

**HACKETTSTOWN REGIONAL MEDICAL CENTER
CENTER FOR SLEEP RELATED DISORDERS
CALIBRATION PROCEDURES**

=====

Effective Date: June, 2010

Policy No: 7.025

Cross Referenced:

Origin: Center for Sleep Disorders

Reviewed Date: 04/12

Authority: Cardio/Pulmonary Manager

Revised Date:

Page: 1 of 1

PURPOSE: Standard schedules and procedures for calibrating all equipment used for the acquisition of data during sleep studies assure the accuracy and integrity of the recording.

POLICY: All patient related equipment that requires calibration is calibrated prior to and after each study and pre and post calibration signals are stored. Both machine and patient calibrations are performed.

PROCEDURE:

1. Patient calibrations signals are obtained Pre and Post testing by requesting the patient perform a series of movements. (i.e. Eyes closed, Eyes open, Look Left and Right, Look Up and Down, etc.) All movements in accordance with AASM recommended guidelines.
2. Mechanical calibration signals testing amplifiers, etc. are performed Pre and Post testing ensure adequate signal quality as well as impedance checks.