

University of Texas Medical Branch Sleep Disorder Center Policy: 08.04.01 Cleaning and Maintenance of Equipment, Sensors, and Patient Rooms	Effective Date: February 2013 Revised Date: February 2013 Review Date:
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Cleaning and Maintenance of Equipment, Sensors, and Patient Rooms

- Audience:** All personnel in the Sleep Disorder Center.
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- Purpose:** A routine schedule for the cleaning and maintenance of equipment helps assure accurate and uninterrupted operation of equipment throughout the study.
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- Policy:** All patient-related equipment will be cleaned and maintained on a regular basis consistent with manufacturer recommendations, as well as institution and OSHA requirements.
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- Procedure:** **Cleaning and Disinfection Instructions**
- Equipment:
- Don gown, gloves and goggles
 - Every mask frame, cushion, head gear, hose, and any accessories must first be washed/soaked in enzymatic cleanser prior to disinfection.
 - *Washing* – items will be washed using enzymatic detergent. The items will be scrubbed inside and out using an appropriate scrub brush and then rinsed thoroughly before disinfection
 - *Disinfection* – CPAP masks, tubing, headgear, and humidifiers will be disinfected by soaking them in Cidex OPA solution for manufacturer’s recommended time. This achieves a high level of disinfection.
 - All masks frames, cushions and any accessories must be disinfected according to the *mask manufacturer’s instructions*.
 - Each manufacturer has instructions on how to clean/disinfect and rinse each part of the mask.
 - Soak and rinse times may differ for each manufacturer – please refer to the specific guidelines for each manufacturer located in the Cleaning and Disinfection Procedure book.
 - Each manufacturer’s mask has a maximum number of cycle validations. Once the maximum cycle is reached the entire unit (mask frame, cushion, head gear, and accessories) must be discarded.
 - Each time a mask is disinfected, notation of the date, mask number, Cycle number, discard date (if applicable), and soak time should be entered in the Mask/Hose Disinfection and Cycle Validation log.
 - Following disinfection, place mask and components in dryer.
 - Once dry, with gloved hands, reassemble the corresponding mask, cushion, accessories and head gear according to their numbered descriptions. They must stay together as a unit.
 - Head gear must be washed with liquid detergent then placed in the dryer.

- Hoses are to be soaked in the Cidex OPA solution for 12 minutes (refer to manufacturer guidelines) then rinsed thoroughly and allowed to air dry out of direct sunlight.
 - Each time a hose is disinfected, notation of the date, hose number, Cycle number, discard date (if applicable), and soak time should be entered in the Mask/Hose Disinfection and Cycle Validation log.
- Effort belts should be washed weekly or whenever contact is made with the patient's skin. Each buckle and wire should be wiped with Cavicide wipes and allowed to air dry.
- The surface of the CPAP machines and the pulse oximeters will be wiped down daily by using Cavicide wipes.
- EEG electrodes are pre-cleaned with a nailbrush and warm water. The gold cups and wires of the electrodes are then thoroughly cleaned with Cavicide and allowed to air dry. There should be NO residual paste left on any part of the electrode cup or wire.
 - Soak electrodes in hot water for easier removal of electrode paste. This can be done by soaking the electrodes in a sink or cup filled with hot water for at least 10 minutes.
- Leg leads, thermistors, and snore sensors should be wiped clean using Cavicide wipes and allowed to air dry.
- All single use patient items (EKG pads, nasal cannulas, oximetry probe wraps) should be disposed of properly.

Room Maintenance:

The following steps should be taken after patients have been released from the polysomnography study (*Note: Gloves should be worn at all times when performing these tasks*):

- All linen and towels should be removed from the rooms and placed in a dirty linen bag.
 - Take dirty linen bag to laundry room located in the General Clinical Research Center (GCRC). Wash items using hot wash and rinse cycles, then dry on permanent press. Fold and put away in the Control Room.
- Using a Cavicide wipe, disinfect the plastic mattress and pillow covers allowing ample time to air dry.
- Place clean linen on the bed. Finish making the bed by adding blankets, bedspreads, and decorative pillows.
- Replace clean towels after housekeeping has serviced the room and bathroom.
- Turn off patient intercoms, video monitoring equipment, and lights prior to locking up rooms.

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