

University of Texas Medical Branch Center for Sleep Disorders Policy: Montages	Effective Date: 4/1/18 Revised Date: 2/19/18 Campus: ADC
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## MONTAGES

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### PURPOSE

Standard montage configurations ensure consistency of recordings and contribute to accurate interpretation of sleep studies.

### POLICY

Each procedure in the facility uses a standard montage that is consistent with the AASM practice parameters, clinical guidelines, clinical practice guidelines and the *AASM Scoring Manual*.

### PROCEDURE

List the specific montages for diagnostic studies, PAP titrations, MSLT and MWT along with filter and sensitivity settings used.

#### Diagnostic:

Label	Low Frequency Filter	High Frequency Filter	Desirable/Minimal Sampling Rates
F3-M2	0.3Hz	35Hz	500Hz/200Hz
F4-M1	0.3Hz	35Hz	500Hz/200Hz
C3-M2	0.3Hz	35Hz	500Hz/200Hz
C4-M1	0.3Hz	35Hz	500Hz/200Hz
O1-M2	0.3Hz	35Hz	500Hz/200Hz
O2-M1	0.3Hz	35Hz	500Hz/200Hz
ROC	0.3Hz	35Hz	500Hz/200Hz
LOC	0.3Hz	35Hz	500Hz/200Hz
Chin	10Hz	100Hz	500Hz/200Hz
Snore	10Hz	100Hz	500Hz/200Hz
ECG	0.3Hz	70Hz	500Hz/200Hz
RAT	10Hz	100Hz	500Hz/200Hz
LAT	10Hz	100Hz	500Hz/200Hz
Flow (Thermistor)	0.1Hz	15Hz	100Hz/25Hz
Flow (PTAF)	0.1Hz	15Hz	100Hz/25Hz
Chest (RIP)	0.1Hz	15Hz	100Hz/25Hz
Abdomen (RIP)	0.1Hz	15Hz	100Hz/25Hz
Polyvinylidene (PVDF)	0.1Hz	15Hz	100Hz/25Hz
Esophageal Manometer			
SpO <sub>2</sub>	25Hz	10Hz	25Hz/10Hz
Pulse	0.3Hz	70Hz	500Hz/200Hz

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### Nasal CPAP studies:

Label	Low Frequency Filter	High Frequency Filter	Desirable/Minimal Sampling Rates
F3-M2	0.3Hz	35Hz	500Hz/200Hz
F4-M1	0.3Hz	35Hz	500Hz/200Hz
C3-M2	0.3Hz	35Hz	500Hz/200Hz
C4-M1	0.3Hz	35Hz	500Hz/200Hz
O1-M2	0.3Hz	35Hz	500Hz/200Hz
O2-M1	0.3Hz	35Hz	500Hz/200Hz
ROC	0.3Hz	35Hz	500Hz/200Hz
LOC	0.3Hz	35Hz	500Hz/200Hz
Chin	10Hz	100Hz	500Hz/200Hz
Snore	10Hz	100Hz	500Hz/200Hz
ECG	0.3Hz	70Hz	500Hz/200Hz
RAT	10Hz	100Hz	500Hz/200Hz
LAT	10Hz	100Hz	500Hz/200Hz
CPAP	DC	DC	100Hz/25
Flow Transducer	0.1Hz	15Hz	100Hz/25
Chest (RIP)	0.1Hz	15Hz	100Hz/25
Abdomen (RIP)	0.1Hz	15Hz	100Hz/25
SpO <sub>2</sub>	25Hz	10Hz	25Hz/10Hz
Pulse	0.3Hz	70Hz	500Hz/200Hz
Chest (RIP)	0.1Hz	15Hz	100Hz/25
Abdomen (RIP)	0.1Hz	15Hz	100Hz/25
SpO <sub>2</sub>	25Hz	10Hz	25Hz/10Hz
Pulse	0.3Hz	70Hz	500Hz/200Hz

### MSLT/MWT studies:

Label	Low Frequency Filter	High Frequency Filter	Desirable/Minimal Sampling Rates
F3-M2	0.3Hz	35Hz	500Hz/200Hz
F4-M1	0.3Hz	35Hz	500Hz/200Hz
C3-M2	0.3Hz	35Hz	500Hz/200Hz
C4-M1	0.3Hz	35Hz	500Hz/200Hz
O1-M2	0.3Hz	35Hz	500Hz/200Hz

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O2-M1	0.3Hz	35Hz	500Hz/200Hz
ROC	0.3Hz	35Hz	500Hz/200Hz
LOC	0.3Hz	35Hz	500Hz/200Hz
Chin	10Hz	100Hz	500Hz/200Hz
Snore	10Hz	100Hz	500Hz/200Hz
ECG	0.3Hz	70Hz	500Hz/200Hz