



Increase Confidence in HSAT Results with Total Sleep Time (TST)

The Impact of TST on Home Sleep Apnea Testing (HSAT) Outcomes

EnsoSleep™ produces an accurate TST for HSAT devices that do not calculate a measurement of sleep time. Using data commonly found in HSATs, TST improves confidence in AHI calculation and diagnosis for clinicians and patients.

Cleared by the FDA in 2021, EnsoSleep demonstrated 90% overall agreement compared to 2/3 majority manually scored EEG-based staging and total sleep time.

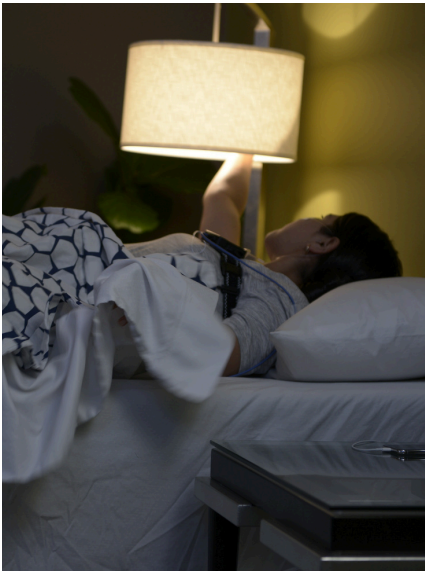


Comparing tech-scored HSAT TST against EnsoSleep TST for OSA Severity:

- Total sample size: 17,228 patients
- Adding TST to the studies resulted in increased OSA severity for 3,699 of the home sleep tests, (21.5%)
- Of that group, there were 2,140 tests that could potentially result in missed or undiagnosed OSA, (12.42%).

What will you do to ensure **more than 12% of your patients** receive proper diagnosis and treatment?

Total Sleep Time vs. Total Recording Time



1. Jane takes a home sleep apnea test.
2. The device generates a total recording time of 8 hours and 42 minutes, (**TRT = 522 minutes**).
3. But Jane took longer than usual to fall asleep and had two overnight bathroom breaks. As a result, **EnsoSleep** calculated only 4 hours and 13 minutes of total sleep time, (**TST = 253 minutes**).

How does this impact Jane's AHI?

If Jane experienced **128 sleep disordered breathing events...**
her diagnosis would be drastically different with TST vs. TRT.

Total Recording Time:

Jane's AHI = 14.7

Diagnosis: **Mild OSA**



Total Sleep Time:

Jane's AHI = 30.3

Diagnosis: **Severe OSA**



Without TST, Jane may receive the **INCORRECT** treatment.



**Discover How
EnsoSleep
Optimizes Your
Workflow**



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