WatchPAT® ONE

WatchPAT® 300

ZOLL® Itamar®, a leader in home sleep apnea solutions

ZOLL itamar

SleePATh®

WatchPAT®

WatchPAT® Direct

Innovative sleep apnea solutions—

from advanced at-home tests

to comprehensive patient

management services

In sleep apnea management

Here for you
every step of the pathway

What you'll find in this catalog

ZOLL® Itamar® is a medical device company focused on leading the integration of sleep apnea management into the cardiac patient care pathway. We are proud to offer an array of products and services designed to meet the needs of healthcare professionals and their patients.

Our mission

✓ Provide state-of-the-art technology for diagnostic accuracy

✓ Expedite and optimize sleep apnea care for patients

✓ Maximize efficiency and reduce burden for clinical practices

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PAT® Signal
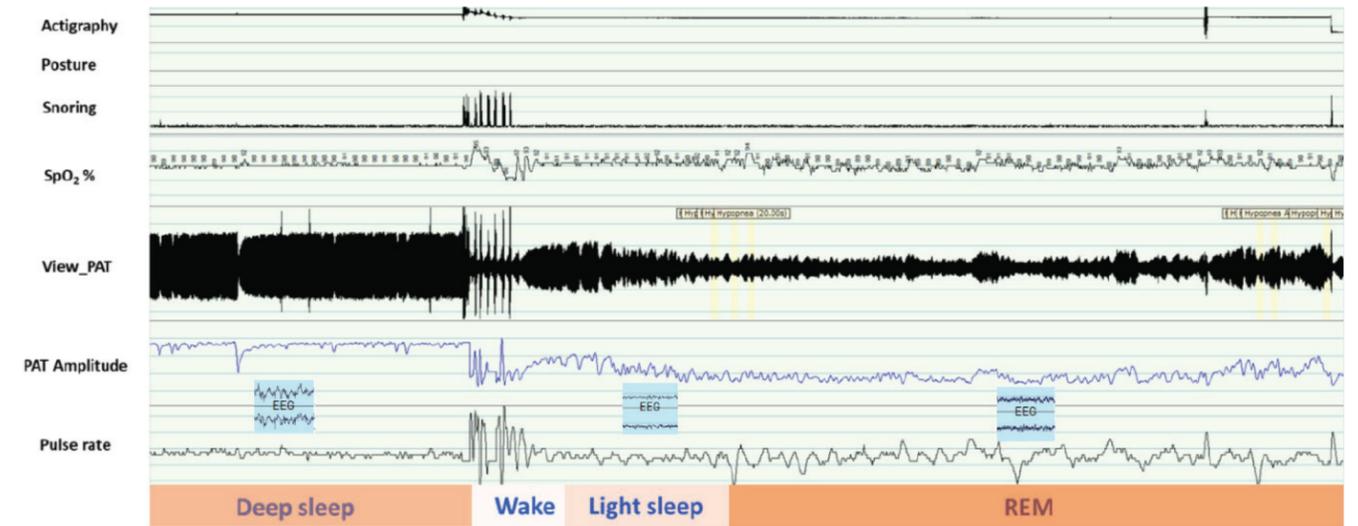
| Deep sleep	Light sleep	REM sleep
Low PAT amplitude variability, low pulse rate variability	High PAT amplitude variability, high pulse rate variability	Very high PAT amplitude variability, very high pulse rate variability, attenuated PAT amplitude

Why WatchPAT® HSATs

Precision at their fingertips

✓ The innovative, proprietary Peripheral Arterial Tone (PAT®) signal is a noninvasive measure of the arterial pulsatile volume changes at the patient's fingertip

✓ The PAT® signal attenuation and accelerated pulse rate has been shown to reflect sympathetic activation, which is a clinically validated surrogate for autonomic arousals and micro-arousals found in sleep disordered breathing (SDB)[1]

✓ Combined with oximetry desaturations or resaturations, the proprietary WatchPAT® algorithm accurately classifies the SDB events into AHI, RDI, and ODI* to provide physicians with a comprehensive assessment

