MHApp

iPhone App for Malignant Hyperthermia
to help diagnose and treat MH events
MHApp

Select an option

- Suspected MH reaction
- Stored previous MH events
- Masseterspasm
- Sudden arrest in young male
- Clinical Grading Score

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The initial screen asks for trigger agents and a selection of clinical signs.
The crucial steps are confirmed by tapping a button, which then changes from ‘to do’ to ‘done’.
After entering the patient’s weight (either kg or lb) dantrolene dose is calculated.

Dosage for 220 lb:
248 mg Dantrolene
= 12.0 vials of 20 mg each
= 750 ml of 0.33 mg/ml

Dissolve in 60 ml of sterile water, as supplied with dantrolene
Dantrolene dosing now shows the required dose and give to option to create a protocol of given dantrolene flasks.
The protocol (log-file) shows each given dantrolene vial.
Next step is only allowed after completing initial therapy. A preferred MH-hotline is stored and can be called anytime.
secondary treatments (such as hyperkalaemia treatment) are calculated according to the given weight.
The application keeps a history file (log-file) with every action and timestamp.
This log-file can be sent via email (to yourself or to a hotline consultant). The email is editable. Comments can be added and wrong lines deleted.
There is also a module about masseter spasm with recommendations on how to proceed.
The clinical grading scale can be calculated.
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Incomes are split between
- European MH Group (EMHG)
- MH Association of the United States (MHAUS)