

**OLIVE VIEW-UCLA MEDICAL CENTER  
RESPIRATORY CARE SERVICES – SLEEP MEDICINE  
POLICY & PROCEDURE**

**NUMBER: 5929  
VERSION: 1**

**SUBJECT/TITLE: CLEANING AND MAINTENANCE OF EQUIPMENT AND SENSORS**

**POLICY:** To describe the procedure(s) for cleaning and maintaining equipment used in the sleep center to minimize infection and reduce the spread of germs from patient to patient. Items to be cleaned and maintained include electrodes, monitors CPAP equipment for recording patients in sleep studies portable sleep study devices. Other items include recorders, computer monitors and miscellaneous equipment used in the center.

**PURPOSE:** All equipment will be cleaned in accordance with the approved procedures. Cleaning is to be performed by staff members, and for some items, by the central cleaning service.. Cleaning of patient equipment and positive-airway-pressure equipment is to be performed during the shift on which the study is completed. The sleep laboratory is to be cleaned and straightened by the end of each shift. Other cleaning is to be done as needed but will generally be completed during the day shift. Deviations from these procedures must be documented in writing.

**DEPARTMENTS: RESPIRATORY CARE SERVICES**

**DEFINITIONS:**

**PROCEDURE:**

ITEM	PATIENT EQUIPMENT	
	FREQUENCY	PROCEDURE
1. O <sub>2</sub> Cannula/Gas Tubing (If used)	After each use	Disposable
2. Pressure sensors cannulas	After each use	Disposable
3. EEG, EMG, Electrodes	After each use	Wash in hot, soapy water. Use scrub brush, if necessary, to remove electrode paste from cup. Wipe with a germicidal wipes.
4. Junction Boxes	After each use	Wipe with damp cloth or damp germicidal cloth.

**SUBJECT/TITLE: CLEANING AND MAINTENANCE OF EQUIPMENT AND SENSORS****Policy Number: 5929****Page Number: 2****PATIENT EQUIPMENT**

ITEM	FREQUENCY	PROCEDURE
5. Respiratory Bands	After each use	Wipe down with a disposable germicidal cloth.
6. Oximeter Probe and Cord	After each use	Wipe with damp germicidal cloth.
7. Thermistor	After each use	Wipe with disposable germicidal cloth. Then spray with a germicidal spray.
8. Beds	After each use	Cleaned by environmental services. (housekeeping)

**PORTABLE SLEEP STUDY DEVICES**

ITEM	FREQUENCY	PROCEDURE
1. Airflow sensors	After each use	Disposable
2. Oximetry sensor	After each use	Disposable
3. Effort belts	After each use	Disposable
1. Carrying case	After each use	Wipe with disposable germicidal cloth.

**PAP EQUIPMENT CLEANING**

ITEM	STUDY DEVICES FREQUENCY	PROCEDURE
1. Masks	After each use	Patient takes mask home or it is sent to central supply for sterilization.

**SUBJECT/TITLE: CLEANING AND MAINTENANCE OF EQUIPMENT AND SENSORS****Policy Number: 5929****Page Number: 3**

ITEM	STUDY DEVICES FREQUENCY	PROCEDURE
2. Humidifier (if used)	After each use	Wash in hot soapy water. Rinse well. Air dry.
3. Headgear/Chin Strap	After each use	Home with patient or to central processing.
4. Hoses	After each use	Wash in hot soapy water. Rinse well air dry, or send to central supply.

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