Clinically validated vs polysomnography (PSG)

- Significant **89%** correlation with PSG for AHI, as reported in a 14-study meta-analysis ($P < 0.001$)[1]
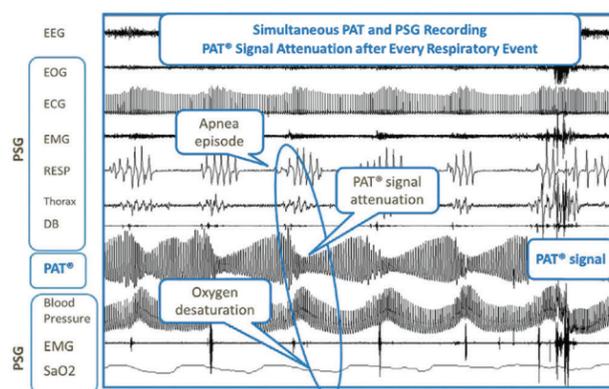
Example of simultaneous PAT® and PSG recording.[2]

DB=decibels; ECG=electrocardiogram; EEG=electroencephalogram; EMG=electromyography; EOG=electrooculogram; PAT®=Peripheral Arterial Tone; PSG=polysomnography; RESP=respiratory rate; SaO₂=oxygen saturation.

*AHI=apnea-hypopnea index; ODI=oxygen desaturation index; RDI=respiratory disturbance index.

Advanced capabilities

✓ Clinically validated sleep architecture provides information on sleep staging, including sleep efficiency, sleep latency, and rapid eye movement (REM) latency[3,4]

✓ Also detects REM-related sleep apnea with REM and non-REM AHI

See what PAT® can show you.
Just scan QR code.

Learn more about the PAT® signal at PAT® Academy

You're invited to attend live and interactive no-cost online webinars led by clinical experts, with courses designed to take clinicians from basic to advanced case analyses.

WatchPAT® ONE HSAT

Fully reliable. Fully disposable.

Single use to facilitate practice scalability

No limit to the number of tests that can be ordered and patients that can be tested at any given time

Immediate, highly accurate results to expedite diagnoses

- No waiting for device returns
- Comprehensive automated study report that is ready for interpretation and accessible within minutes of study completion
- Autoscoring to save valuable time and avoid inter-reader variability
- Raw data is always available for your review with each study per the American Academy of Sleep Medicine

Looks further than AHI to enhance diagnosis, including

✓ Sleep architecture
✓ True sleep time
✓ Central Sleep Apnea
✓ Cheyne-Stokes respiration
✓ Arrhythmia Detection Feature
✓ REM sleep apnea
✓ Sleep latency
✓ AHI severity scale
✓ Body position statistics
✓ Heart rate
✓ Snoring

An advanced, trusted disposable HSAT

Fully disposable to streamline workflow

- No waiting for device returns
- No cleaning or charging
- Offers WatchPAT® ONE Green Program that properly disposes of devices

Easy to use to promote study completion and patient satisfaction

- 3 points of contact
- Intuitive design
- Simple instructions

Did you know?

WatchPAT® has a higher reimbursement rate vs airflow devices without sleep time under CPT code 95800.

Cutting-edge features to help streamline and elevate patient care

SleePATh® digital patient app, including a digital screening tool, digital pre- and post-test questionnaires, and centralized data management *(see page 10 for details)*

WatchPAT® Arrhythmia Detection Feature
*FDA-cleared to identify AFib events and premature beats

*The WatchPAT® is not intended to be used as a diagnostic device for any cardiac arrhythmia and is not intended to replace traditional methods of diagnosis for cardiac arrhythmias

Learn more.
Just scan QR code.

WatchPAT® 300 HSAT

Simple. Accurate. Reliable.

