

Clinical Validation

SLEEPVIEW + WEB PORTAL



EXCEEDING AASM GUIDELINES₄

✓ Airflow

Pressure transducer and/or thermistor

✓ Respiratory effort

Respiratory Inductive Plethysmography (RIP) Biosensor (uncalibrated)

✓ Blood oxygenation

Finger pulse oximetry with fast sampling rate and high resolution
Heart rate is derived from oximetry data

----- PLUS MORE -----

+ Snore

Derived from airflow

+ Event detection

Automatic respiratory event detection

+ Sleep time

Estimate of total sleep time

+ Body positions

Supine, prone, left, right and upright

SCOPER₅ SCORES

	0	5	4	3	2	1
Sleep				3*		
Cardiovascular			4			
Oximetry						1
Position					2	
Effort					2	
Respiration						1

The highest SCOPER score is 1

CLINICAL STUDIES



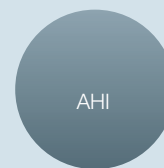
83% Sensitivity
when compared to in-lab AHI₁



90% Correlation
when compared to in-lab total sleep time₂



91% Correlation
when compared to in-lab manual scoring₃



100% Specificity
when compared to in-lab AHI₁

SUMMARY

- SleepView **exceeds** American Academy of Sleep Medicine (AASM) guidelines for home sleep testing
- SleepView **scores high** on SCOPER
- SleepView offers high clinical benefit and **improved access** to patients₄
- Significant **cost efficiency** to payers
- **Continuum of care** from providers

1 Andrews, N. Accuracy of Total Sleep Time Calculation Using Portable Monitoring. Presented at Sleep 2012 | 2 Foldvary-Schaefer, N. Accuracy of Automated Respiratory Scoring Algorithm Using Portable Monitoring. Presented at Sleep 2011 | 3 Collop, N. Clinical Guidelines for the Use of Unattended Portable Monitors in the Diagnosis of Obstructive Sleep Apnea in Adult Patients. Journal of Clinical Sleep Medicine, Vol. 3, No. 7, 2007 | 4 "Obstructive Sleep Apnea Devices for Out-Of-Center (OOC) Testing: Technology Evaluation" Journal of Clinical Sleep Medicine, Volume 07 No. 05, 2011 | *Score is based on SleepView with Web Portal



Expanding the reach of your sleep services today and tomorrow

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