



SleepImage™ – the only simple and objective measure of sleep quality

SleepImage is an easy-to-use, low-cost tool with web-based results that identify health risks associated with unhealthy sleep.



At last, you can prescribe a simple test to measure patient sleep quality with a data-driven scale – the Sleep Quality Index (SQI).



The SleepImage™ patient-centered screening device is the simplest and most cost-effective way to objectively measure how well your patients are sleeping.

Developed by renowned sleep researchers and cleared by the FDA, SleepImage measures sleep quality without interfering with your patients' usual sleep routines.

> Sleep Recorder shown in actual size

With SleepImage you can:

- Easily add sleep data to other health indicators
- Track compliance with whatever treatment you're prescribing and give your patients an objective SQI
- Provide patient-centric care with an FDA-cleared solution
- Objectively demonstrate better sleep over time to track the effectiveness of therapy

Quality sleep is the key to a healthy life

Patients often say they feel tired but don't know why. Until now, options for understanding the causes of sleep problems have been limited, inconvenient, and cost-prohibitive.

SleepImage is the first medically proven test that offers an objective measure of healthy sleep versus unhealthy sleep. Physicians can now identify the potential for poor health and maximize treatment benefit. With SleepImage, you can finally:

- Offer your patients an easy-to-use test that costs less than a typical copay for a traditional PSG sleep study
- Obtain objective data to help optimize your prescribed treatment therapies
- Screen for sleep disorders that impact overall health

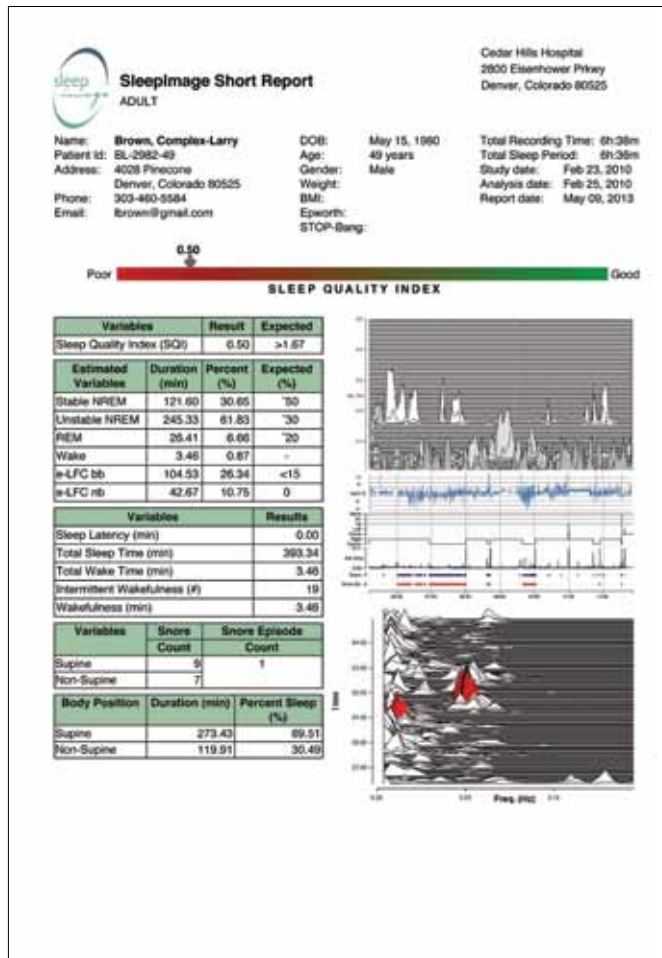
Sleep has been shown to greatly influence many common patient complaints

It has been shown that patients who can control their health and see objective measures have better treatment outcomes. Fundamental to the success of those efforts is to start addressing sleep habits with an objective measure. Recognizing that sufficient sleep is not a luxury, but a necessity may be the most effective first step to address various underlying health issues.

But what is SleepImage?

