

Malignant Hyperthermia Simulation - In-Situ
February 7, 2025
1:00 PM - 4:00 PM

Target Audience:

Professions: Physician (MD or DO), Nurse - RN, Other, Nurse - APRN

Description:

This course is designed for anesthesiologists, nurses, and post-operative healthcare professionals to simulate the diagnosis and management of malignant hyperthermia (MH) in the operating room. The simulation will include scenarios that mimic the signs and symptoms of MH, such as muscle rigidity, tachycardia, and elevated end-tidal carbon dioxide levels. Participants will learn how to recognize the early signs of MH, as well as how to properly use the anesthesia machine and crisis management drugs. The course will also cover the importance of communication and teamwork in the management of MH, as well as the proper use of dantrolene, the drug of choice for treating MH. Upon completion of the course, participants will have a better understanding of how to recognize and manage MH, and will be better equipped to handle such situations in the future.

Learning Objectives:

- 1 Identify signs and symptoms of MH.
- 2 Explain the treatment strategies for MH and secondary sequelae.
- 3 Utilize cognitive aids (on-line algorithm or paper manual) to optimize treatment plan.
- 4 Organize medical management team to divide tasks. Clearly delineate roles.
- 5 Demonstrate communication skills to work as a team with all periop personnel.
- 6 Describe the MH treatment process and logistics.

Accreditation:



In support of improving patient care, The University of Texas MD Anderson Cancer Center is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Credit Designation:

The University of Texas MD Anderson Cancer Center designates this live activity for a maximum of 1.00 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The University of Texas MD Anderson Cancer Center designates this live activity will award 1.00 Nursing Contact Hour(s)

American Board of Anesthesiology MOCA Credit:

This activity contributes to the CME component of the American Board of Anesthesiology's redesigned Maintenance of Certification in Anesthesiology™ (MOCA®) program, known as MOCA 2.0®. Please consult the ABA website, www.theABA.org, for a list of all MOCA 2.0 requirements. Participant completion data will be shared with and transmitted to ACCME on the participant's behalf.

This activity offers up to 1.00 CME credits, of which 1.00 credits contribute to the patient safety CME component of the American Board of Anesthesiology's redesigned Maintenance of Certification in Anesthesiology™ (MOCA®) program, known as MOCA 2.0®.

Contact us: MDAnderson-CPE@mdanderson.org

PEP Website: www.mdanderson.cloud-cme.com

Disclosure of Financial Relationships:

The University of Texas MD Anderson Cancer Center adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CE activity, including faculty, planners, reviewers or others are required to disclose all financial relationships with ineligible entities (commercial interests). All relevant conflicts of interest have been mitigated prior to the commencement of the activity.

Faculty & Planner Disclosure:

Name of individual	Individual's role in activity	Nature of Relationship(s) / Name of Ineligible Company(s)
daryl gumban, MSN	Nurse Planner	Nothing to disclose - 02/28/2024
Elena Shlimak, MSN	Faculty	Nothing to disclose - 02/04/2025
Jessica K Brown, MD	Activity Director	Nothing to disclose - 02/28/2024
Acsa Zavala, MD	Faculty	Nothing to disclose - 04/15/2024
Elizabeth Silva, CRNA, CRNA	Faculty	Nothing to disclose - 02/03/2025

Notice:

If this activity offers MOC, learner data (e.g., board member ID, first name, last name, DOB (MM/DD), CME credit data) will be shared with the ACCME and the applicable certifying boards.

REQUIREMENTS FOR SUCCESSFUL ACTIVITY COMPLETION:

To claim CE credits or contact hours for this activity, the participant must:

- **Have a profile in Professional Education Portal (PEP):**
 1. Create an account and complete profile in (PEP).
 2. Pair your email address to PEP (must use email address used to create PEP account). This is a **one-time** step in order to log your attendance using the text messaging feature in the future. Pairing your phone to the system is done by sending a **text** of your **email address** to **1-844-912-1333**.
- **Register** for and attend all sessions of this activity.
- **Record Attendance:** During the activity, the learner will TEXT the code: to **1-844-912-1333**. Learners have up to 24 hours after the activity has ended to text this code in order to record attendance.
- **Evaluation:** Complete the participant evaluation in PEP within 30-days.
- **Claim Credit:** Claim your CE credits. Learners should claim only the credit commensurate with the extent of their participation in the activity.

REQUIREMENTS TO EARN MOC POINTS (Physicians Only):

- Complete the above requirements for successful activity completion.
- Click the MOC Test button.
- Complete your profile information (Specialty Board Diplomate ID and Date of Birth MM/DD) .
- Complete the MOC test. A passing score of 70% or higher is required. Unlimited attempts are allowed.

Commercial Support:

No commercial support has been received for this activity.

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