

**HACKETTSTOWN REGIONAL MEDICAL CENTER
 CENTER FOR SLEEP RELATED DISORDERS
 MONTAGES**

Effective Date: June, 2010
Cross Referenced:
Reviewed Date: 04/12
Revised Date:

Policy No: 7.024
Origin: Center for Sleep Disorders
Authority: Cardio/Pulmonary Manager
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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 center uses standard montages, which meet published guidelines and requirements.

PROCEDURE:

Montage for Diagnostic Studies:

Channel #	Parameter	Derivation	Sensitivity	Low filter	Time Constant	High Filter
1	EEG	F3/M2	5uv/mm	0.3	0.24	30
2	EEG	F4/M1	5uv/mm	0.3	0.24	30
1	EEG	C3/M2	5uv/mm	0.3	0.24	30
2	EEG	C4/M1	5uv/mm	0.3	0.24	30
3	EEG	O1/M2	5uv/mm	0.3	0.24	30
4	EEG	O2/M1	5uv/mm	0.3	0.24	30
5	LEOG	LEOG/M2	5uv/mm	0.3	0.24	30
6	REOG	REOG/M1	5uv/mm	0.3	0.24	30
7	Chin EMG	Chin EMG	1uv/mm	10.0	0.	100
8	Snore					
9	EKG	EKG1/EKG2	variable	0.3	0.1	30
10	SaO ₂					
11	LLEG			10.0	0.	100
12	RLEG			10.0	0.	100
13	Airflow					
14	Nasal Pressure					
15	ThorEffort					
16	AbdoEffort					
17	Position					

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Montage for PAP studies:

Channel #	Parameter	Derivation	Sensitivity	Low filter	Time Constant	High Filter
1	EEG	F3/M2	5uv/mm	0.3	0.24	30
2	EEG	F4/M1	5uv/mm	0.3	0.24	30
3	EEG	C3/M2	5uv/mm	0.3	0.24	30
4	EEG	C4/M1	5uv/mm	0.3	0.24	30
5	EEG	O1/M2	5uv/mm	0.3	0.24	30
6	EEG	O2/M1	5uv/mm	0.3	0.24	30
7	LEOG	LEOG/M2	5uv/mm	0.3	0.24	30
8	REOG	REOG/M1	5uv/mm	0.3	0.24	30
9	Chin EMG	Chin EMG	1uv/mm	10.0	0.0	100
10	Snore					
11	EKG	EKG1/EKG2	variable	0.3	0.1	30
12	SaO ₂					
13	LLEG			10.0?	0.0	100?
14	RLEG			10.0?	0.0	100?
15	CPAP Flow					
16	ThorEffort					
18	AbdoEffort					
19	SaO ₂					
20	Position					

Montage for MSLT/MWT:

Channel #	Parameter	Derivation	Sensitivity	Low filter	Time Constant	High Filter
1	EEG	F3/M2	5uv/mm	0.3	0.24	30
2	EEG	F4/M1	5uv/mm	0.3	0.24	30
1	EEG	C3/M2	5uv/mm	0.3	0.24	30
1	EEG	C4/M1	5uv/mm	0.3	0.24	30
2	EEG	O1/M2	5uv/mm	0.3	0.24	30
2	EEG	O2/M1	5uv/mm	0.3	0.24	30
3	LEOG	LEOG/M2	5uv/mm	0.3	0.24	30
4	REOG	REOG/M1	5uv/mm	0.3	0.24	30
5	Chin EMG	Chin EMG	1uv/mm	10.0		100
6	EKG	EKG	EKG1/EKG2	0.3	0.1	30

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