

## Continuous & Contactless Health Sensor: vitals, apnea & sleep for baby & elderly



onskyhealth.com San Jose CA



### LEAD INVESTOR



**Anhtai H Nguyen** Chief Healthcare Executive

A sensing system that monitors patients in a continuous and contactless fashion would be a major disrupter for the healthcare industry. It would essentially change the way we monitor and care for patients in various clinical settings. As a surgeon and Chief Clinical Officer for various health systems, having such an intelligent device would be an invaluable tool to support our providers in caring for patients and in situations where vital signs are quickly needed to make critical clinical decisions. In addition, having access to longitudinal data would allow physicians and patients to make informed decisions about wellness, preventive care, chronic care management.

**Invested \$5,000 this round & \$75,000 previously**

## Highlights

- 1 Patent-Pending Continuous & Contactless Health Sensor Technology (vitals, apnea, sleep) with AI/ML
- 2 Baby monitor: the First Contactless Health Sensor for babies (heart, breathing), a game changer
- 3 Virtual care for elderly, homecare, senior living: comfortable sleep, continuous & real-time data
- 4 On-demand subscription service for Urgency Detection, Alert & Call/Text for early intervention
- 5 R&D: Revolutionary Continuous & Contactless Blood Pressure Sensor, no skin contact, a game changer
- 6 Experienced Founder led multiple startups with 2 successful M&A's, Inventor with 35 patents
- 7 In production, pre-launched with over 1,000 active users
- 8 Raised \$850K up to date from top-tier angels and VCs

## Our Team



**Hung Nguyen** Founder, CEO and Inventor

Experienced Executive & Technologist in AI, ML, chips, medical devices. Founded several startups with 2 successful M&A's. Prolific inventor: 35 patents. Delivered million products to consumers. Passionate to revolutionize virtual care/ baby care.

The Contactless Health Sensor with Urgency Alert is my invention that helps me to take care of my father remotely as he refuses to wear any device while sleeping. I believe it will help millions of people. It enables

caregivers to provide remote care to patients efficiently. Parents can monitor their baby's well-being anytime with peace of mind.



**Dr. Anh Tai Nguyen** Chief Healthcare Executive

Physician & Board-Certified Surgeon with 20+ years of clinical & executive experience. Chief Value Officer, System Chief Clinical Officer, Chief Quality Officer, Board Chair, Physician Surveyor, Assistant Professor, Eastern Virginia Medical School



**Christina Bui** Chief Business Development Officer

Over 30-year experience in business development at several Fortune 500 companies. Executive at Johnson & Johnson Healthcare. Strategic advisor, board member to venture funds & startups. Awarded "Most Influential Woman in Business" SF Business Times.



**Carol Stefaniak** Chief Nursing Executive

VP/CNO at Self Regional Healthcare, 25-year experience in acute care & children care. Member AONE Nurse Manager Fellowship Selection Committee. Principal at Nationwide Children's hospital. Doctor of Nursing Practice & Master Nursing Admin.



**Tung Do** Vice President of Engineering

OnSky Medical Device engineering and country manager in Vietnam. Executive & Technologist with 20 years of experience in hardware, software and medical technologies.



**Ron Sreenan** Vice President of Sales

Global sales executive with over 30 years of experience in consumer electronics and medical devices. Executive at LG, Toshiba, Sharp, Warner Brothers. Handled sales with extensive network of nursing homes and physicians.

## Pitch



**Continuous & Contactless Health Sensor Technology**  
*For Babies and Elderly*



OnSky Health International  
+1(408)913-0004    info@onskyhealth.com    www.onskyhealth.com



## Founder's Story



Hung Nguyen is an accomplished serial entrepreneur and prolific inventor:

- ❑ Led 2 startups through successful M&A exits
- ❑ Inventor of 35 patents

Hung's parents were living far away from him.

In 2018, for his peace of mind, Hung gave his father a **smart watch** to wear so he could monitor his health remotely.

