



Malignant Hyperthermia Drugs

Dantrolene sodium

Rapidly administered 2-3 /kg initial bolus. Administer supplemental doses in increments up to 10mg/kg total. Occasionally more than 10mg/kg maybe required. Dantrolene should be mixed with 60 ml sterile water **Flush IV line with sterile water before administering Dantrolene.**

Sodium Bicarbonate

1 to 2 mEq/kg to correct metabolic acidosis as guided by blood gas analysis. If initial blood gas results are not available and there are dysrhythmias or cardiac arrest, consider the most likely cause is due to acidosis and/or hyperkalemia.

Dextrose IV and insulin

(10 units regular insulin in 50 mL 50% dextrose titrated to potassium level or 0.15 u/kg regular insulin in 1 cc/kg 50% dextrose) to treat hyperkalemia in adults.

Calcium chloride

2 to 5 mg/kg to treat life-threatening hyperkalemia.

Anti-arrhythmic agents

if dysrhythmias persist following treatment of acidosis and hyperkalemia. Life-threatening dysrhythmias should not be treated with calcium channel blocking agents.

Mannitol 0.25/kg IV

Remember that Dantrolene contains 3 grams of Mannitol.

Lasix 1mg/kg

Up to 4 doses to dislodge the myoglobin from the renal tubes and sustain urinary output.



Blood Work to be Considered

Every 10 minutes

- ♦ ABG
- ♦ NA
- ♦ K
- ♦ Chloride
- ♦ Calcium
- ♦ Magnesium
- ♦ Phosphate

Additional Blood work to be considered

- ♦ CPK
- ♦ Alk Phos
- ♦ BUN
- ♦ INR
- ♦ Thyroxine(free T 4) Urine for haemoglobin