Oxitone®

Medical Follow-up Made Effortless

98 %

67 ♡

A Full-Suite Medical Continuous Care Solution

Healthcare Upgrade for High-risk Patients

The Need

Failures of care coordination and timely care delivery resulted in about $150 billion in annual wasteful spending. The available solutions merely provide episodic measurements, produce discontinuous patient data, and therefore lead to decision-making based on incomplete information. Patients need a prompt response to emergencies. Physicians need an easy and timely follow-up with patients.

Follow-Up 1000 Patients In 1 Click

Follow-up of chronic patients is a costly challenge. Oxitone® has developed a full-suite, FDA-cleared solution for continuously generating automated medical supervision. In one click, clinicians can unlock patients' real-time intelligent insights and effortlessly help thousands of high-risk patients. Oxitone boosts value-based healthcare by delivering extraordinary patient, clinical and economical outcomes at reduced medical utilization/cost.

Clinician overburdened

Manual and episodic care

Missed adverse event

DIGITAL CONTINUOUS CARE model

Traditional Remote Care
- Episodic data taken occasionally and sporadically
- Off-line & asynchronous care
- Post-event, threshold-based alert, often false
- Costly, "manual" follow-up

Digital Continuous Care
- Accurate, real-time continuous data flow
- 24/7 synchronous care flow
- Trained to predict and avoid adverse events including death.
- "Automated" follow-up

OXITONE'S Full-Suite Solution

OXITONE 1000M

High-Risk Patient

Mobile App

Secured Cloud & analytics

AI-powered Portal

Call Center

AI-powered Portal

Medical Professionals

System Components

Oxitone 1000M - World's First FDA-cleared Wrist-sensor Pulse Oximetry Monitor

- No fingertip probe
- Bluetooth
- Rechargeable long life battery.
- Wearable, easy to use
- FDA-cleared
- CE Mark certified

Patient/Caregiver App - Patients keeping compliant with their care plan

- Real-time digital biomarkers
- Symptoms self-assessment (CCQ)
- Color coded notifications
- Easy connection to care team
- Daily, weekly and monthly reports
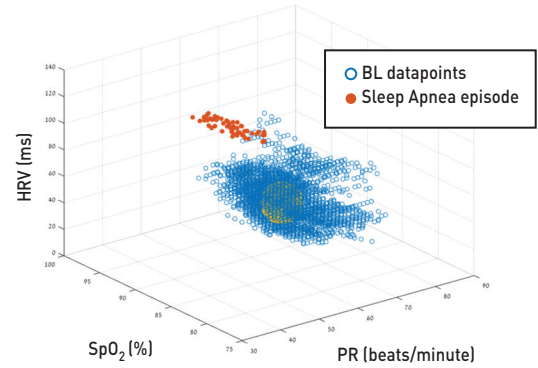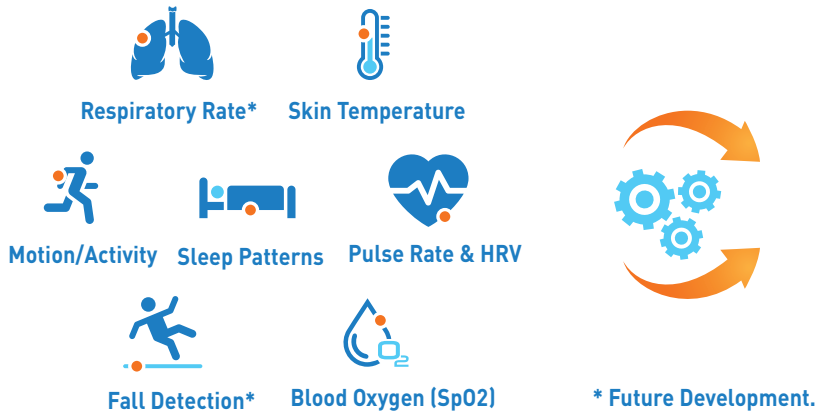- Patient educational tools

Advanced, Integrated SaaS - Physicians effortlessly enhance patient outcome

- Physicians' web portal
- Secured cloud Infrastructure
- Data analytics tools
- Dashboard and reports
- API integration tools
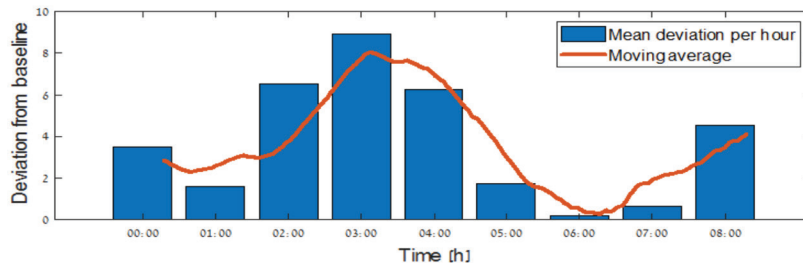- Data delivery on demand

Effortless Rapid Decision Making

Vital Parameters, 1 sec resolution

Respiratory Rate*

Skin Temperature

Motion/Activity

Sleep Patterns

Pulse Rate & HRV

Fall Detection*

Blood Oxygen (SpO2)

* Future Development.