To his surprise, his father hated it and refused to wear it:

- ❑ *It was so uncomfortable to wear while sleeping.*
- ❑ *He kept forgetting to put it on.*

From disappointment to inspiration, Hung set out to design an innovative solution for **Remote Care or Virtual Care ...**

**And that is the Beginning of OnSky Health ...**



## The Problems

Virtual Care including Elderly Care and Home Care is an \$800B market  
But there are still some key issues to be resolved



**Single Measurement: Inaccurate Diagnosis**

**OnSky Solution:**  
Continuous & Real-Time Monitoring and Data Collection



**Wearing Device during Sleep: Just Uncomfortable!**

**OnSky Solution:**  
Contactless / Wearing no device during sleep



**Lack of Emergency / Urgency Service**

**OnSky Solution:**  
Provide Urgency Detection & Alert 24/7 along with monitoring device Save Lives!



**Bluetooth/WiFi radiates EM waves: HARMFUL if worn on body for long time**

**OnSky Solution:**  
Contactless Device that has NO wireless technology inside

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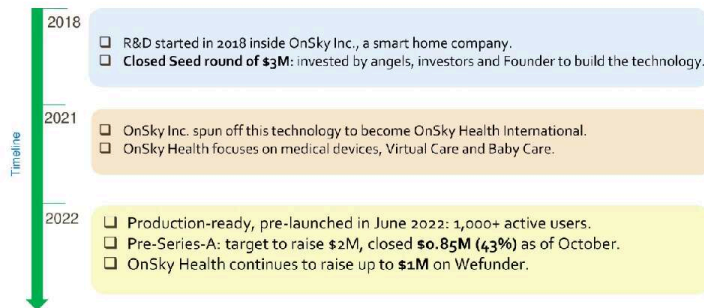
## OnSky Health International Innovation for Peace of Mind



We revolutionize **Virtual Care** with the proprietary **Continuous & Contactless Health Sensor Technology** powered by AI & Machine Learning for Elderly and Babies

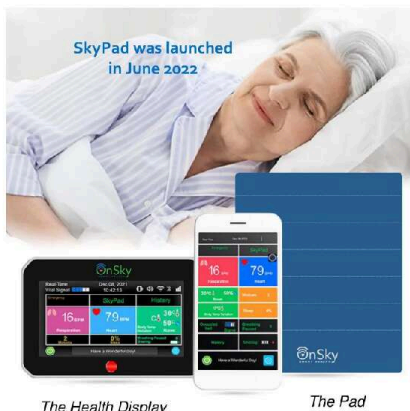
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## Overview



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Forward-looking projections are not guaranteed.



SkyPad was launched in June 2022

The Health Display

The Pad



## SkyPad™

Continuous. Accurate. Comfortable

We invented **the Continuous & Contactless Health Sensor Technology** with AI & ML

- ☐ Sense and Track Vital Signs and other health data.
- ☐ **Truly Contactless:** No skin contact, up to 3 feet away from body.
- ☐ Remote Health Monitoring and Virtual Care solution for **the Elderly and Patients.**

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## SkyPad: All-in-One Sensor

First Wireless Skin Contact, Contactless Health Sensor



EVEN WITHOUT SKIN CONTACT, SKYPAD SENSOR IS **ULTRA-SENSITIVE**



Heart Rate



Breathing Rate



Bed-Leaving Alert  
for Falling Prevention



Pressure Ulcers  
Prevention



Seizure / Spasm



Estimated Body Temperature  
Room Temperature & Humidity

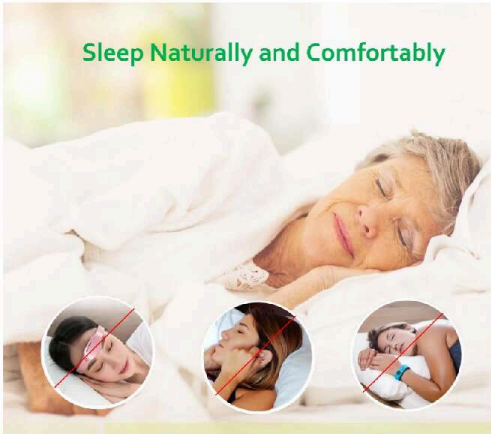


Sleep Cycles



Apnea & Snoring

## Sleep Naturally and Comfortably



**SkyPad**  
provides significant benefits  
to Elderly & Patients

- Absolutely No Skin Contact
- Up to 3 feet distance from body to Pad
- Sleep Better, Heal Faster!
- Technically Proven: tested over 1,000 people

## Industry's Best Contactless Sensor Technology

Ultra-Sensitive, Intelligent and Scalable



The Pad can be placed in various locations and even far away from user's body



Pads under Pillow



Pads for Couple  
(intelligently pick up proper signals)



Pad next to Pillow  
(Distance between Pad and body can be up to 3 feet)



Sitting next to Pad  
(Yes, that's right! It works even you are sitting!)

