Clinical Validation
SLEEPVIEW + WEB PORTAL

SleepView® Monitor — Thermistor, Cannula, PulseOX, Belt, Power, ON, OFF

EXCEEDING AASM GUIDELINES[4]

✓ **Airflow**
Pressure transducer with Thermal biosensor

✓ **Respiratory effort**
Respiratory Inductive Plethsymography (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

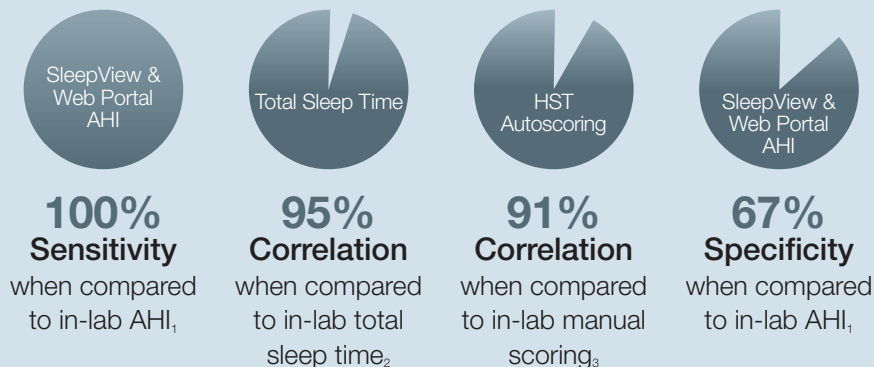+ **Sleep time**
Estimate of total sleep time

+ **Body positions**
Supine, prone, left, right and upright

SCOPER[5] 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

100% Sensitivity
SleepView & Web Portal AHI
when compared to in-lab AHI[1]

95% Correlation
Total Sleep Time
when compared to in-lab total sleep time[2]

91% Correlation
HST Autoscoring
when compared to in-lab manual scoring[3]

67% Specificity
SleepView & Web Portal AHI
when compared to in-lab AHI[1]

CLINICAL CONCLUSIONS

- 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 patients[4]
- Significant **cost efficiency** to payers
- **Continuum of care** from providers

1 Kayyali, H. Web-Based Home Sleep Testing. In publication, 2013 | 2 Andrews, N. Accuracy of Total Sleep Time Calculation Using Portable Monitoring. Presented at Sleep 2012 | 3 Foldvary-Schaefer, N. Accuracy of Automated Respiratory Scoring Algorithm Using Portable Monitoring. Presented at Sleep 2011 | 4 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 | 5 "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

Sleep Lab Methodology in the comfort of home ✓

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