Performance . Confidence . Security
HYPOXEMIA
LOW OXYGEN IN YOUR BLOOD
BLOOD OXYGEN LEVELS BELOW 94%

HYPOXIA
LACK OF OXYGEN TO THE BRAIN / ORGAN TISSUES

HEART FAILURE ➔ STROKE
OxiWear was founded with the belief that “most of the hypoxic related deaths can be prevented by having an alert in time”. The OxiWear device is a modern, fashionable, and personalized accessory that monitors your vitals so that you can spend more time living life.

We at OxiWear believe that living with silent-hypoxia should not put your life on hold. OxiWear is an ear-wearable vital monitoring and emergency alert accessory. Sleek, small, and modern, this device will allow you to get the 911 help you need in time.
GENERAL FEATURES

- Continuous Oxygen & Vitals Monitoring
- Low Oxygen Level Alerts
- Emergency Text Alerts
- Predictive Analytics
- Haptic Vibration
- Personalized Mobile Dashboard
- Waterproof
- Customizable Face Plates
### Market Analysis

<table>
<thead>
<tr>
<th></th>
<th>OxiWear</th>
<th>Finger cuff</th>
<th>Wearables</th>
<th>Life alert</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Con. SPO2 Monitoring</strong></td>
<td>✔</td>
<td>✔</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td><strong>Low Oxygen Alerting</strong></td>
<td>✔</td>
<td>✔</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td><strong>Wearable</strong></td>
<td>✔</td>
<td>✗</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>911 Dialing</strong></td>
<td>✔</td>
<td>✗</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Medical Grade</strong></td>
<td>✔</td>
<td>✔</td>
<td>✗</td>
<td>✗</td>
</tr>
</tbody>
</table>

**Medical Grade (SPO2) can only be measured on the earlobe, fingertip, and the toes of babies, ear being the most accurate.**

PATENTS & TRADEMARKS:

• Utility patent for wireless vital monitoring on the earlobe: USA NOA received and international PCT published and pending.

• 2 Design Patents: NOA received in the USA, received and issued in Japan (Japanese Registration Numbers: 1664107, 1664069)

• Trademark received for USA and SE Asia.
**TIMELINE**

- **MVP** (completed, conducting final calibrations)
- **Device Manufacturing** Q2 2021
- **Clinical Trials** April - June 2021
- **FDA 510K Pre Submission** March 2021
- **Patents & Trademark**
  - Utility Patents - USA NOA received
  - INT.PCT (Published, Pending)
  - Design IP - JAP, USA (Issued), , KOREA, CHINA (Pending)
  - Trademark received
- **FDA (510K) Submission** Sept/Oct 2021
- **Medical Device Release** Q2 2022
- **Consumer Device Release** Q3 2021
BIG MARKET WITH A GLOBAL NEED
10% OF THE GLOBAL POPULATION

$15B SAM

$29B TAM by 2026
Medical Wearable Market
(cardiopulmonary business magazine, April 24, 2019)

USA: > 50 MIL PATIENTS
70% WOMEN
20% PEDIATRIC

PRIMARY PH NEW CASES:
USA - 299/Y, 24/M, 5/W
GLOBALLY - 6347 PER YEAR
(NHLBI, 2015)

SECONDARY PH:
BIGGEST CONTRIBUTOR – COPD 25MIL (USA)
SILENT HYPOXIA
IMPACTS MANY MORE:

- Pulmonary Hypertension
  - USA: 50 MIL
  - Glob: 10%

- Drug Abuse
  - USA: 21 MIL
  - Glob: 35 MIL

- Sleep Apnea
  - USA: 18 MIL
  - Glob: 100 MIL

- Asthma
  - USA: 25 MIL
  - Glob: 235 MIL

- Epilepsy
  - USA: 3.4 MIL
  - Glob: 50 MIL

- COVID-19 Patients
  - USA: 857,448 Hospitalizations

- High Altitude Athletes & Communities

- High Cardio Sports

- Deep Divers
  - Jet Pilots

- POTS
  - USA: 3 MIL
  - Glob: 1%
CONSUMER BUSINESS MODEL

DEVICE SALES — $299.99
NON-MEDICAL

ACCESSORY SALES - $25

PREMIUM APP SUBSCRIPTION
$9.99/M, $99/Y

BUSINESS MODEL

DEVELOPMENT

LICENSING TECHNOLOGY

LICENSING DATA

DEVICE SALES
MEDICAL

PERFORMANCE MONITORING & 
REMOTE PATIENT MONITORING 
DASHBOARD SUBSCRIPTIONS

CORPORATE BUSINESS MODEL
Pre-Sales Alert Signups: 900+

Reached Out By:
- Samsung
- Teijin
- Cystic Fibrosis Foundation
- COPD Foundation
- Adult Congenital Heart Association
- Pulmonary Fibrosis Foundation
- Epilepsy Foundation
- American Heart Association

