

Malignant Hyperthermia Virtual Reality

Perioperative and emergency room clinicians need to be able to identify and manage a patient experiencing malignant hyperthermia. Co-Developed with the Malignant Hyperthermia Association of the United States (MHAUS) and the Association of periOperative Registered Nurses (AORN), Health Scholars VR simulation enables learners to practice the management of malignant hyperthermia in a risk-free environment.

Learning Objectives

- ◆ Demonstrate recognition of early signs and symptoms of MH
- ◆ Identify and discontinue MH triggering agent
- ◆ Provide or ensure prompt airway and ventilatory management
- ◆ Demonstrate call for help, MH cart, code cart, and use of MH checklist
- ◆ Demonstrate effective leadership & teamwork communication skills
- ◆ Dilute and administer the first does of dantrolene within 10 minutes of decision to treat
- ◆ Discern the total dose of dantrolene

The Malignant Hyperthermia VR simulation can be completed in as little as 15 minutes. Learners are reinforcing critical MH identification and management skills in a highly immersive environment, while saving time and resources.

Capabilities

- ◆ Simulation demonstrating a patient experiencing malignant hyperthermia in a realistic operating room environment
- ◆ Users learn and practice crucial malignant hyperthermia managements based on MHAUS guidelines configurable to your own institution's protocols/procedures, including your institution's specific formulary (i.e. Ryanodex, Revonto, Dantrium)
- ◆ Provides a virtual, zero-risk, environment to practice and learn critical MH management skills
- ◆ Provides learners a readiness score, determined by assessing core competencies throughout the simulation
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- ◆ Health Scholars' patent-pending voice technology
- ◆ VR simulation can offer learner 24/7 accessibility which allows for more frequent, independent practice
- ◆ Delivers in application debriefs to reinforce key learning objectives



Schedule a demo today

