



A closer focus



Oxitone: an introduction

We're a wearable medical technology company focusing on customers' needs.

We're passionate to solve the challenges and empower remote care of patients with severe chronic conditions.



Urgent Need of New Monitoring Solutions for People with Severe Chronic Conditions



*About **2 million** hospitalizations in the U.S. with a diagnosis of Acute Respiratory Failure followed by a mortality rate of **~30%**.

The top **5% of severe chronic patients account for **50%** of annual care spending.



- ▶ Medical wearable technology advances begin a new trend:
Continuous Remote Patient Monitoring (CRPM)

Old

- Fragmented, spot-check physiological data
- Reactive, post-event care
- Lack of real-time information
- Threshold-based notifications
- Not effectively communicating with severe chronic patients.
- Users burnout

4 times more ER visits for multiple conditions*

- Continuous physiological data
- Prediction and early detection
- Optimized home treatment
- Smart AI-based notifications
- Real-time access
- Great user experience

New

Goal: zeroing avoidable hospitalizations

Addressing Needs Across Markets



Acute Respiratory Failure

Remote monitoring of
COPD, CHF, COVID-19

Sleep Apnea

Home sleep testing and
report

Oncology

Lung cancer and lung
transplant monitoring

Pain and Stress

Care assessment and drug
dose optimization

Customers Need Reliable Medical Technology and Support



Accurate reading

Medical – grade
performance and accuracy
that customers can trust



Comfortable

Wellness-grade comfort
for prolong use with high
users compliance

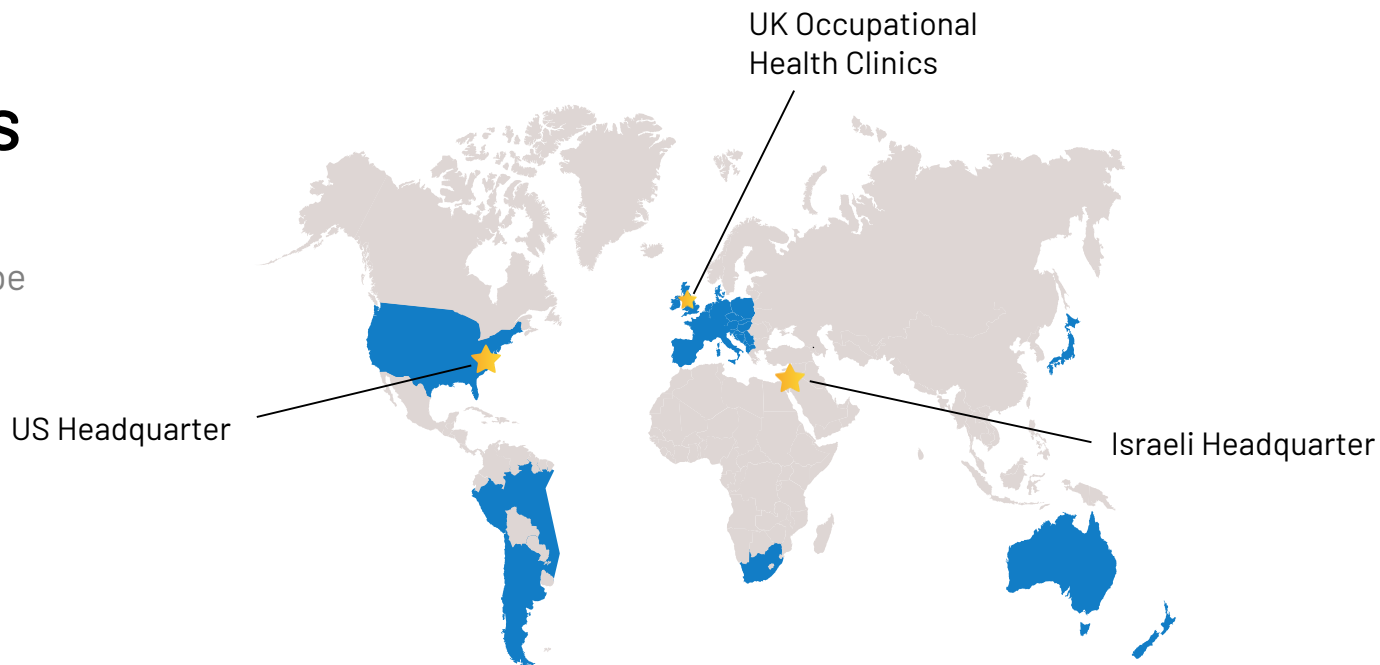


Easy onboarding

Create user experience with
24/7 unlimited training and
customers support

Global Customers and Partners

Covers a wide range of markets across the globe



Our Team is Happy to Serve You



**Leon
Eisen, PhD**

CEO, RSM Associate Member

Inventor of wrist-sensor Oximeter, 15+ years of experience in MedTech, 10 patents, 20 publications



**Ofer
Harpak**

CTO

x3 entrepreneur, Former CTO of BATM/Telco. More than 50 products delivered



**Louis
Shenkman, MD**

Med. Director

Professor of medicine
Former Director of Internal Medicine at Meir Hospital (Israel)



**Reuven
Gladstein**

QA Manager

Experienced product manager, 25 years in medical device industry



**Bar
Segal**

Customer Success

Bioengineer passionate about Customer Success and Healthcare.

