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Comparison of the Indices of Oxyhemoglobin Saturation by Pulse Oximetry in Obstructive Sleep Apnea Hypopnea Syndrome, CHEST, 2009 Jan, 135(1):86-93

EEG Arousal Prediction via Hypoxemia Indicator in Patients with Obstructive Sleep Apnea Syndrome Internet Journal of Medical Update 4(2) 2009

Sleep Research in Taiwan Society of Sleep Medicine

Sleep is a vital activity of humans, and despite the increasing size of the scientific literature involving the sleep process, its exact functions remain largely undefined. Socio-economic and health-related importance of sleep is more and more obviously.. The last three decades have witnessed the intensification of interest on sleep activity and on the consequences of its dysfunctions in every day life.

There was a large sector of the population suffers from a variety of sleep disorders. For example, "... it is estimated that between 10 and 35% of the population have insomnia (OHAYON & PARTINEN, 2002) and further, obstructive sleep apnea is present in up to 5% of the adult population (YOUNG et al., 2002). Indeed, the still unresolved puzzle of the interaction between the sleep process and other major biological processes has major social, economic and health implications in our current life style. Manifestations of these interactions include: increased exposure to stress, decreased physical activity, changes in the biological clock due to night-shift work or travel across multiple time zones, etc. How these biological processes interact with sleep present strong challenges for both the medical and the scientific communities.

Sleep society played an important role on the education, training and academic research. There was Sleep research in Taiwan for more then 20 years. We collect the data period from 1991 to 2008 were extracted from the Science Citation Index online version. We analyzed selected documents with "SLEEP" as a part of the title, abstract, or key words and reported the following parameters: trends of publication output, journal pattern, publication and authorship on Taiwan to analysis the role of Taiwan Society of Sleep Medicine on the role of sleep research.