

Dantrolene for Malignant Hyperthermia Reconstitution Procedure

***** Extra dantrolene vials are located in M2OR pharmacy room*****
Call M2OR Front Desk (x4239) to arrange for MH cart delivery to the affected patients, and call Anesthesia assistant, EXT: 6290, Contact pharmacy when it is used
EXT: *4509*

Contents of Reconstitution Kit:

Quantity	Item
4	50 mL Luer-lock syringes
6	Vented Vial Spikes
1	Clave™ Connector IV Bag Access Device
1	2,000 mL bag of sterile water for injection

Procedure:

1. There are **two types of spikes** – **bag spike (1)** and **vial spikes (6)**. Ensure you select the correct spike.

To Prepare Bag:

2. Open bag
3. Remove sterile water.



spike (Clave™ Connector IV Bag Access Device).
protective cap and insert spiked end into 2000 mL bag of

To Prepare Vials:

4. Remove plastic cap from each of the required number of dantrolene vials.
5. Swab top of each vial with alcohol swab.
6. Open vial spike (ChemoClave Vented Vial Spike, CODAN Vial Adapter or Medical Systems Vented Transfer Pin Mini Bore)
7. Remove protective spike cap and insert spiked end into dantrolene vial.
8. Repeat steps 6 and 7 until each of the required dantrolene vials is spiked.



Remove blue cap to
expose luer connector

SUNNYBROOK HEALTH SCIENCES CENTRE
DEPARTMENT OF PHARMACY

To Reconstitute Dantrolene

Each vial of dantrolene requires 60 mL of sterile water for reconstitution.

9. Attach 50 mL syringe to luer connector on the sterile water bag spike.
10. Withdraw 30 mL of sterile water.
11. Disconnect syringe from the bag and connect to the luer connector on the dantrolene vial.
 - *For Medical Systems Mini Bore vial spike, remove blue cap to expose luer connector.*
12. Inject 30 mL sterile water into dantrolene vial.
13. Disconnect syringe from vial and reconnect to sterile water bag.
14. Withdraw another 30 mL sterile water and inject into the dantrolene vial using the same procedure (total 60 mL sterile water per vial)
15. Shake until the solution is a clear orange colour.
16. Reconstitute the remaining vials by repeating Steps 9-15.

To Administer Dantrolene:

17. Connect a 50 mL syringe to the dantrolene vial and withdraw the reconstituted dantrolene into the syringe for rapid IV administration.
18. Do not add to any IV solutions.
19. Physician may give IV push.