

Nicolet™ Sleep Diagnostic System

Empowering diagnostics



Millions 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 reorder
- 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 night.¹

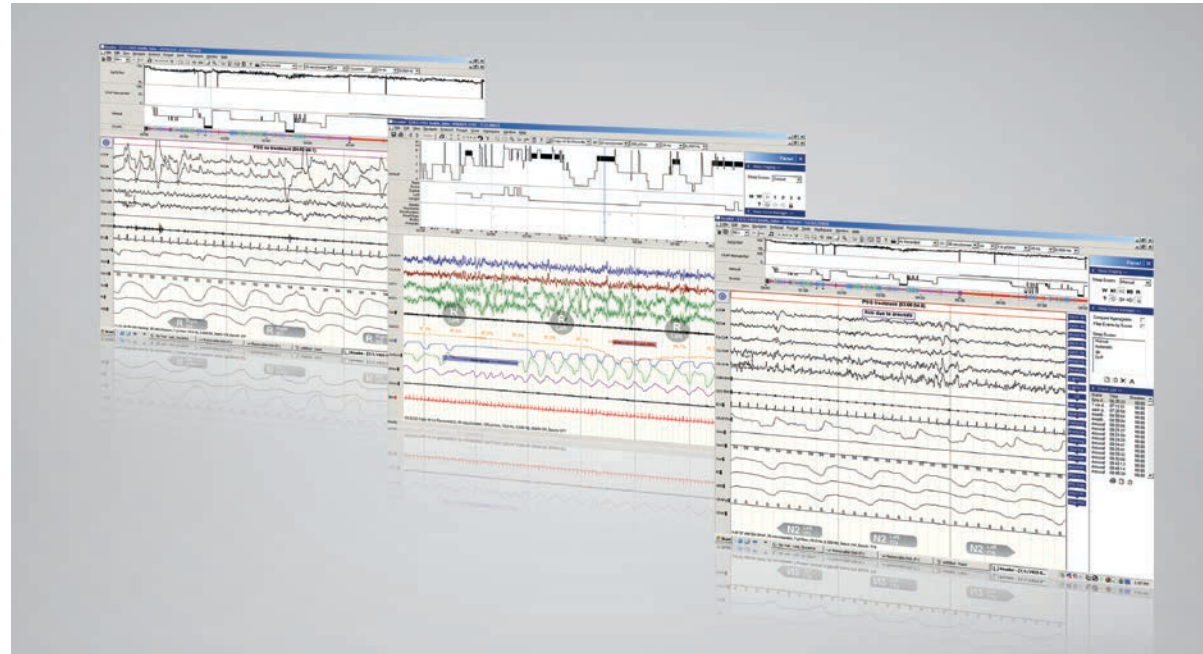
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Features include:

- New cart or wall-mountable v44 amplifier with built-in “sleep” features; 32 isolated channels with 9 bi-polar inputs
- 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



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>

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