

Loading of DC Bead[®] using Irinotecan SOLUTION in vial



After loading, the solution in the vial may retain some colouration as shown. This is to be expected and is not an indication that the DC Bead[®] has failed to load.



To give required dose of irinotecan	Number of vials of irinotecan 100mg (20mg per ml)	Number of vials of DC Bead
100mg	1	1
200mg	2	2

Physical and chemical stability	DC Bead
Irinotecan-loaded DC Bead (100mg/2ml)	14 days (at 2-8°C)
Irinotecan-loaded DC Bead mixed with non-ionic contrast	USE IMMEDIATELY

Loading times for up to 100mg of irinotecan (50mg per ml of DC Bead)

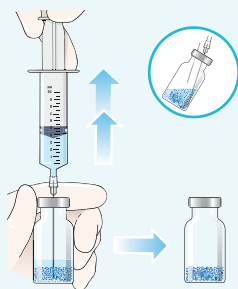
Irinotecan Uptake	100-300µm
98%*	120 minutes

* Tolerance of ±3%

Loading and preparation of DC Bead must be carried out using strict aseptic technique under controlled conditions.

Step 1

Take flip cap off DC Bead vial(s) but do not remove metal around the bung. Remove as much saline as possible from DC Bead vial(s) using a syringe and filter needle.

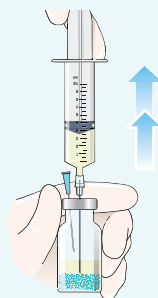


Pierce bung with a second needle to eliminate vacuum. If a filter needle is not available, place flattened tip of needle against side of vial to prevent beads being drawn into the needle.

SOLUTION

Step 4

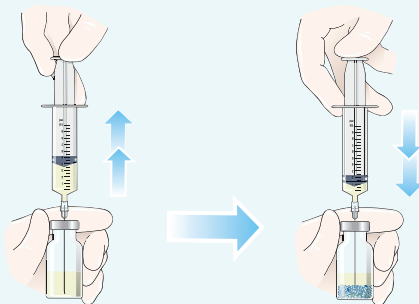
When loading time is complete, use an 18-gauge needle or equivalent to draw up the loaded beads into a 20-30ml syringe.



SOLUTION

Step 2

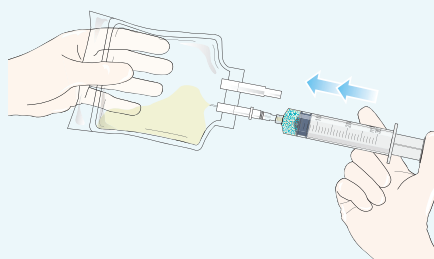
Using a syringe and needle add a total of 5ml of irinotecan solution (20mg/ml) directly into each vial of DC Bead.



SOLUTION

Step 5

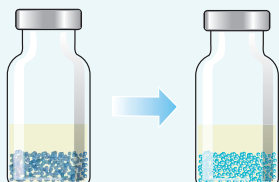
Exchange needle for a 5-micron filter needle or equivalent and expel excess liquid from the syringe.



SOLUTION

Step 3

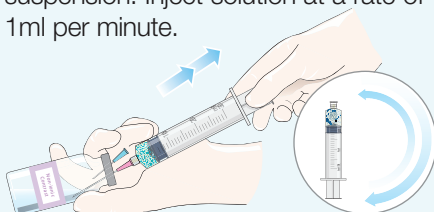
During the 2-hour loading period, agitate the beads occasionally. This will help ensure effective loading. A change in the bead colour from blue to turquoise will be observed.



SOLUTION

Step 6

To prepare the loaded DC Bead for injection, add 5ml water for injection (NOT sodium chloride) and 5-10ml of non-ionic contrast medium per ml of DC Bead. Mix gently to give a good suspension. Inject solution at a rate of 1ml per minute.



SOLUTION

DC Bead[®] Ordering Information

Nominal Bead Size	Volume of Beads	Product Code
100-300µm	2ml	DC2V103

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