tinted beads, in prefilled, colour-coded syringes for **added convenience and safety**
- Compressible spherical embolic with 100% elastic shape recovery for **easier delivery**^{1,2}
- Minimal attrition during handling, mixing and delivery³

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

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 20ml 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 20ml 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 20ml syringe several times.



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

Prior to use, please refer to IFU for full operating instructions.

Catheter Compatibility									Contrast Medium Mix					
Colour Code	Size Range (µm)	2ml Syringe Product Code	Direxion™ High Flow 2.8	Renegade™ High Flow 2.8	Direxion™ (2.4 Fr)	Renegade™	Renegade STC™	Imager™ II Select	INDICATION	Omnipaque™ 300	Isovue®- 300	Optiray® 300	Visipaque™ 320	Colour Code
	100 to 300	EB2S103	✓	✓	✓	✓	✓	✓	PAE, Hypervascular Tumours	5.0 ml 1 min	5.0 ml 1 min	5.0 ml 1 min	5.0 ml 1 min	
	300 to 500	EB2S305	✓	✓	✓	✓	✓	✓	PAE, Hypervascular Tumours	5.0 ml 2 min	5.0 ml 1 min	5.0 ml 1 min	5.0 ml 2 min	
	500 to 700	EB2S507	✓	✓	✓	✓	✓	✓	UFE, Hypervascular Tumours	5.0 ml 3 min	5.0 ml 2 min	5.0 ml 2 min	4.0 ml 5 min	
	700 to 900	EB2S709	✓	✓				✓	UFE, Hypervascular Tumours	5.0 ml 5 min	5.0 ml 4 min	5.0 ml 4 min	5.0 ml 5 min	
	900 to 1200	EB2S912						✓	UFE, Hypervascular Tumours	2.0 ml 3 min	2.0 ml 3 min	2.0 ml 4 min	2.0 ml 6 min	