Smart design to streamline workflow

- Rapid set-up and study download time
- No downtime for charging
- Easy cleaning
- Intuitive, patient-friendly design
- Streamlined patient education with only 3 points of contact

Comprehensive automated study report to expedite diagnosis

Highly accurate results[1]

Autoscoring to save valuable time and avoid inter-reader variability

Raw data is always available for your review with each study per the American Academy of Sleep Medicine

Looks further than AHI to enhance diagnosis, including

✓ Sleep architecture
✓ True sleep time
✓ Central Sleep Apnea
✓ Cheyne-Stokes respiration
✓ Arrhythmia Detection Feature
✓ REM sleep apnea
✓ Sleep latency
✓ AHI severity scale
✓ Body position statistics
✓ Heart rate
✓ Snoring

An advanced, trusted reusable HSAT

Cutting-edge features to help streamline and elevate patient care

SleePATh® digital patient app, including a digital screening tool, digital pre- and post-test questionnaires, and centralized data management *(see page 10 for details)*
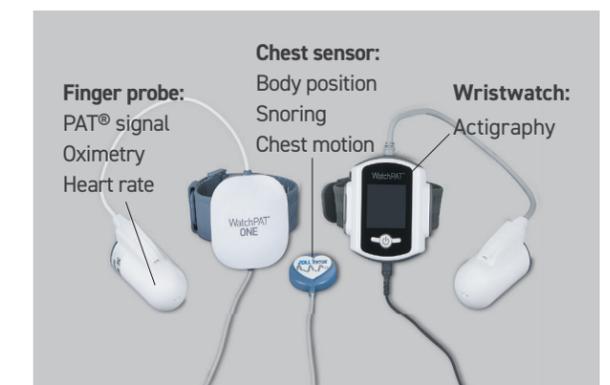
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Anatomy of accuracy

Finger probe: PAT® signal Oximetry Heart rate

Chest sensor: Body position Snoring Chest motion

Wristwatch: Actigraphy

WatchPAT® HSATs (both WatchPAT® ONE and WatchPAT® 300) are built with 3 points of contact that capture critical sleep metrics

Did you know?

WatchPAT® has a higher reimbursement rate vs airflow devices without sleep time under CPT code 95800.
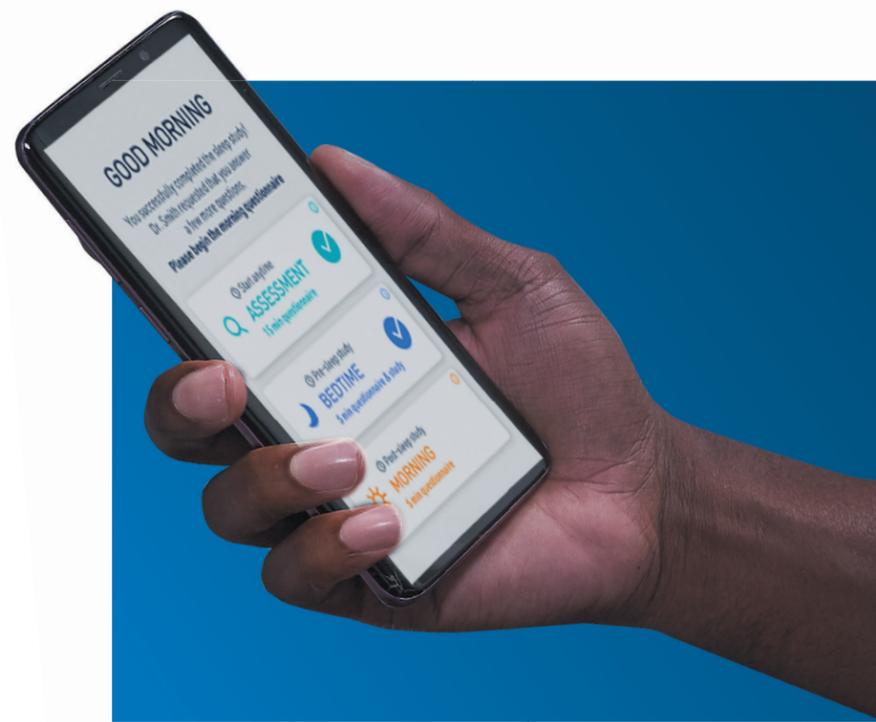
Learn more. Just scan QR code.