**Truly Contactless!**

## SkyPad Family



**SkyPad-1**  
No LCD  
\$300

**SkyPad-2**  
With LCD  
\$400

**SkyPad-PRO**  
High sensitivity, long distance, more features  
> \$700

## DreamBe™ Sensor

Best-in-Class Baby Monitoring Solution



Heart Rate



Breathing Rate



Motions





Sleep Position



Health Display  
The Pad



Crying Detection



Sleep Cycles



Room Temperature & Humidity



Day & Night View  
(HD camera is add-on product)

## DreamBe™ is a Game-Changer



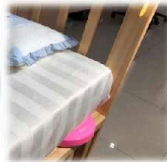
Safe for Baby  
No wireless from Pad



All-in-One  
Health & Safety Sensor



Contact-Free  
Comfortable Sleep for Baby



## DreamBe™ Family



*Peace of Mind for Parents*

### DreamBe-1

Pad color options: pink, blue, or white  
Pad shape options: round or square  
No touch-screen HD display

\$299

### DreamBe-2

Pad color options: pink, blue, or white  
Pad shape options: round or square  
Including touch screen HD display

\$399

### DreamBe-Cam

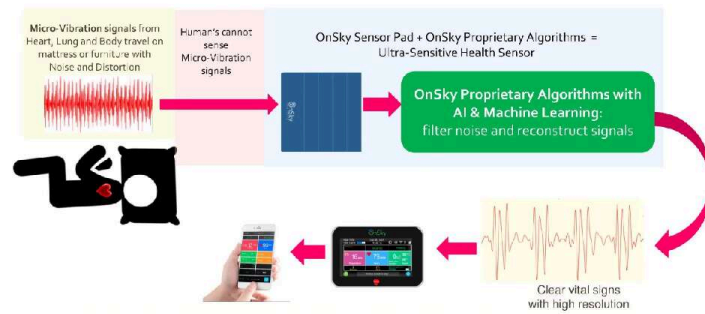
Add-on: WIFI HD Camera  
Night Vision and 2 way Audio

\$499

## How It Works

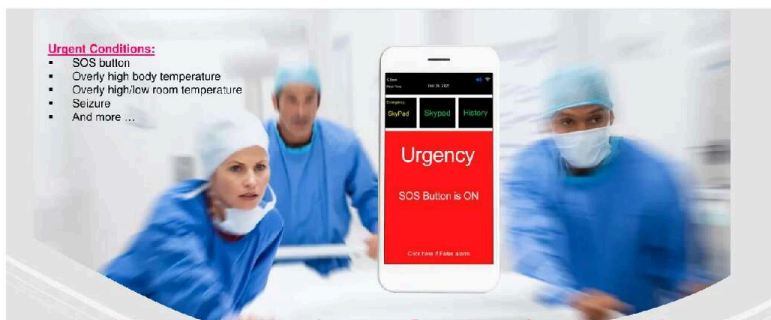


SkyPad and DreamBe are powered by  
OnSky Patent-Pending Contactless Health Sensor with AI & Machine Learning



### Urgent Conditions:

- SOS button
- Overly high body temperature
- Overly high/low room temperature
- Seizure
- And more ...



## Urgency Detection & Alert Service (UDAS)

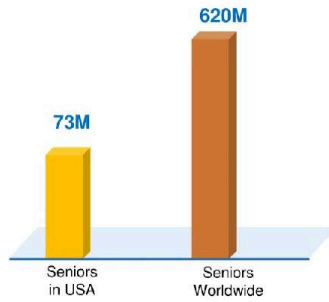
On-Demand Subscription Service

- Automatic Detection of Urgent Conditions
- Alarm, Alert and Call/Text Family Members, Caregivers as First Responders
- Subscription fee: **\$20 - \$30 per month**

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### Market Potential Elderly Care & Aging Population



- ✓ This market is HUGE for SkyPad!
- ✓ Shortage of nurses and caregivers to provide adequate care for patients
- ✓ It is also underserved in assistive technologies for virtual care

Source: researchandmarkets.com

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### Market Opportunities Baby Care & Baby Monitoring