History

**Founded by
Dr. Leon Eisen**

**FDE/CE
received**

**Launched
sales**

2014

2010

2017

2019

2020

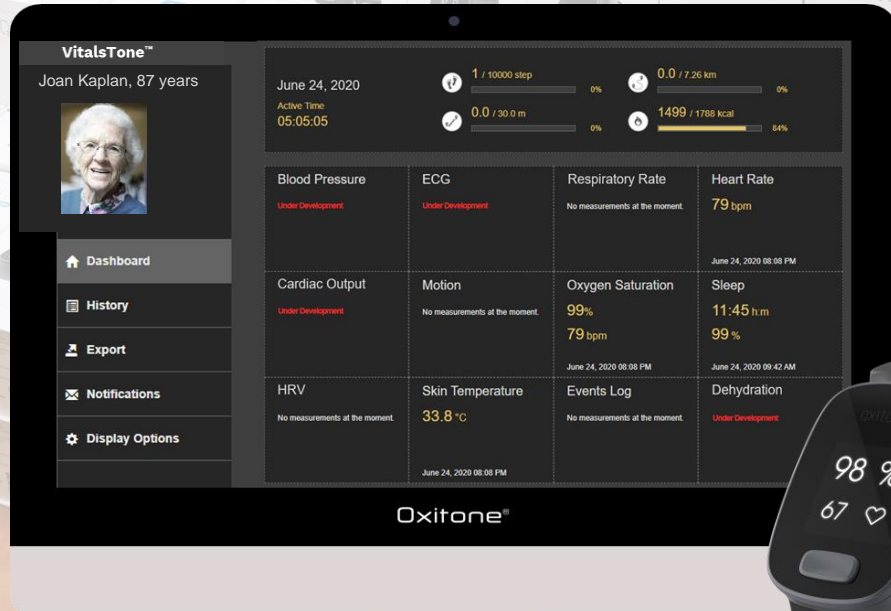
**First clinically
validated prototype**

Wireless wrist-sensor
pulse oximeter

**Mass production
established**

Israel-based manufacturing,
added more vital parameters

Product : #1 in the Market **FDA-Cleared** Wrist Medical Monitor Oxitone[®] 1000M



FDA 510(k)
clearance



Continuous Physiological Measurements



Oxygen Saturation
(SpO2)



Heart Rate



Heart Rate
Variability



Respiratory rate



Skin Temperature



Fall Detection



Activity / Motion



Sleep



*Cardiac Output



*ECG



*Blood Pressure



*Dehydration

*Under development

Unique FlexSense™ Medical Technology

5 US granted patents
30 patents worldwide



Enhanced accuracy:

FlexSense™ elastic optical aperture doesn't affect local blood flow

Enhanced Usability:

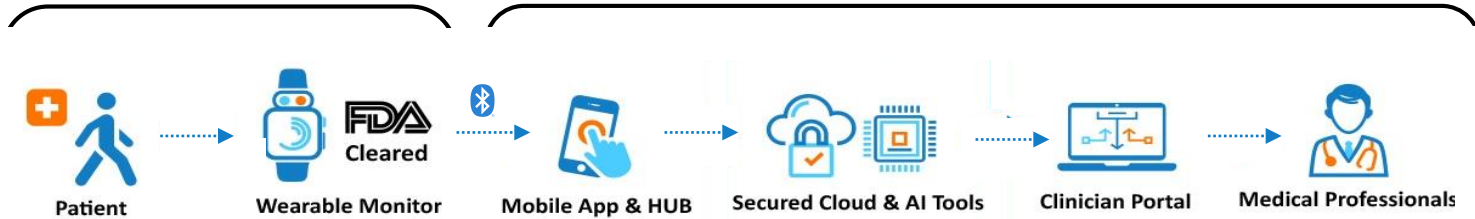
FlexSense™ elastic optical aperture embraces ulnar bone providing superior comfort

Enhanced Reliability:

FlexSense™ elastic optical aperture ensures superior monitoring continuity

Easy Integration Into Remote Monitoring Processes

Bluetooth (BLE) 3rd party integration



87.8%

Patient compliance for 30-day
continuous monitoring

93%

Patients reported a high level
of comfort

82%

Customers reported a high
impact on patients quality of life
and preventing events

More to come...