SleePATh®

A revolutionary digital patient app

Digital questionnaires to fill in gaps, streamline diagnosis, and reduce backlogs

✓ Screening questionnaire that includes STOP-Bang and/or Epworth Sleepiness Scale to facilitate preauthorization without an office visit

✓ Bedtime and morning questionnaires for sleep apnea and beyond, including insomnia, restless leg syndrome, and daytime sleepiness

✓ Eliminates paperwork, redundancy, and time-consuming data entry

✓ Supports telemedicine by capturing recommended Adult Comprehensive Sleep Evaluation questions

Enables centralized data management to provide the full picture in one place

Integrates WatchPAT® sleep study results with questionnaire responses in a single automated report

Navigation tool to keep patients engaged and informed

Gives clinics the option to generate automatic notifications that

· Remind patients to complete questionnaires and sleep study

· Apprise patients of their status and next steps in the process

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Simple. Accurate. Reliable.

WatchPAT® delivers comprehensive, automated sleep study reports

Auto-scoring reports are available after each study to maximize your efficiency.

Raw data is always available for your review with each study per the American Academy of Sleep Medicine.

Data editing option is included for maximum diagnostic flexibility.
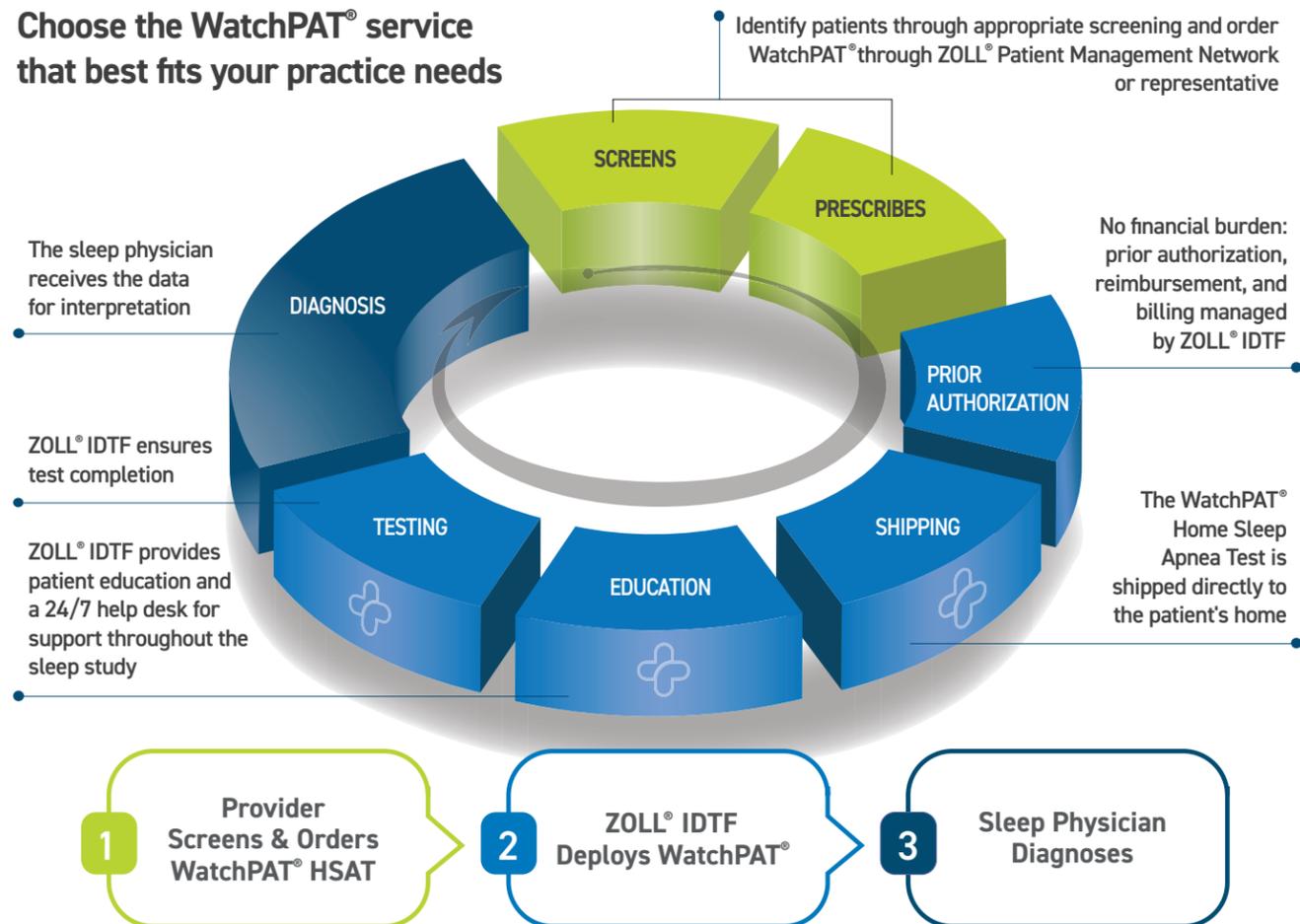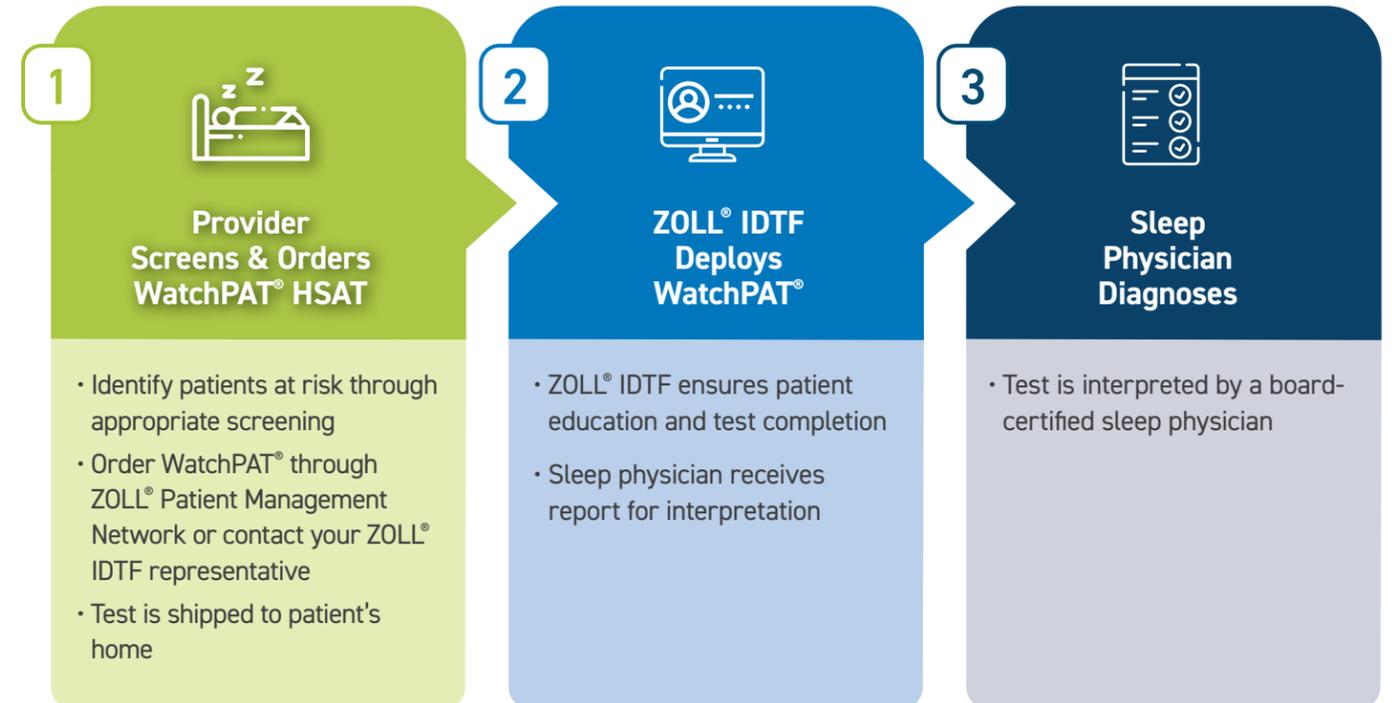
Learn more. Just scan QR code.