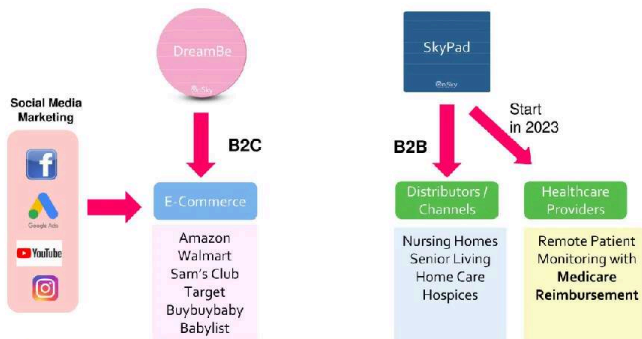
- ✓ \$10B worldwide in 2020
- ✓ This is the generation of busy and overly anxious parents
- ✓ Parents will spend money for PEACE OF MIND
- ✓ Owlet Care: our competitor went IPO via SPAC for \$1.3B valuation demonstrating high demand in Baby Care market

**DreamBe™**

Peace of Mind for Parents

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### Go-To-Market Strategy



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### Production Ready for E-Commerce and Distribution Channels

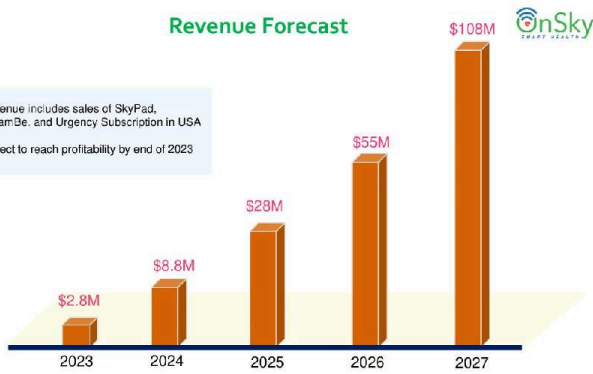


- Products have been tested on over 1,000 active users
- Deployed in nursing homes: Partnership with **Signature Living**, top tier Nursing Homes in Northern California
- Actively signing contracts with Distributors and Resellers
  - USA: Van Von Capital
  - Japan: Ryosan (top tier distributor)
  - Thailand: True Digital (telecom and healthcare conglomerate)

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## Revenue Forecast

- Revenue includes sales of SkyPad, DreamBe, and Urgency Subscription in USA
- Project to reach profitability by end of 2023



\* Forward-Looking Projections are not guaranteed

## Competitive Landscape

Smart Watches and Sleep Trackers are not competitors of OnSky in Remote Care / Virtual Care Market

### Smart Watches & Sleep Trackers



Smart Watches and Sleep Trackers are not designed for Remote Care / Virtual Care

Continuous Monitoring	Real-Time	Automatic Measurement	Non-Intrusive	Remote Care Software for Doctors/Patients	Urgency Service Protection 24/7
X	X	X	X	X	X

### OnSky Health



**OnSky's differentiation:** OnSky offers Continuous & Contactless Health Monitoring & Data Collection with Urgency Alert with focus on Virtual Care

Continuous Monitoring	Real-Time	Automatic Measurement	Non-Intrusive	Remote Care Software for Doctors/Patients	Urgency Service Protection 24/7
✓	✓	✓	✓	✓	✓

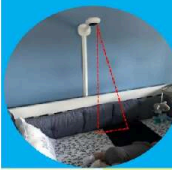
## Competitors

Intrusive, emit harmful radiation and limited functions



### Owlet Care:

- Wearable on baby's foot - uncomfortable and falls off
- Use Bluetooth wireless in device
- SPAC in 2021 at ~\$1.4B valuation



### Nanit:

- Use camera to detect breathing that requires baby to wear special blanket or clothes - intrusive
- No Heart Rate monitoring

## DreamBe™ Vs. Others

	ONSKY	OWLET	NANIT
Contactless for Comfortable Sleep	✓	X	X Wear blanket
Heart Rate Monitoring	✓	✓	X
Breathing Monitoring	✓	✓	✓
Safety: No wireless / EM wave on device	✓	X radiating wireless wave	✓
Support HD Camera	✓	✓	✓

## Founder, CEO & Inventor: Hung Nguyen

- Experienced Executive & Technologist with 30 years in IOT, AI, machine learning, medical devices, chips and wireless
- Founded and led 2 startups to successful M&A (NeoMagic DVD & Blue7)
- IPO with NeoMagic



Prolific Inventor  
Over 35 Patents



Santa Clara University  
MSEE & MBA



University of Southern California  
BSEE



Awarded "Inventor of the Year" at  
Quantum  
Revolutionized Digital Hard Disk Drive



Industry's First DVD  
Klips. Acquired by LSI  
Logic.



