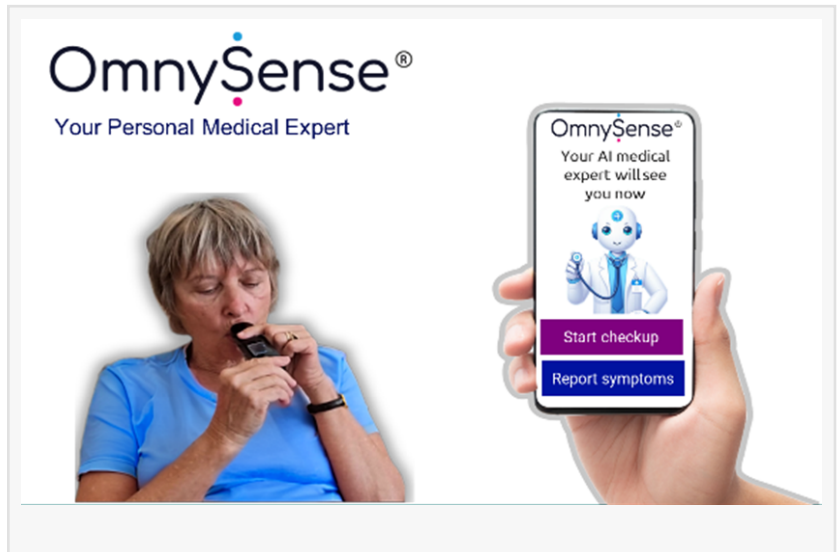


OmnySense Poised to Disrupt Respiratory Health Tracking with Patented Technology

OmnySense receives a US patent on its method of using a "smart thermometer" to acquire and analyze respiratory sounds while "you take your temperature"

TEL AVIV, ISRAEL, February 18, 2025 /EINPresswire.com/ -- Respiratory health is crucial, and at-home tracking is key for early detection and management of respiratory issues. While stethoscopes and spirometers are available, both can be cumbersome

for regular use. Critically, at-home patients lack immediate analysis of their respiratory condition without a physician. [OmnySense](#) addresses this gap, enabling easy and immediate analysis.



The user simply places the thermometer-shaped device under their tongue for 30 seconds, recording respiratory sounds via an in-mouth microphone while simultaneously measuring oral temperature. OmnySense's algorithms and AI-based assessment process these sounds, delivering a medical analysis directly to the user's app. This patented method provides a powerful tool for direct and automatic at-home respiratory tracking.

“

This breakthrough technology provides sophisticated respiratory analysis directly to the consumer. With numerous applications, including pneumonia, COPD and CHF”

Ian Solomon - CTO

OmnySense Ltd., an Israeli digital-health startup, is developing a unique solution which provides the home user with an informed medical assessment at home, powered by state-of-the-art Medical Large Language

Models (Med LMs). The company's thermometer-shaped device is the only one capable of capturing a comprehensive dataset of clinical parameters simultaneously and consistently, including respiratory data, vital signs and ECG. This dataset - together with the patient's symptoms and medical history - is analyzed using Med LMs to provide an automatic assessment directly to the user, and can also be shared with a remote physician, caregiver etc.

Ian Solomon, CTO of OmnySense, stated: "We are delighted to have been awarded this US patent, which we see as validating the originality of our next-generation smart-thermometer technology. This breakthrough technology provides sophisticated respiratory analysis directly to the consumer, with the ability to provide him/her with automatic medical assessments based on a very broad dataset. This has numerous applications, including monitoring respiratory conditions at home and early detection of conditions including pneumonia, COPD and congestive heart failure."

Ian Solomon

OmnySense Ltd

ian@omnysense.com

Visit us on social media:

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/786976511>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.