

itamar

MEDICAL INFORMATION [IN] YOUR FINGERTIP



Diagnose Sleep Apnea at Your Practice!

If left untreated, Obstructive Sleep Apnea can lead to:
*Hypertension, Cardiovascular Diseases, Daytime Sleepiness, Depression,
Motor Vehicle Accidents, Erectile Dysfunction and Premature Mortality.*


The key to treatment is proper diagnosis

In addition to the significant morbidity associated with obstructive sleep apnea (OSA), those suffering from OSA often exhibit abnormal sleep architecture. REM sleep may be greatly reduced or absent in moderate to severe cases of OSA. REM and dreaming are necessary for healthy brain function. Proper REM sleep facilitates consolidation of memory, stimulation of the brain and the solving of daytime problems and conflicts. REM deprivation causes memory disruption and impairs the recollection of newly learned material. REM sleep detection is a fundamental aspect in the correct analysis of a sleep study. The importance of the Watch-PAT in the detection of OSA lies in its unique features, including the detection of sleep stages (REM/NREM, Wake/Sleep, Light/Deep sleep), and its proven diagnostic accuracy in apnea assessment.

Watch-PAT

A New Perspective on Sleep Diagnostics!

Watch-PAT is a clinically proven diagnostic device for the accurate detection of sleep breathing disorders. Its sophisticated auto analysis and comprehensive reporting makes it an ideal tool for diagnosis, treatment assessment and follow-up, all in the comfort of the patient's home. The Watch-PAT is patient-friendly and easy to use for patient and practitioner alike.

 ***Your patients and your practice will benefit from this reliable in-home diagnostic tool***

Watch-PAT

Add Value to Your Practice While Providing Critical Clinical Services

Watch-PAT

- *Diagnosis of sleep related breath disorders*
- *Treatment assessment*
- *Follow-up*
- *Automatic analysis*
 - *RDI - Respiratory Disturbance Index*
 - *AHI – Apnea Hypopnea Index*
 - *ODI - Oxygen Desaturation Index*
 - *REM/NREM Sleep stages*
 - *Light/Deep Sleep stages*
 - *Sleep/Wake states*
 - *Heart Rate*
 - *Oxygen saturation level*
 - *Body positioning and snoring*
- *Comprehensive report*
- *Single button operation*
- *Easy to apply and comfortable*
- *Minimal staff-time required*

*As easy as 1, 2, 3:
Watch-PAT from
initial patient interview
to issuing of final report*



The PAT™ Signal

PAT (Peripheral Arterial Tone) is a physiological signal that mirrors changes in autonomic nervous system activity and related vascular events through the accurate measurement of fingertip arterial pulsatile volume. The PAT Signal offers new ways of understanding and managing cardiovascular, respiratory and nervous system disorders. This non-invasive technology provides clinicians with a highly sensitive and accurate indicator to help identify, diagnose and monitor a variety of medical conditions.

For more information contact:

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Itamar Medical Ltd. is pioneering the introduction to medicine of a non-invasive window to the autonomic nervous system – the PAT (Peripheral Arterial Tone) signal. Itamar holds patents in a growing body of proprietary technologies and diagnostic signal features, and has developed unique signal processing algorithms to apply peripheral arterial tonometry in important clinical applications including cardiology, endothelial dysfunction assessment and sleep medicine. PAT based products can provide an early-stage detection of disease, facilitate patient follow-up and help to improve patient care, while reducing the overall cost of healthcare.