

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

**NUMBER: 8999
VERSION: 1**

SUBJECT/TITLE: MONTAGES

POLICY: Each procedure in the center uses a standard montage that is consistent with the AASM practice parameters and clinical guidelines.

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

DEPARTMENTS: RESPIRATORY CARE SERVICES

DEFINITIONS: Montages are the combinations of channels and detectors the sleep lab uses to best diagnosis sleep disorders.

PROCEDURE: Diagnostic Studies:

Label	SAMPLING RATES MIN. / DESIRABLE	LOW FREQUENCY FILTER	HIGH FREQUENCY FILTER
F3=M2	200Hz / 500Hz	0.3Hz	35Hz
F4=M1	200Hz / 500Hz	0.3Hz	35Hz
C3=M2	200Hz / 500Hz	0.3Hz	35Hz
C4=M1	200Hz / 500Hz	0.3Hz	35Hz
O1=M2	200Hz / 500Hz	0.3Hz	35Hz
O2=M1	200Hz / 500Hz	0.3Hz	35Hz
ROC	200Hz / 500Hz	0.3Hz	35Hz
LOC	200Hz / 500Hz	0.3Hz	35Hz
CHIN	200Hz / 500Hz	10Hz	100Hz
SNORE	200Hz / 500Hz	10Hz	100Hz
ECG	200Hz / 500Hz	0.3Hz	70Hz
RAT	200Hz / 500Hz	10Hz	100Hz
LAT	200Hz / 500Hz	10Hz	100Hz
FLOW (PTAF)	25Hz / 100Hz	0.1Hz	15Hz
FLOW (Thermistor)	25Hz / 100Hz	0.1Hz	15Hz
CHEST (RIP)	25Hz / 100Hz	0.1Hz	15Hz
ABDOMEN (RIP)	25Hz / 100Hz	0.1Hz	15Hz
SP02	2Hz / 25Hz	None	None
PULSE	2Hz / 25Hz	None	None

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PAP Studies:

Label	SAMPLING RATES MIN. / DESIRABLE	LOW FREQUENCY FILTER	HIGH FREQUENCY FILTER
F3=M2	200Hz / 500Hz	0.3Hz	35Hz
F4=M1	200Hz / 500Hz	0.3Hz	35Hz
C3=M2	200Hz / 500Hz	0.3Hz	35Hz
C4=M1	200Hz / 500Hz	0.3Hz	35Hz
O1=M2	200Hz / 500Hz	0.3Hz	35Hz
O2=M1	200Hz / 500Hz	0.3Hz	35Hz
ROC	200Hz / 500Hz	0.3Hz	35Hz
LOC	200Hz / 500Hz	0.3Hz	35Hz
CHIN	200Hz / 500Hz	10Hz	100Hz
SNORE	200Hz / 500Hz	10Hz	100Hz
ECG	200Hz / 500Hz	0.3Hz	70Hz
RAT	200Hz / 500Hz	10Hz	100Hz
LAT	200Hz / 500Hz	10Hz	100Hz
CPAP PRESSURE	25Hz / 100Hz	None	None
CPAP FLOW	25Hz / 100Hz	None	None
CHEST (RIP)	25Hz / 100Hz	0.1Hz	15Hz
ABDOMEN (RIP)	25Hz / 100Hz	0.1Hz	15Hz
SP02	2Hz / 25Hz	None	None
PULSE	2Hz / 25Hz	None	None

MSLT/MWT Studies:

Label	SAMPLING RATES MIN. / DESIRABLE	LOW FREQUENCY FILTER	HIGH FREQUENCY FILTER
F3=M2	200Hz / 500Hz	0.3Hz	35Hz
F4=M1	200Hz / 500Hz	0.3Hz	35Hz
C3=M2	200Hz / 500Hz	0.3Hz	35Hz
C4=M1	200Hz / 500Hz	0.3Hz	35Hz
O1=M2	200Hz / 500Hz	0.3Hz	35Hz
O2=M1	200Hz / 500Hz	0.3Hz	35Hz
ROC	200Hz / 500Hz	0.3Hz	35Hz
LOC	200Hz / 500Hz	0.3Hz	35Hz
CHIN	200Hz / 500Hz	10Hz	100Hz
ECG	200Hz / 500Hz	0.3Hz	70Hz

References:	
Approved by: Jeanne Wallace (Division Chief)	Date: 08/31/2017
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