## SMART HOME SLEEP MONITOR



## Rest Easy and Avoid Costly Sleep Clinic Testing and Monitoring

Frequent, loud snoring is a symptom of Sleep Apnea, a sleep disorder that causes interruptions in breathing. These interruptions can lead to a variety of health issues ranging from chronic daytime drowsiness and restless sleep to heart disease and stroke.

Smart Home Sleep Monitor offers a comfortable and lowcost means of monitoring sleep for diagnosing and/or evaluating the effectiveness of continuous positive airway pressure (CPAP) therapy.

## **Pre-Diagnosis**



### Sleep Apnea is one of the most under-diagnosed conditions

- Does your sleep mate complain about your loud snoring?.
- Is a family member struggling with chronic fatigue, trouble concentrating, or remembering things?
- Do you lie awake listening to your sleep mate's interrupted breathing patterns, counting the seconds until they start to breathe again?

## Post-Diagnosis



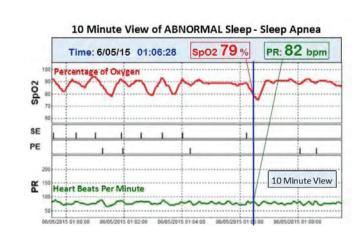
### Monitoring CPAP Therapy Outcomes to Achieve Optimum Results

- Track respiratory disturbance index (RDI) how many times breathing stopped.
- Monitor oxygen desaturation levels, and calculate Oxygen Desaturation Index(ODI).
- Record heart rate.

## Real Time Monitoring with Easy to Read Results

Smartphone, tablet or PC users can monitor sleep, or review and analyze sleep records, including how long and how many times breathing stopped based on oxygen desaturation and heart rate.

Our Software imaging results are easy to read. In this sample, 10 minute view of an abnormal sleep record, at blue line the oxygen level is dangerously low (79%). When oxygen level drops, the body responds by increasing the heart rate. As a result, the pulse rate reads 82 beats per minute, far from the restful rate of a healthy sleep.





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# About 90 Million Americans Suffer From Snoring Activity During Sleep.

Smart Home Sleep Monitor offers a comfortable and lowcost means of monitoring sleep.



## You'll Never Sleep Alone with CMI's Smart Home Sleep Monitor

The CMI Smart Home Sleep Monitor can sound alarm and vibrate when it detects interrupted breathing. You can also monitor another person by setting the alarm on a smartphone or pad. Your sleep will be improved knowing that if anything happens you will be notified right away.



### Features

- Built-in Bluetooth continuously monitors oxygen saturation and pulse rate overnight
- Auto Alarm triggered when breathing is interrupted
- Adjustable audio and visual alarm on device and smartphone
- Analyze sleep data with smartphone App or PC software
- Up to 70 hours of local data storage
- Bluetooth and USB interface

## Technical Specifications

- Oxygen Saturation (SpO2) Measuring Range .... 35%.~ 100%
- Pulse Rate Measuring Range...... 0~ 300 bpm

#### CMI Health Inc.

5975 Shiloh Road, Suite 114, Alpharetta, GA 30005 Tel: 1-888-985-1125 Fax: 1-866-222-0128

Web: www.cmihealth.com Email: info@cmihealth.com