Partnership Discussions With:
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Years of Experience</th>
<th>Education/Expertise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shavini Fernando</td>
<td>Founder &amp; CEO</td>
<td>15+</td>
<td>BSc (Comp), MSc (Comp), MBA, MA (CCT) &lt;br&gt;Expertise in Software Development &amp; project management</td>
</tr>
<tr>
<td>George Beckstein</td>
<td>CTO</td>
<td>10+</td>
<td>BS in Electrical Engineering. Expertise in pulseoxi/wearable firmware technology</td>
</tr>
<tr>
<td>Todd Kolb</td>
<td>CMO</td>
<td>15+</td>
<td>Pulmonary &amp; Critical Care, M.D., Ph.D.  &lt;br&gt;Asst Prof. Pulmonary and Critical Care &lt;br&gt;Johns Hopkins University Hospital</td>
</tr>
<tr>
<td>Ben Salthouse</td>
<td>Lead Product Designer</td>
<td>10+</td>
<td>BS in Industrial Design &lt;br&gt;Expertise in Product Design &lt;br&gt;Under Armour, Ear Peace, Frog etc.</td>
</tr>
<tr>
<td>Michael M Boncaldo</td>
<td>Biometric Algorithms Engineer</td>
<td>25+</td>
<td>B.S. in Mechanical Engineering &lt;br&gt;Expertise in biometric algorithms development Embedded Technologies</td>
</tr>
<tr>
<td>Michael Kim</td>
<td>Senior Mobile App Developer</td>
<td>7+</td>
<td>BS in Computer Science &lt;br&gt;Expertise in Full stack development Google</td>
</tr>
<tr>
<td>Yaolin Chen</td>
<td>Market Research Analyst</td>
<td>5+</td>
<td>BA (Int. Business), MA (CCT) &lt;br&gt;Expertise in Data Analytics and Market Research</td>
</tr>
<tr>
<td>Xiaoman Chen</td>
<td>UI/UX &amp; Design Specialist</td>
<td>3+</td>
<td>BSc (Mass Communications), MA (CCT) &lt;br&gt;Expertise in UI/UX Design</td>
</tr>
</tbody>
</table>
ADVISORY BOARD

TED LEONSIS
Founder and CEO of Monumental Sports & Entertainment

ELIZABETH CHO-FERTIKH
Managing Director MEDA Angels
Founder ECF BioSolutions

GREG ERMAN
President & CEO
EmpiraMed

ROSE CARTER
President
Rose & Paul Carter Foundation

MICHAEL LEDECKY
Sports And Enterprise Marketer Everfi
MBA Candidate Harvard Business School

JEFF REID
Founding Director, Georgetown Entrepreneurship Initiative

PETER MELLEN
Founder, Netcico
President, Riverhead solutions
Testimonials

One of the long-standing needs in my field is for accurate continuous monitoring of blood oxygen levels, both for managing treatment, medications and supplemental inspired oxygen, and to provide immediate alerts when levels fall to life-threatening low levels. Ms. Fernando has made very significant progress towards filing this void and making such a system through her research and development of OxiWear.

Thomas A Trail, B.M. B.Ch., M.B.B.S.
Director, the E. Cowles Andrus Cardiac Clinic I Professor of Medicine
Johns Hopkins Hospital

I am a firm believer that when investing in a startup, you are investing in the founder just as much as you are investing in the company. It was very clear from Shavini’s investor presentation that she has what it takes to be a successful entrepreneur – she is passionate about the issue (being personally afflicted with the disease), she has developed a product solution in a market where one does not currently exist, and she has surrounded herself with great advisors to help her navigate the early stages of a startup and scale her product both in the U.S. and globally.

Ted Leonsis
Founder and CEO of Monumental Sports & Entertainment

My patients include a large number with chronic conditions of the skin and peripheral circulation that make oximetry data unreliable or unobtainable. As a medical professional, it can be frustrating to see a need within your field of practice with no way to fill it. As an exceptional medical technology entrepreneur, Ms. Fernando is able to fill this need, changing the lives of the people who will use her device. OxiWear’s inclusion of the emergency contact function along with the continuous monitoring is truly innovative and will fill a pivotal need for the individuals utilizing OxiWear, potentially saving lives.

Todd Matthew Kolb, M.D., Ph.D.
Assistant Professor Pulmonary and Critical Care
Johns Hopkins University Hospital

My Oxygen levels drop when I’m sleeping. And I won’t know unless I wake up and wear the pulse oximeter on my finger. When the oxygen drops you can’t look for your phone or even call the person in the next room. So this device will exponentially help people and will save a lot of lives.

Jessica Kiser
PAH Patient (due to HHT)
Baltimore, USA

Over the last 5 years since I got diagnosed with PH I realized how important is it to keep track of your oxygen levels. Then I heard of OxiWear. My mind was blown. This device will help save so many lives, and give people like me a little more freedom from worrying too much about passing out. A device like this is life changing. I can’t wait to have one.

Rich Hozjan
PAH Patient
Seattle, USA

Olyvia’s oxygen levels can fluctuate dramatically. Knowing what Olyvia’s oxygen levels are can literally save her life! We can’t always be with her so the people won’t know what to look for. When Olyvia’s oxygen levels drop, she does not act as though she is sick. Therefore, it’s hard for us to even know she needs extra oxygen support unless she passes out. Being able to see her oxygen saturation will make our lives easier and also assist the people who help watch her.

Kimber Brittanly Amborn
Parent of 6 year old PH patient Olyvia Jade
Colorado, USA
“My son died from pulmonary hypertension last year. If only we'd had a way to track his oxygen levels.”