Founder & CEO, wireless  
for medical devices.  
Acquired by Sigma.



VP, Pioneer UWB  
wireless for AV and  
medical devices



Founder & CEO, Electric  
Vehicle chip and Smart  
Home chips



### The Brain behind OnSky Technology

Invented and created the architecture & algorithms for the Contactless Sensors

## Leadership Team

Extensive Experience in Healthcare and Medical Devices





**Christina Iui**  
Chief Business Development Officer  
Partner, Kylan Ventures, Healthcare  
ence at Johnson & Johnson, "Most  
influential Women in Business" by SF  
Business Times



**Anh-Tai Nguyen, MD, MBA**  
Chief Healthcare Executive  
Physician, Surgeon, professor and  
Chief Clinical Officer at Bon Secours  
Mercy Health Hospital



**Carol Stefaniak, DPN, RN**  
Chief Nursing Executive  
VP/Chief Nursing Officer at Self  
Regional Healthcare. Acute care &  
Children care.



**Nabil Abujbara**  
VP, Software & SaaS  
30 years experience in  
Software/SaaS, Healthcare,  
IT and Telehealth



**Tung Do**  
VP, Medical Device  
Engineering & Production  
20 years experience in medical  
device and manufacturing



**Ron Sreenan**  
Senior Sales Executive  
Global sales executive with 30  
years in consumer electronics  
and medical devices

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## Advisory Board Experts and Executives in Healthcare and Business



**Steve McDonald**  
President, InterNet Darts  
Executive at Advisory Senior Living, 30  
years in elderly care.



**Nga Tran**  
Partner, S2S+ Advisors  
Advisor, investor and entrepreneur with 30 years in  
investment banking and asset management.



**Mark Pedrotti**  
Partner, Reed Smith  
Global Chair of Reed Smith private equity group.  
Specialized in private equity, venture capital, M&A.



**Huu Do, JD**  
Partner, Kylan Ventures  
Business development and strategist.  
Managing intellectual properties



**Tony Lam**  
Partner, Resilience Ventures  
Shark Tank winner, E-commerce  
logistic, entrepreneur and investor



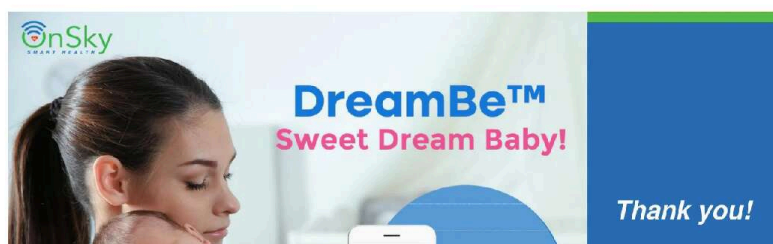
### Disclaimer:

OnSky products are not medical devices. OnSky offers general wellness and connected-health solutions that monitor user's wellness non-invasively. It is not intended to diagnose, treat or cure any disease or any medical conditions. OnSky makes no guarantee that our devices / services are 100% accurate and that our devices / services can detect all urgency or emergency conditions. The products and services are not substitute for medical treatment or adult supervision and care. You acknowledge, understand and agree that your use of the products and services is entirely at your own risk.

### Forward-Looking Statements:

All Forward-Looking Statements and Projections in this presentation are not guaranteed and are subject to change without notice.

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**Contactless Health Monitor  
for Peace of Mind**

[info@onskyhealth.com](mailto:info@onskyhealth.com)  
[www.onskyhealth.com](http://www.onskyhealth.com)

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The image shows a woman holding a sleeping baby. To the right, a smartphone displays the OnSky app interface, which includes a heart rate monitor, a thermometer, and a pulse oximeter. The app is titled 'OnSky' and 'Contactless Health Monitor'.