Upper arm monitor for scientific and pharma testing

Launch: 2021



Oxitone Ring for home sleep testing

Launch: 2021



Software Product Portfolio

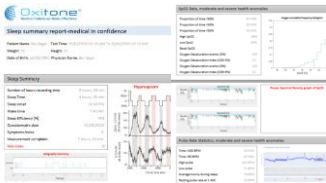
A Software as a Service (SaaS) offering with scalable APIs to enable easy integration



VitalsTone™

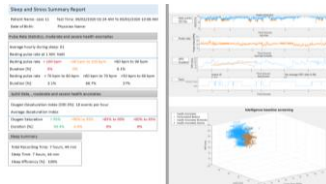
Full-suite solution for continuous remote monitoring and distributed clinical trials. It enables to collect and analyze real-time physiological data and guide personalized therapeutic decision-making.

HIPAA/GDPR compliant. Integrated with about 400 connected medical devices.



SleepTone™

Cloud-based software for home sleep testing with clinical report for occupational health clinics and employers.



LungTone™

Cloud-based software to enable early detection of COPD exacerbation and acute respiratory failure generating a clinical decision support to prevent avoidable readmission and disease deterioration.

Selected Applications

- Our advanced wearable [medical devices](#) and [continuous monitoring solutions](#) enable significant enhancement Remote Patient Monitoring of people with complex chronic diseases ensuring the best clinical outcomes.
- Continuous monitoring during home treatment of exacerbations
 - Continuous monitoring for titration of therapy applications
 - Continuous monitoring post-acute events and rehabilitation progress
 - Continuous monitoring of new therapeutics and drugs development



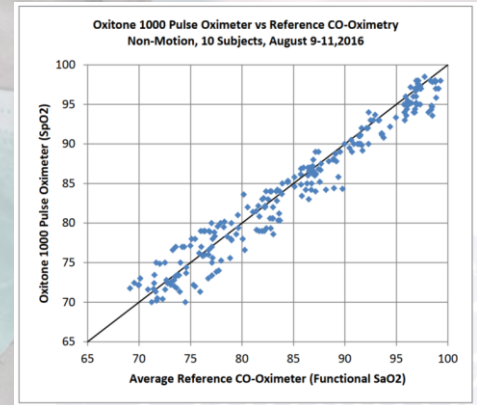
Clinical Case Study

Accuracy

Wrist-Sensor Pulse Oximeter Enables Prolonged Patient Monitoring in Chronic Lung Diseases

Alexander Guber^{1,2} · Gali Epstein Shochet¹  · Sarah Kohn³ · David Shitrit^{1,2}

Journal of Medical Systems (2019) 43: 230
<https://doi.org/10.1007/s10916-019-1317-2>



The Accuracy (figure 1 and 2)

SpO₂ \pm 2.128 and PR \pm 1.729 bpm

Usability (figure 3 and 4)

83.8% (31/37) of the subjects reported that the level of comfort was good or very good with the Oxitone 1000 device, whereas 38.9% (14/36) - with the reference device.

Repeatability

SpO₂ \pm 1.367% (95% CI: [1.303, 1.438]%)

PR \pm 4.606 bpm (95% CI: [4.393, 4.841] bpm)

Reproducibility:

SpO₂ \pm 1.355% (95% CI: [1.287, 1.426]%)

PR \pm 4.564 bpm (95% CI: [4.235, 4.896] bpm)

Oxitone for COVID-19



- ▶ Ascom UMS Selected Oxitone Medical as a Wearable Solution for Continuous Remote Monitoring of COVID-19 Patients

<https://finance.yahoo.com>



- ▶ Israeli company develops wrist monitor to remotely supervise quarantined patients in nursing homes

<https://www.jpost.com>

Oxitone helps identify dangerous factors and prevent COVID-19 complications and mortality:

- “Silent hypoxia”
- High readmission rate
- Deaths in nursing homes
- Keeping cardio-pulmonary patients well and out of the hospital.

What Would Your Patients Prefer...



Oxitone

?



Nonin

A photograph of an elderly couple smiling and looking off-camera to the right. The man is on the left, wearing a reddish-brown sweater, and the woman is on the right, wearing a dark blue top. They are holding mugs, suggesting they are drinking coffee or tea. The background is a soft-focus outdoor scene with trees.

Enhance your Remote Patient Monitoring

Contact Us Now!

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