

Patient information, referring physician and medical evaluation

First page:



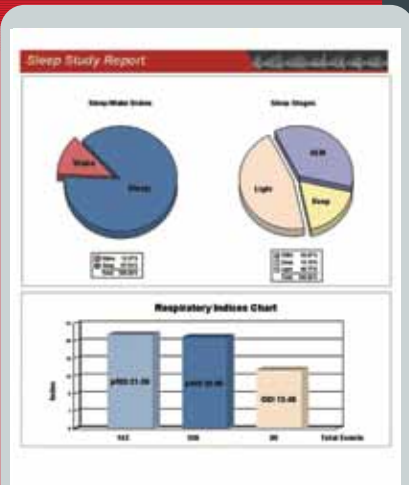
Medical Information:

Medical history and medication information can be added to the "Clinical Data" field, while preparing the flash card for a new study. Another option is to update the information at the "Clinical Diagnosis" screen after the study has been performed.

Summary & Diagnosis and Recommendations: Can be inserted at the "Clinical Diagnosis" screen.

Note: Some titles, when information is not inserted, may not be displayed.

Third page:



Graphical summary of Sleep/Wake states, Sleep stages and Respiratory Indices.

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MEDICAL INFORMATION [IN] YOUR FINGERTIP

Interpretation of the Watch-PAT100/200 Sleep Report

This document describes the Watch-PAT100/200 study report and provides guidelines for its interpretation.

The Watch-PAT100/200 Sleep study report consists of three pages. The first page gives the patient information, referring physician, and brief medical evaluation. The second page gives the patient's sleep study indices and a graphic report of the sleep study. The third page shows chart representation of sleep states and respiratory indices.

Second page:

Patient's sleep study indices

Sleep Study summary:

Sleep Summary

Start Study Time: 11:48:07 PM
 End Study Time: 09:29:31 AM
 Total Study Time: 9 hrs, 42 min

Sleep Time: 8 hrs, 37 min

Recording start time - device ON button activated
 Recording end time - device removed from arm
 Total recording time
 Total sleep time

Respiratory Indices

pRDI: (PAT Respiratory Disturbance Index) 9.2
 pHAI: (PAT Apnea-Hypopnea Index) 5.8
 ODI: (Oxygen Desaturation Index) 3.4

pRDI: PAT Respiratory Disturbance index during REM, non REM and All Night
 pAHAI: PAT Apnea and Hypopnea index during REM, non REM and All Night
 ODI: Oxygen Desaturation index during REM, non REM and All Night

Respiratory Events
 Time scale presentation of the Respiratory events

Snore/Body Position Graphic presentation chart
 (for Snore & Body position option)
 Black trace - S body positions levels (supine, right, left, prone and sit)
 Orange trace - the snoring volume level (40 - 80 dB range)

Oxygen Saturation Statistics

Mean (%)	95
Minimum (%)	91
Maximum (%)	100
Mean of Desaturations Readers (%)	93

Mean, minimum and maximum oxygen saturation values.
 Average of the minimum saturation values.

Oxygen Desatur: %

	4-9	10-20	>20	Total
Events #:	29	0	0	29
% of Total:	100.0	0.0	0.0	100.0

Total oxygen desaturation events by degree of severity.

Oxygen Saturation:

	<90	<95	<80	<70
Duration (minutes):	0.0	0.0	0.0	0.0
% of Sleep Time:	0.0	0.0	0.0	0.0

Total time of oxygen saturation below 90, 85, 80 and 70%.
 Percentage of Sleep Time with oxygen saturation below 90, 85, 80, and 70%

Pulse Rate Statistics during Sleep (BPM)

Mean:	60	Minimum:	46	Maximum:	93
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Mean, minimum and maximum pulse rate during sleep time.

PAT RDI:
 The PAT Respiratory Disturbance Index, expresses the number of PAT respiratory events per hour of actual sleep which has been shown to be an accurate estimate of RDI.

The RDI is the recommended measurement for the severity of Obstructive Sleep Apnea (OSA), by the American Academy of Sleep Medicine (AASM). The index includes the following respiratory events as measured by polysomnography:
 Apnoea: Cessation of respiration, during sleep for 10 seconds or more.
 Hypopnoea: Reduction of respiration followed by a desaturation of at least 3% or an arousal.
 RERA: Obstructive event that does not meet the criteria for apnea or hypopnoea but causes arousal from sleep (typically seen as flow limitation terminated by an arousal).

PAT AHI
 This index includes the number of Apnoea and Hypopnoea events per hour of actual sleep.
 The AHI provides additional information about the severity of OSA, the characteristics of the respiratory events and can contribute to the treatment decision.

ODI
 This index expresses the number of oxygen desaturation events during an hour of sleep. A desaturation event is determined as a reduction of 4% or more of the oxygen saturation baseline level.
 The index includes the events that occurred during sleep time and does not include events that occurred during wake periods.