



AMERICA'S
SLEEP COMPANY™

Snooze e-News!

March 6, 2006

News about the *Snooze!*

This email contains links to articles related to sleep disorders from various websites from the past. For more information on the articles click on the links provided. Please note: News websites may withdraw their articles at any time and archive it on their site.

Taking Sleep Research To A Whole New Level

The IST project SENSATION is an ambitious project of 46 partners from 20 different countries, addressing sensing of physiological parameters, core computation, medical and industrial research. The aim is to take sleep research to a whole new level by developing a multipurpose sensing platform consisting of 17 micro sensors and two nano sensors, connected through a local area network.

The sensors will be integrated into a wide range of materials such as bed and pillow textiles, wrist straps, seat linings and the frames of glasses. Wirelessly integrated through a computer network they will measure your brain activity, heart rate, eye and muscle movements during your waking and sleeping hours. The data will be collected in a body area network, wirelessly transferred to a local area network and then sent to the hospital for analysis, Bekiaris explains.

<http://www.medicalnewstoday.com/medicalnews.php?newsid=38846#>

Practice Parameters for the Use of Continuous and Bilevel Positive Airway Pressure Devices to Treat Adult Patients With Sleep-Related Breathing Disorders

Standards of Practice Committee developed these practice parameters as a guideline for using CPAP and BPAP appropriately (an earlier review and practice parameters for APAP was published in 2002). Major conclusions and current recommendations are as follows: 1) A diagnosis of OSA must be established by an acceptable method. 2) CPAP is effective for treating OSA. 3) Full-night, attended studies performed in the laboratory are the preferred approach for titration to determine optimal pressure; however, split-night, diagnostic-titration studies are usually adequate. 4) CPAP usage should be monitored objectively to help assure utilization. To see the rest of the recommendations, please go to:

<http://www.journalsleep.org/ViewAbstract.aspx?citationid=2877>

New For Sleep Disorders Testing: Minimally Invasive Device For Monitoring Gastric Reflux In The Airway

Respiratory Technology Corporation (Restech) announced the launch of its Dx-Sleep Adapter™, a new accessory for its recently released Dx-pH Measurement System™, the world's first and only device for monitoring real-time breath-to-breath pH. Restech's "plug & play" adapter allows sleep medicine professionals to track their patients' airway pH events in real-time on their existing patient monitoring equipment and presents patients with a procedure that is minimally invasive and more comfortable than current technology. This system can be easily set up by a sleep physician and allows simple, reliable detection of pH changes in the airway associated with gastric reflux. Since the device transfers data using wireless telemetry, there are no extra leads from the patient. Gastric reflux, respiratory disease and sleep disordered breathing are rapidly growing health concerns worldwide. Laryngopharyngeal reflux is associated with and known to exacerbate various respiratory disorders such as asthma, bronchitis, chronic obstructive pulmonary disease, and chronic cough.

http://www.restech-corp.com/pdfs/Press%20Releases/Sleep_Release_2_28_06.pdf

Restless Legs Sending Your Partner to the Other Room?

Approximately 10 percent of Americans suffer from a common, yet under-diagnosed neurological disorder characterized by uncontrollable, often painful urges to kick and thrash the legs when trying to fall asleep.

<http://www.newswise.com/articles/view/518392/>

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