

Tandem® Microspheres

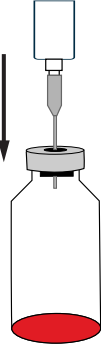
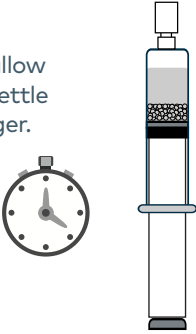
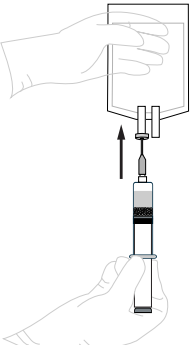
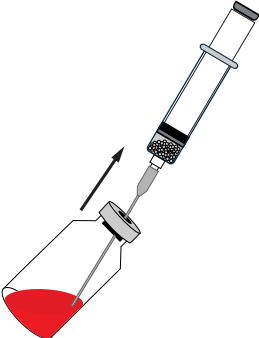
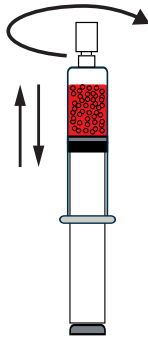
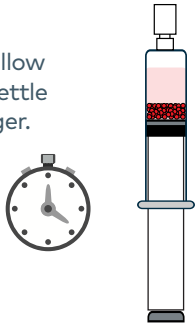
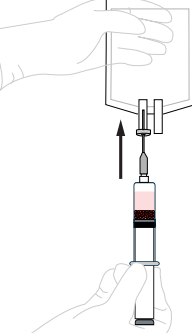
Loading Guide for Doxorubicin HCl 20 mg/ml Solution (reconstituted from powder)

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.

Information contained herein is for distribution outside the U.S. only. Products and features may not be available in all markets and specifications are subject to change without notice.

© 2020 Varian Medical Systems, Inc. Varian, Varian Medical Systems, Embozene, and Tandem logos are registered trademarks of Varian Medical Systems, Inc. All trademarks are the property of their respective owners.