

DROWZLE® PRO is a digital platform that uses a smartphone for in-home detection of obstructive sleep apnea (OSA) in adults. Since it is deployed by the patient's own phone, DROWZLE PRO provides testing to many patients for whom in-lab PSG or conventional home sleep testing may not be an acceptable option.

Unlike traditional HSTs, there are no sensors to attach to the body, making testing extremely easy. As an added benefit, there is no equipment to track down, retrieve, and disinfect prior to distributing to another patient.

HOW DROWZLE PRO WORKS

DROWZLE PRO collects relevant symptom, co-morbidity and functional quality-of-life data from the patient and combines this information with an overnight breathing analysis to give both the patient and the provider an easy to read report with actionable results.

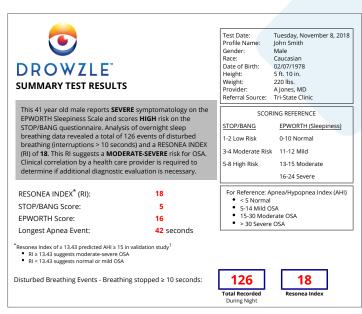


The patient records their breathing by placing the phone near their pillow and activating the program to record and analyze their sleep breathing disturbances overnight. In the morning, both the patient and provider receive their respective reports.

DROWZLE PRO shortens the evaluation time for OSA and motivates patients to take action.

THE RESONEA INDEX (RI)

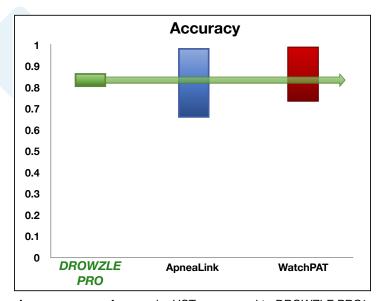
PRO Unlike conventional HSTs. DROWZLE does not report Apnea an Hypopnea Index (AHI). Instead, DROWZLE PRO produces the clinically (RI), Resonea Index a validated, proprietary algorithmic calculation based on an analysis of sleep breathing patterns and clinical measures (e.g. signs and symptoms) that are closely related to the presence of OSA. By combining diverse clinical elements physiologic measure, with the RI simple composite score that provides a broader clinical representation of a patient's OSA status.



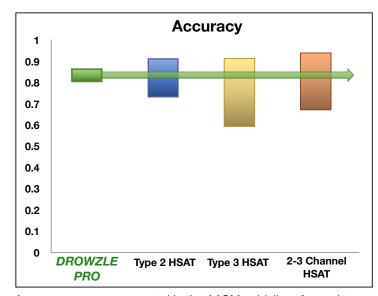
CLINICALLY VALIDATED ACCURACY AGAINST PSG

Data from a clinical trial with simultaneous smartphone recordings and in-lab polysomnograms:¹

- The Resonea Index (RI) was compared to PSG for detection of normal/mild vs. moderate/severe OSA.
- It was demonstrated that the RI can accurately predict OSA with a sensitivity of 93.6% for normal/mild and 93.7% for moderate/severe OSA.
- The RI accuracy is within the range of what has been reported for popular HSTs as well the range reported in the AASM guidelines for each type of ${\rm HST.}^2$







Accuracy ranges <u>as reported in the AASM guidelines</u> for each type of HST² compared to DROWZLE PRO¹

| | DROWZLE PRO | Type 2 HSAT | Type 3 HSAT | 2-3 Channel HSAT |
|---------------------|-------------|-------------|-------------|------------------|
| Sensitivity (Range) | 0.94 | 0.88 - 0.97 | 0.62 - 1.0 | 0.66 - 0.96 |
| Specificity (Range) | 0.63 - 0.67 | 0.50 - 0.77 | 0.25 - 0.97 | 0.62 - 1.0 |

Sensitivity and specificity ranges as reported in the AASM guidelines for each type of HST2 compared to DRWZLE PRO1

DROWZLE PRO - FDA CLEARED

In 2019, the US Food and Drug Administration cleared DROWZLE PRO as the first mobile home sleep test for in-home screening of adults with suspected sleep breathing disorders, such as obstructive sleep apnea (OSA). The full Indication for Use statement is located on the company's web site at https://www.resonea.com/drowzle-pro

- 1. Narayan S et al; Noncontact identification of sleep-disturbed breathing from smartphone-recorded sounds validated by polysomnography; Sleep and Breathing 2018; doi.org/1007/s11325-1695-6
- 2. Published reference sources for product comparisons available upon request

