

new WatchPAT™ Unified Home Sleep Test Device

Obstructive Sleep Apnea (OSA) Is a Common Comorbidity of AFIB

Understanding Obstructive Sleep Apnea (OSA)

OSA occurs when the muscles in the back of the throat fail to keep the airway open, resulting in brief and repeated breathing interruption during sleep.

Managing OSA May Impact Ablation Outcomes

In a meta-analysis of 5 observational studies it was observed that the risk for AF recurrence after catheter ablation increased by 57% in patients with OSA not undergoing CPAP therapy (p = 0.37).

CPAP users had an AF recurrence risk similar to that of patients without OSA (p = 0.00)^{5,9}.

WatchPAT Unified

Itamar WatchPAT is an FDA-cleared portable sleep diagnostic system to diagnose sleep related disorders. It is a small wrist-mounted device which allows testing to be done in the comfort of the patient's own home. PAT® (Peripheral Arterial Tone) measures the arterial volume changes in the fingertip, and is the reflection of sympathetic nervous system activation. WatchPAT consistently demonstrated a relatively high degree of correlation in sleep variables when compared with laboratory polysomnography (PSG)⁶⁻⁸.

OSA prevalence in AF patients¹ **49%**



OSA prevalence in the general population²⁻⁴ **9-24%**



Simple

- WatchPAT has three patient touch points: the wrist, a biosensor on the finger and a position sensor
- Requires minimal time and clinical resources to train patients and upload data

Accurate

- WatchPAT has a low failure rate for self-administered at home testing⁷
- True sleep time can decrease underdiagnosed patients by up to 20%¹⁰

Fast

- WatchPAT is clinically validated against lab polysomnography⁶⁻⁸
- WatchPAT has 6 parameters to diagnose OSA⁶

Reliable

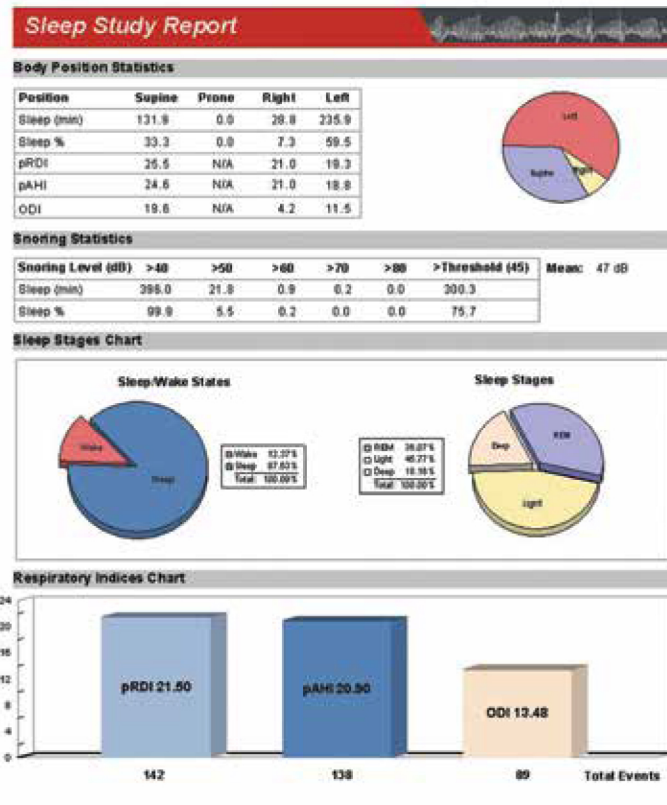
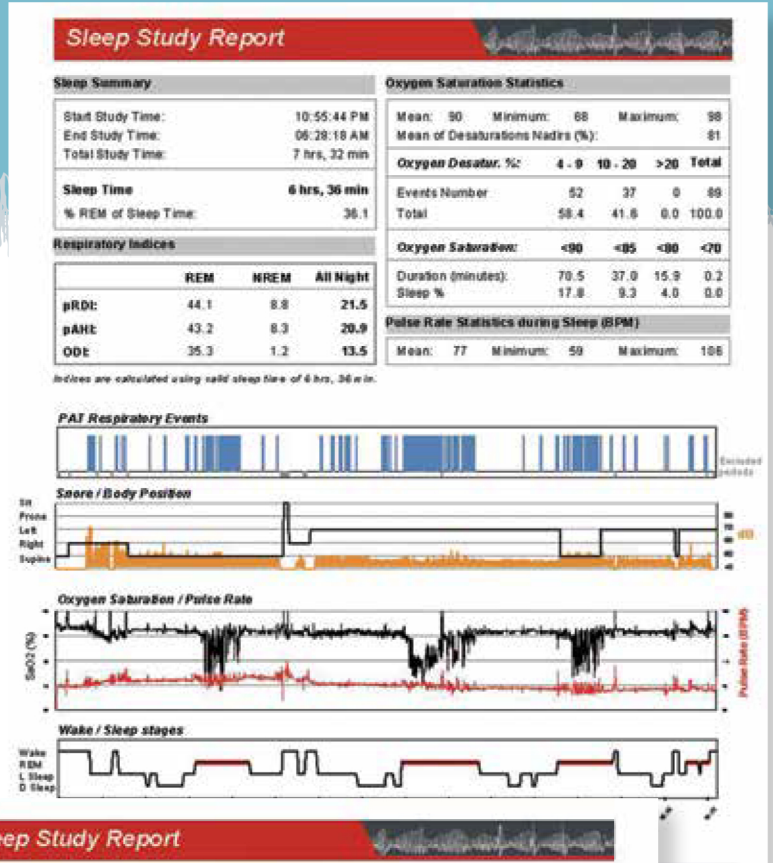
- WatchPAT has been used by over 1 Million patients⁶⁻⁸
- OSA has been associated with higher recurrence rates after catheter ablation⁵

Enabling you to expand your service portfolio to include the identification of OSA

new WatchPAT™ Unified

Report includes:

- Sleep Summary Chart
- Chart of Respiratory Indices during REM, NonREM and total sleep
 - Respiratory Disturbances Index (pRDI)
 - Apnea Hypopnea Index (pAHI)
 - Oxygen Desaturation Index (ODI) and oxygen statistics
- Aligned traces of:
 - Distribution of respiratory events
 - Snoring and Body Position
 - Oxygen saturation and Pulse Rate
 - Sleep Hypnogram (sleep/wake and sleep stages)
- Charts and graphic display of:
 - Body position statistics
 - Snoring statistics
 - Sleep stages statistics
 - Respiratory indices statistic



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