Cardiopulmonary Coupling (CPC) – gives you a simple reading of your patients' sleep

At the core of our lightweight, ultra-convenient solution is the proprietary Cardiopulmonary Coupling (CPC) technology. This innovative solution measures sleep quality through breathing and heart rate patterns known to indicate stable, healthy sleep versus unstable, unhealthy sleep.



The SQI tracks sleep quality as a “vital sign” of a healthy life¹

SleepImage informs physicians and patients about their sleep health with a data-driven scale called the SQI. You can measure sleep as you would measure weight with a scale or body temperature with a thermometer. And it provides a convenient, low-cost, and objective measure of the effectiveness of therapy.

Cost-effective and patient-centered – enlist patients in improving the quality of their sleep

SleepImage provides a convenient, low-cost tool for identifying major health risks associated with poor sleep. Objective monitoring over time and sleep quality indexing help determine when more extensive testing is needed or which therapeutic choices are relevant.

Patients suffering from these conditions will greatly benefit from adding sleep quality monitoring to treat the underlying disease:

- Metabolic syndromes
- Pain
- Fatigue
- Psychiatric disorders
- Autoimmune diseases
- Cognitive dysfunction
- Cardiac issues
- Inflammation

Please visit our website to review our published papers on sleep monitoring in various disease states.

Nonin[®] WristOx2[™] 3150 Oximeter (optional)

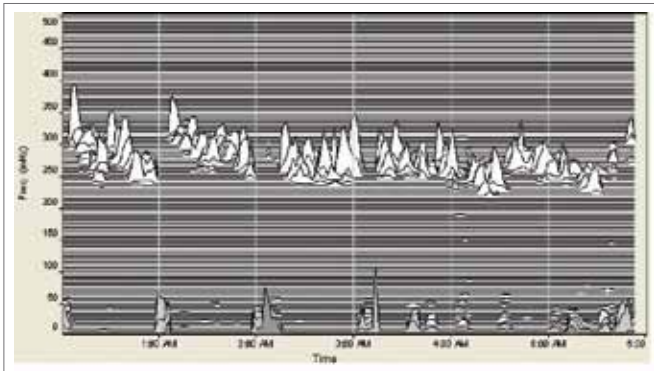
Pair the SleepImage recorder with the most versatile wrist-worn Pulse Oximeter and get even more valuable information about patient sleep quality. Assess changes in Oxygen saturation in conjunction with EKG, respiratory rate, stable & unstable sleep, snore, and body position.



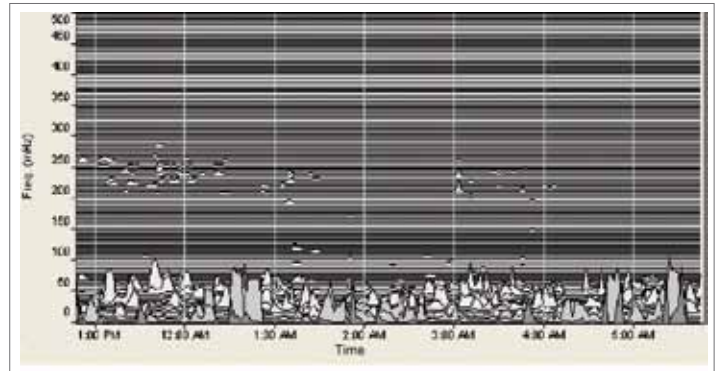
What is Cardiopulmonary Coupling (CPC)?

During healthy, stable sleep, high vagal tone modulating a healthy heart results in characteristic heart rate variability in which the heart rate slows down and speeds up in synchrony with regular respiration. This is normal rhythm and is associated with stable Non-REM sleep.

When there are disruptions in sleep causing variations in heart rate and respiration (i.e. from pain, Apnea, PLM, incorrect therapy, or insomnia), the normal rhythm is disrupted and can be associated with unstable Non-REM sleep. CPC presents these regular rhythms and disruptions as an “image of sleep.”



→ Image of Healthy Sleep



→ Image of Unhealthy Sleep