



California Health Sciences University

COLLEGE OF OSTEOPATHIC MEDICINE (COM)

SIMULATION STORAGE & MAINTENANCE OF EQUIPMENT & SUPPLIES

PURPOSE

This CHSU Simulation Center Policy is to ensure that all manikins, medical equipment, and supplies are maintained appropriately for safe use to prevent disruptions of effective participate learning.

SCOPE

This policy affects all users (internal and external) of the Simulation Center including simulation personnel that oversee all equipment and supplies kept in the Simulation Center for program use.

POLICY STATEMENT

The Simulation Center and Program adheres to the Society for Simulation in Healthcare Accreditation Standards and the International Nursing Association for Clinical Simulation and Learning Healthcare Simulation Standards of Best Practice™ Operations.

Due to the cost of manikins and certain equipment, special considerations are needed before use. All users desiring to work with this advanced technology and task trainers are required to attend an orientation, training, and validation. In general, only Simulation Center staff and others having received training will run all manikins during all simulation events. Specific equipment requires training prior to use:

- Fully computerized manikins
- Skills practice task trainers
- HoloLens for holographic anatomy
- Hand-held Ultrasound Butterfly



California Health Sciences University

The Simulation Center Director or designee either approves or denies requests for use of Simulation Center equipment offsite. Approval is based on availability, need, appropriateness, and past check out history. Equipment and/or manikins requested for use outside the Simulation Center are accompanied by Simulation Center staff or approved trained designee.

For safety reasons, only under direct faculty supervision will sharps, i.e. needles, scalpels, ampules be allowed to be taken out of the center to a classroom setting.

All preparation is done by simulation center staff in collaboration and at the request of the CHSU faculty facilitating the simulation event.

At the end of each semester, the Simulation Center will be on a limited schedule for extensive maintenance and cleaning as needed. Requests for new or additional supplies should be done no less than six weeks in advance because supply delivery and availability cannot be guaranteed.

DEFINITIONS

- A. Manikin – A life-sized human like simulator representing a patient for healthcare simulation and education. Can be a full or partial body used for practice.
- B. Task Trainer – A model that represents a part or region of the human body designed to train in just the key elements of the procedure or skill being learned.

REFERENCES

Lopreiato JO (Ed.). (2016). Healthcare simulation dictionary, Rockville, MD: Agency for Healthcare Research and Quality.

RELATED INFORMATION AND PROCEDURES

- A. Maintaining current simulation and technology is the responsibility of the entire simulation center staff and each is aware of changes that will aide in running a more efficient center,



California Health Sciences University

including technical updates of software for all systems. This includes paying attention to simulation sites and vendors' updates.

- B. Care and maintenance of the equipment is done after each use and as needed by the program's Assistant Manager Simulation Operations and/or Simulation Technicians. All equipment must be handled carefully and stored in designated areas to ensure protection from damage.
- C. Cleaning and preventative maintenance of manikins and equipment is done according to manufacturer's recommendations found in equipment manuals. Cleaning is done after extended use, application of moulage, or as needed.
- D. Equipment used in skills training is maintained in full safe working order under warranties or according to manuals used by simulation operations technicians.
- E. Any equipment found broken or in disrepair is pulled from use until such time it is either repaired or retired. If there is damage to any equipment, manikin, or task trainer, a full disclosure to a member of the Simulation Center staff who uses a Request for Equipment Repair Form.
- F. Many supplies are necessary to create a realistic environment. These supplies are tracked as inventory and ordered as needed for replacement based on the approved academic year budget. Supply inventory includes an annual inventory audit.
- G. All needles are disposed in red sharps containers which when full are sent for incineration. Any blood residue from a person is placed in the red infectious waste container bags and sent for incineration.
- H. Only approved lubricant will be used when inserting any objects in the manikins. (E.g. catheters, NG tubing, endotracheal tubes, etc.),
- I. Use of felt tip, ink pens, or Betadine are prohibited around and on manikins and skills trainers.
- J. All users within the Simulation Center are to use all equipment with care and report any damaged equipment immediately to the Simulation Center staff.

All persons using the Simulation Center are responsible to clean-up following an event. Simulation staff will do all break-down and clean-up of manikins and medical equipment ensuring proper storage.



California Health Sciences University

K. Equipment and supplies no longer being used for training will be disposed of per CHSU policy.

RESPONSIBILITIES

The Simulation Center Director and staff are custodians of manikins, equipment, and supplies. All users (faculty and staff) have responsibility to uphold this policy

HISTORY (R*)

Approval Date:

7/5/2023

09/06/2019

Revision Date(s):

4/4/23

Reviewed Date(s):

7/5/2023

R: COM Dean

A: Simulation Center Director, Associate Dean for Osteopathic Clinical Education and Simulation

C: COM Faculty and Staff, CHSU Chief Financial Officer, CHSU Assistant Controller, CHSU Legal Counsel, CHSU Policy Development Committee

I: CHSU Community