WatchPAT® Solutions

WatchPAT® has you covered

Choose the WatchPAT® service that best fits your practice needs

Identify patients through appropriate screening and order WatchPAT® through ZOLL® Patient Management Network or representative

No financial burden: prior authorization, reimbursement, and billing managed by ZOLL® IDTF

The sleep physician receives the data for interpretation

ZOLL® IDTF ensures test completion

ZOLL® IDTF provides patient education and a 24/7 help desk for support throughout the sleep study

The WatchPAT® Home Sleep Apnea Test is shipped directly to the patient's home

SCREENS · PRESCRIBES · PRIOR AUTHORIZATION · SHIPPING · EDUCATION · TESTING · DIAGNOSIS

1 Provider Screens & Orders WatchPAT® HSAT → **2** ZOLL® IDTF Deploys WatchPAT® → **3** Sleep Physician Diagnoses

It's as easy as 1-2-3:

simply screen and prescribe; we can do the rest (within 2-3 weeks on average)

1 **Provider Screens & Orders WatchPAT® HSAT**
- Identify patients at risk through appropriate screening
- Order WatchPAT® through ZOLL® Patient Management Network or contact your ZOLL® IDTF representative
- Test is shipped to patient's home

2 **ZOLL® IDTF Deploys WatchPAT®**
- ZOLL® IDTF ensures patient education and test completion
- Sleep physician receives report for interpretation

3 **Sleep Physician Diagnoses**
- Test is interpreted by a board-certified sleep physician

WatchPAT® simplifies patient care

Let WatchPAT® shoulder the burden of sleep apnea management.

- Reanaging sleep apnea in the cardiovascular setting is imperative
- However, it adds a significant workload to practices
- Now, it can be effectively managed with our complete and customizable solutions

We take care of it all!

✓ Prior authorization is managed by ZOLL® IDTF

✓ No financial burden for the practice

✓ ZOLL® IDTF handles reimbursement and billing

✓ Scalable to meet the needs of your practice

Learn more.
Just scan QR code.

WatchPAT® Direct

A direct path to easy implementation

Enables clinics to scale their HSAT program

✓ Designed to help expand patient access quickly by reducing backlog

✓ Requires minimal time and effort from office staff, with no in-office visits needed

✓ No limit to the number of devices that can be ordered

✓ Customizable based on the clinic's specific needs

A streamlined HSAT model with no upfront costs

· No investment in capital equipment

· Ideal for clinics with
  ◦ Limited office staff
  ◦ Patients in multiple remote locations
  ◦ Limited access to capital needs

Learn more.
Just scan QR code.

PREPARES
WatchPAT® HSAT device of your choice

SHIPS DEVICE
that is ready for use directly to the patient

CALLS
patient with instructions on the use of device

UPLOADS
reports with sleep data to the cloud for your review

References: 1. Yalamanchali S, Farajian V, Hamilton C, Pott TR, Samuelson CG, Friedman M. Diagnosis of obstructive sleep apnea by peripheral arterial tonometry: meta-analysis. *JAMA Otolaryngol Head Neck Surg.* 2013;139(12):1343-1350. **2.** Data on file. ZOLL Itamar. **3.** Hedner J, Pillar G, Pittman SD, Zou D, Grote L, White DP. A novel adaptive wrist actigraphy algorithm for sleep-wake assessment in sleep apnea patients. *Sleep.* 2004;27(8):1560-1566. **4.** Hedner J, White DP, Malhotra A, et al. Sleep staging based on autonomic signals: a multi-center validation study. *J Clin Sleep Med.* 2011;7(3):301-306.