Patient's Base-line with anomaly

- BL datapoints
- Sleep Apnea episode

HRV (ms)

SpO$_2$ (%)

PR (beats/minute)

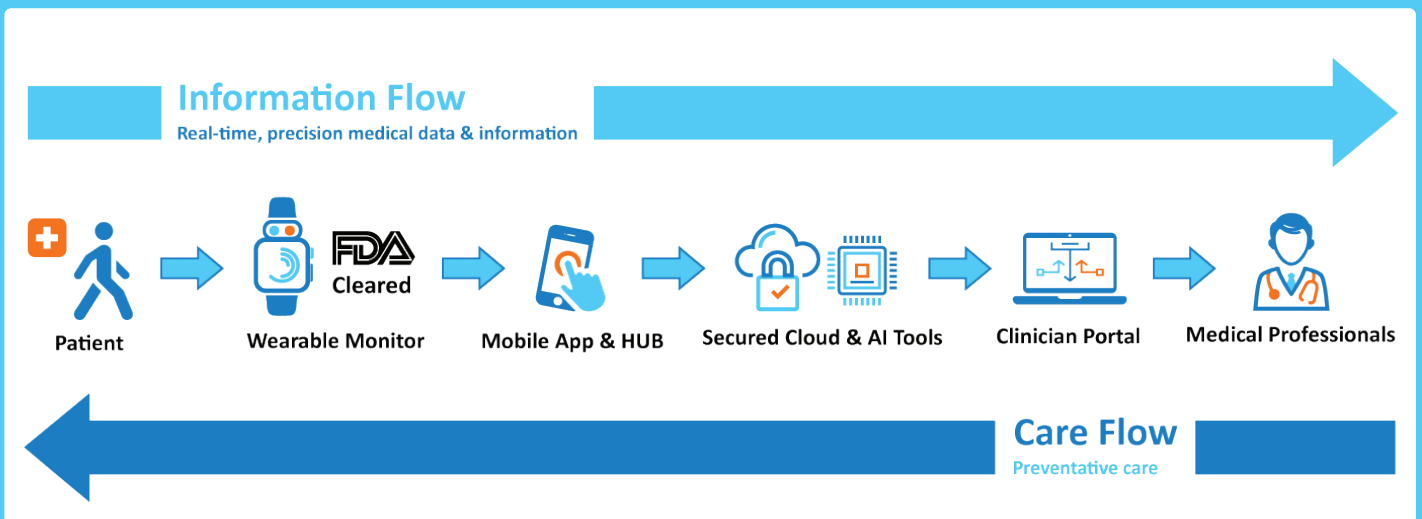**Classification of patients** into clearly defined diagnostic categories & severities

Predictive trends and multi-parameter baseline variations

Immediate & prolonged clinical response to interventions

Deviation from baseline

Time [h]

- Mean deviation per hour
- Moving average

Patient's Real-Time Risk Status

Information-Care Flow Chart

Information Flow
Real-time, precision medical data & information

Patient → Wearable Monitor (**FDA Cleared**) → Mobile App & HUB → Secured Cloud & AI Tools → Clinician Portal → Medical Professionals

Care Flow
Preventative care

New Opportunities for Healthcare Professionals

- Supportive supervision for primary care
- Enhanced sleep / stress monitoring services
- Advanced, long-term continuous RPM programs

New Opportunities for Healthcare Providers

- Low-cost follow-up after discharge
- Reduce labor cost and care utilization
- Services enhancement & upsells

Key Benefits for High-Risk Chronic Patients

- Rapid clinical follow-up
- Keeping out of hospital
- Peace of mind

Key Use Cases

Pulmonary (COPD)

Early identification of COPD exacerbation; timely interventions and prevention of rehospitalizations

Heart Failure (CHF)

Continuous tracking of cardiovascular indices, rapid identification of worsening, call for interventions

Sleep (OSA) / Stress

An earlier diagnosis of OSA using Oxitone resulting in improved job performance within a matter of days

About Us

Oxitone® is a pioneering digital continuous care model with its innovative AI-powered RPM solution that includes three patented innovations: an FDA-cleared wrist-sensor multi-parameter medical monitor and SaaS clinician's portal powered by AI medical intelligence tools. The combination of AI's predictive power with the convenience of wearable medical technology enables clear definition of patient risk categories, speeds up care delivery and accelerates access to care. Our mission is to transform chronic disease management.

One step away from achieving your remote patient care goals
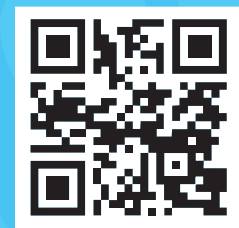
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