

Nicolet Sleep Diagnostic System

Empowering diagnostics



Millions of people are estimated to suffer from clinical sleep disorders. A lack of sleep or too much sleep may adversely affect health and lead to a diminished quality of life. The annual cost associated with lost productivity, medical expenses, absenteeism and property and environmental damage due to sleep deprivation and sleep disorders is staggering.

The Nicolet Sleep Diagnostic System plays an important role in diagnosing sleep-related disorders, giving you full-featured polysomnography tools. This sophisticated sleep offering expands your clinical reach through a synchronized EEG and video system. It also provides labs that perform clinical EEG by day and sleep studies by night with an ideal solution—sharing the same hardware and user interface.

Benefits/Features:

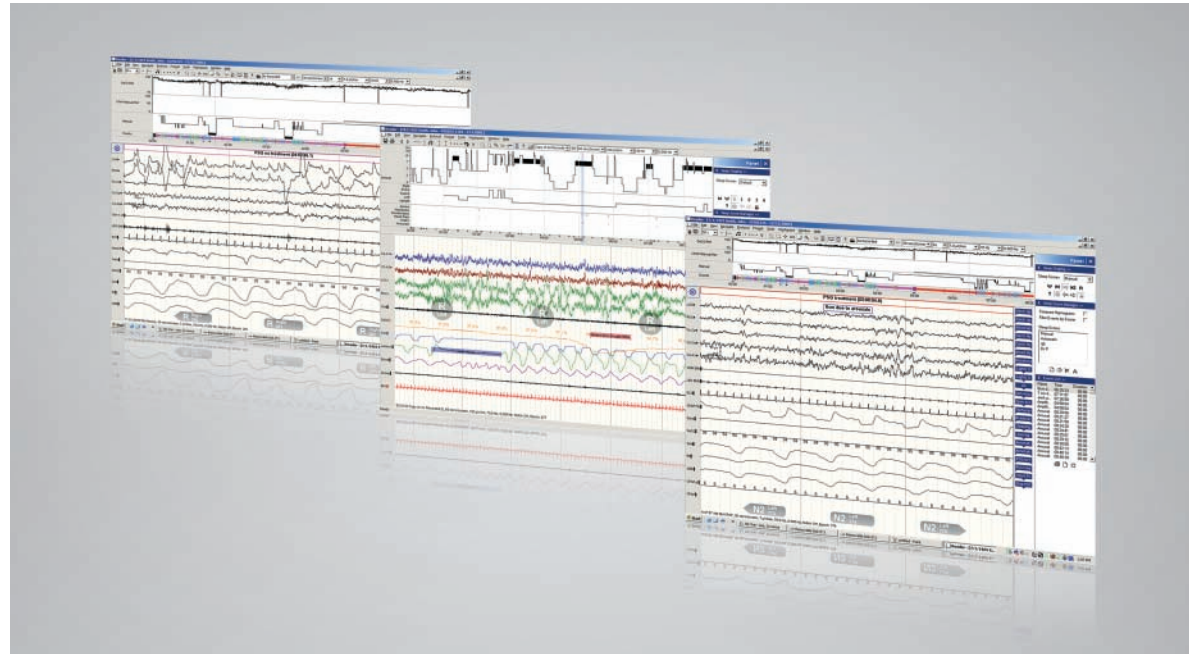
- Channel recorder
- Inter-rater reporting
- Calculated value panel allows on-line mini-report
- One-click event association

The number of people (64%) that report experiencing a sleep problem at least a few nights a week has risen significantly since 2001 (51%), with 41% reporting problems every night or almost every night¹.

Features include:

- New cart or wall-mountable v44 amplifier with built-in "sleep" features; 32 isolated channels with 9 bi-polar inputs
- v5.7.1 Sleep Software meets AASM staging guidelines
- Remote review and remote control options facilitate ease of use
- One-button archiving
- Live trended data for EEG, EKG, SpO₂ and more

There is rapidly accumulating evidence to indicate that chronic partial sleep loss and decreased sleep quality may increase the risk of obesity and diabetes.²



Studies continue to show that sleep curtailment and/or decreased sleep quality can disturb neuroendocrine control of appetite, leading to overeating and can decrease insulin and/or increase insulin resistance, both steps on the road to Type 2 diabetes.³



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¹ National Sleep Foundation's 2009 Sleep in America™ Poll. Retrieved December 2009 from <http://www.sleepfoundation.org/sites/default/files/2009%20POLL%20HIGHLIGHTS.pdf>

² Van Cauter, E. Short sleep, poor sleep: novel risk factors for type 2 diabetes, *FASEB J.* 23: 417.4.

³ Federation of American Societies for Experimental Biology. "Evidence Mounts That Short Or Poor Sleep Can Lead To Increased Eating And Risk Of Diabetes." *ScienceDaily*, 24 April 2009. Retrieved on 10 December 2009 from: <http://www.sciencedaily.com/releases/2009/04/090421181032.htm>