

Malignant Hyperthermia Association of the United States

General information

607-674-7901

Hotline

800-MH HYPER

Sample Cases from the Malignant Hyperthermia Hotline

Henry Rosenberg, MD

Ten year old male for appendectomy

- Propofol succinylcholine induction
- Desflurane anesthesia
- MMR
- Tachycardia to 128 bpm,temp 38.1C
- pH 7.34, pCO2 44

What is your advice?

- Dantrolene?
- Cancel surgery?
- Postoperative care?
- Biopsy

Consultants recommendation

- Switch to non-triggers
- Dantrolene 2.5mg/kg
- Observe 48 hrs
- Follow CK and myoglobin
- Insure diuresis
- Advise family

MH Question

Student wishing to enter Veterinary School

What is the risk of developing MH during surgical procedure from background anesthetic concentrations?

Question

I am going to provide anesthesia in an office setting

The surgeon plans to do most cases with local and I will provide propofol

Succinylcholine will be available for emergencies only.

- Do I need a full supply (36 vials) of dantrolene?
- Isn't it very expensive?

Dantrolene supplies

Dantrolene costs about \$2,000 for 36 vials with a three year shelf life

If you have succinylcholine to use, you need dantrolene

Doesn't the office have defibrillator?