



Guidance: The facility must have a minimum of 36 vials of dantrium sodium (20 mg/vial). Following an MH event, the anesthesia department must be advised to use non-triggering agents only until notified that the facility has replenished its MH kit/cart to have a full supply (minimum 36 vials) of dantrium sodium.

Guidance: Each 20 mg vial of dantrolene should be reconstituted by adding 60 mL of sterile water for injection USP (without bacteriostatic agent) and the vial shaken until the solution is clear. 100 mL vials of sterile water are recommended instead of sterile water bags to avoid the accidental IV administration of this hypotonic solution. If sterile water bags are used, they must be clearly labelled "not for IV administration" and stored away from any other bags intended for IV use. If 100 mL vials of sterile water vials are stocked, there are at minimum 22 vials in the kit. If sterile water bags are stocked, the minimum total volume of sterile water in the kit is 2200 mL.

Guidance: 50 mL vials x 5 are stocked in the MH kit/cart.

Guidance: 50 mL vials x 2 are stocked in the MH kit/cart.

Guidance: 10 mL vials x 2 are stocked in the MH kit/cart.

Guidance: A 100 units/mL vial of regular insulin is stored in the refrigerator. The MH kit/cart contains a cognitive aid (e.g. laminated card) that clearly states where other required malignant hyperthermia treatment medications and supplies are located (e.g. refrigerator, freezer).

Guidance: Lidocaine (2%) 100 mg/5 mL vials x 3 or lidocaine 100 mg/10 mL x 3 preloaded syringes are stocked in the MH kit/cart. Manufacturer pre-filled syringes are preferred. ACLS protocols, as prescribed by the American Heart Association, should be followed when treating all cardiac derangements caused by MH. Lidocaine or procainamide should not be given if a wide-QRS complex arrhythmia is likely due to hyperkalemia; this may result in asystole.



Guidance: At minimum, one drainage bag with urine meter (e.g. urometer[®]) is stocked in the MH kit/cart. A basic drainage bag does not satisfy this requirement.

Guidance: At minimum, 3000 mL normal saline for IV cooling is stored in the refrigerator. The MH kit/cart contains a cognitive aid (e.g. laminated card) that clearly states where other required MH treatment medications and supplies are located (e.g. refrigerator, freezer).

Guidance: A bucket for ice is stocked in the MH kit/cart.

Guidance: An adequate supply of ice is located in a freezer within the facility and there is a way to crush the ice. The MH kit/cart contains a cognitive aid (e.g. laminated card) that clearly states where other required MH treatment medications and supplies are located (e.g. refrigerator, freezer).

Guidance: A temperature probe (e.g. nasopharyngeal, tympanic membrane, rectal) is immediately available for use. Immediately available is defined as being available for use without undue delay. The MH kit/cart contains a cognitive aid (e.g. laminated card) that clearly states where other required MH treatment medications and supplies are located (e.g. refrigerator, freezer).

Guidance: The MH kit/cart contains a cognitive aid (e.g. laminated card) that clearly states where other required MH treatment medications (e.g. insulin) and supplies are located (e.g. ice, cold saline, temperature probe).

Guidance:

Guidance: At minimum, six (6) arterial blood gas kits are stocked in the MH kit/cart. If no immediate laboratory analysis is available on site, there is policy and procedures in place with the local hospital to analyze bloodwork drawn by the facility in the event of a malignant hyperthermia crisis. Facilities that choose to have point-of-care laboratory testing systems for blood chemistry (electrolytes) analysis, coagulation testing, and/or blood gas analysis require review and accreditation with the Diagnostic Accreditation Program (DAP).

Guidance: For myoglobin level testing.

Guidance: Test strips for urine hemoglobin are stocked in the MH kit/cart.

Guidance: The rolling/mobile kit/cart transports the required medications, equipment and supplies to the location of the malignant hyperthermia crisis.

Guidance: The MH kit/cart is located near the operating room(s); it is not located in the operating room.

Guidance: The MH checklist is inclusive of all the items required in accordance with the 2010 G(-)Q EMC /P <</MCID 46-BDC


