

Tandem[®] Microspheres

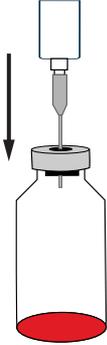
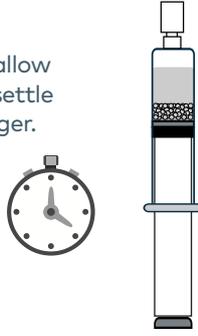
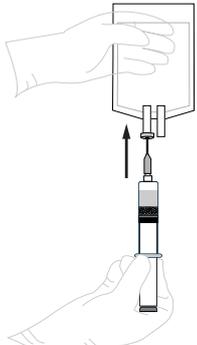
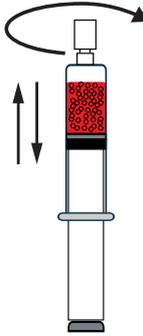
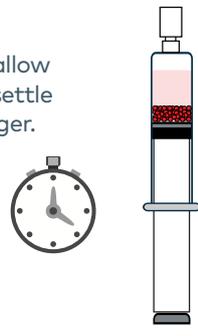
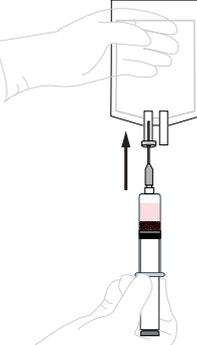
Loading Guide for Doxorubicin HCl 20 mg/ml Solution (reconstituted from powder)

Materials:

- Doxorubicin hydrochloride (lyophilized powder)
- Water for injection (WFI)
- Syringe and needle for doxorubicin preparation
- Tandem Microspheres prefilled syringe
- 5 µm sterile filter needles (2)
- 18–20 gauge sterile needle
- Waste container (e.g., empty 100 ml solution bag)

Drug loading should be performed under controlled aseptic conditions.

Maximum loading dose:
50 mg doxorubicin/ml microspheres

DOXORUBICIN PREPARATION	MICROSPHERE PREPARATION	
<p>1</p> <p>Hydrate doxorubicin powder with WFI to obtain a solution of 20 mg/ml.</p> <p>(e.g., 5 ml WFI to 100 mg or 7.5 ml WFI to 150 mg)</p> 	<p>2</p> <p>Gently swirl and allow microspheres to settle towards the plunger.</p> 	<p>3</p> <p>Attach filter needle to the syringe.</p> <p>Insert needle into a waste container and expel excess transport solution. DO NOT compress the microspheres.</p> 
DRUG LOADING		
<p>4</p> <p>Replace filter needle with 18-20 gauge needle.</p> <p>Draw up required drug volume into the syringe and leave an air bubble for optimal mixing.</p> 	<p>5</p> <p>Recap the syringe.</p> <p>Gently mix by inverting and swirling the syringe every 5 minutes. Hard shaking may cause foam.</p> <p>Minimum loading time is 60 minutes.</p> 	
STORAGE (OPTIONAL)	SUPERNATANT REMOVAL	
<p>After drug loading is complete, if not used immediately, store in the dark at 2–8° C and use within 48 hours.</p> <p>Please refer to the drug manufacturer's package insert for specific drug information.</p>	<p>6</p> <p>Gently swirl and allow microspheres to settle towards the plunger.</p> 	<p>7</p> <p>Attach filter needle to the syringe.</p> <p>Insert needle into a waste container and expel excess supernatant. DO NOT compress the microspheres.</p> <p>Recap the syringe.</p> 

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 labeling supplied with each device. Vascular embolization is a procedure that has inherent risk and should only be performed by specialized physicians. For more information, please visit www.varian.com/safety Varian Medical Systems as a medical device manufacturer cannot and does not recommend specific treatment approaches.

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