

Section: UTMB On-line Documentation	2.07 - Policy
Subject: Infection Control & Healthcare Epidemiology Policies and Procedures	3.13.24 - Updated
Topic: 2.07 - Education Lab/Training Center CPR Mannequin Training	1994 - Author

2.07 Education Lab/Training Center CPR Mannequin Training

Purpose	To provide cardiopulmonary resuscitation (CPR) training with mannequins and provide guidelines for appropriate mannequin disinfection between users, and maintenance after courses.
Audience	All employees of UTMB hospitals and clinics, contract workers, volunteers, and students who use CPR mannequins
Policy	<ul style="list-style-type: none"> • Participants shall be told in advance that the training sessions will involve “close physical contact” with their fellow participants. • Participants or instructors shall postpone CPR training if they are known to be in the active stages of an infectious disease, have reason to believe they have been exposed to an infectious disease, or have open sores on their hands, mouth, or face. Participants or instructors with acute illnesses will need to reschedule training. • All persons responsible for CPR training shall be thoroughly familiar with hygienic concepts (e.g., washing hands thoroughly before mannequin contact, not eating during class to avoid contamination of mannequins with food particles) as well as procedures for cleaning and maintaining mannequins and accessories (e.g., face shields, face mask). Mannequins shall be routinely inspected for signs of physical deterioration, such as cracks or tears in plastic surfaces that could make thorough cleaning difficult or impossible. The clothes and hair of mannequins shall be washed periodically, e.g., monthly or if obviously soiled. • During the teaching of two-rescuer CPR, there is no opportunity to disinfect the mannequin between participants when the switching procedure is practiced. To limit the potential for disease transmission during this exercise, the second participant taking over ventilation on the mannequin shall simulate ventilation instead of blowing into the mannequin. • Each time a different participant uses the mannequin in a training class, the individual protective shield, if used, shall be changed. Between participants or after the instructor demonstrates a procedure, such as clearing an obstruction from the airway, the mannequin face and the inside of the mouth shall be wiped vigorously with the clean, with an alcohol wipe (70% isopropanol or ethanol).

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Mannequin Decontamin- ation

- At the end of each class, the procedures listed below shall be followed as soon as possible to avoid drying of contaminated secretions on mannequin surfaces. **Personnel conducting mannequin disassembly (if needed) and decontamination shall wear protective gloves during these procedures:**
 - All surfaces, including the upper chest foam and skin, are to be sanitized using manufacturer approved disinfectant wipes. Refer to Appendix A and B for detailed cleaning information.
 - The face skin will also be sanitized with alcohol wipes (70% isopropanol or ethanol) if mouth-to-mouth resuscitation is practiced.
 - Those responsible for the use and maintenance of CPR mannequins shall be encouraged not to rely totally on the mere presence of a disinfectant to protect them and the participants from cross-infection during training programs. Emphasis shall be placed on the necessity of thorough physical cleaning (scrubbing, wiping) as the first step in an effective decontamination protocol.

Reference

1. American Heart Association: AHA Guidelines for CPR and ECC, 2020.
2. Preston. (2020). *Prestan Professional Mannequin, Infant Mannequin. Use and Care Instruction Sheet*. Preston Products, LLC. [Prestan Professional Adult Instructions](#)
3. Preston. (2020). *Prestan Professional Mannequin, Adult Mannequin. Use and Care Instruction Sheet*. Preston Products, LLC. [Microsoft Word - 11153-RevE-Prestan-Professional-Adult-Manikin-Instruction-Sheet.doc](#)

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APPENDIX A

Prestan Professional ADULT MANIKINS



CLEANING

- The face and the body skin of the Prestan® Professional Manikin is made out of the same material and can be cleaned in the same manner.
- If the material becomes dirty, clean with a mixture of soap and water. If the area is extremely dirty, common household cleaners such as Formula 409®, Windex® or Vim® may be used. Non-bleach wipes such as Clorox® or Lysol® disinfecting wipes are convenient and work well. It is recommended that the use of these cleaners be done cautiously with minimum amount of abrasion to insure the life of the skin.
- A melamine foam eraser such as Mr. Clean® Magic Eraser® or Scotch-Brite™ Easy Erasing Pad may be used cautiously for stains.
- Cleaners containing wax, oil, or citrus (d-Limonene) are not recommended.
- Any cleaner not listed/recommended above may be tested in a non-visible area of the manikin. Open the manikin's torso chest and test the cleaner on the underside. Monitor for 24 hours. Should there be an undesirable reaction, the cleaner should not be used on the manikin.
- The face skin may also be sanitized with alcohol wipes or soaked in a solution of 1/4 cup bleach mixed with one gallon of water for 10 minutes. Between student uses, the instructor (or student) may clean the faces off with an alcohol wipe as an extra measure of safety.
- Don't forget to wipe the upper chest foam and skin in the same way in order to sanitize the inside of the manikin as well.
- Replacement skins for the face and torso may be purchased from your Prestan Authorized Distributor.

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APPENDIX B

Prestan Professional INFANT MANIKINS



CLEANING

- The face and the body skin of the Prestan® Professional Manikin is made out of the same material and can be cleaned in the same manner.
- If the material becomes dirty, clean with a mixture of soap and water. If the area is extremely dirty, common household cleaners such as Formula 409®, Windex® or Vim® may be used. Non-bleach wipes such as Clorox® or Lysol® disinfecting wipes are convenient and work well. It is recommended that the use of these cleaners be done cautiously with minimum amount of abrasion to insure the life of the skin.
- A melamine foam eraser such as Mr. Clean® Magic Eraser® or Scotch-Brite™ Easy Erasing Pad may be used cautiously for stains.
- Cleaners containing wax, oil, or citrus (d-Limonene) are not recommended.
- Any cleaner not listed/recommended above may be tested in a non-visible area of the manikin. Open the manikin's torso chest and test the cleaner on the underside. Monitor for 24 hours. Should there be an undesirable reaction, the cleaner should not be used on the manikin.
- The face skin may also be sanitized with alcohol wipes or soaked in a solution of 1/4 cup bleach mixed with one gallon of water for 10 minutes. Between student uses, the instructor (or student) may clean the faces off with an alcohol wipe as an extra measure of safety.
- Don't forget to wipe the upper chest foam and skin in the same way in order to sanitize the inside of the manikin as well.
- Replacement skins for the face and torso may be purchased from your Prestan Authorized Distributor.