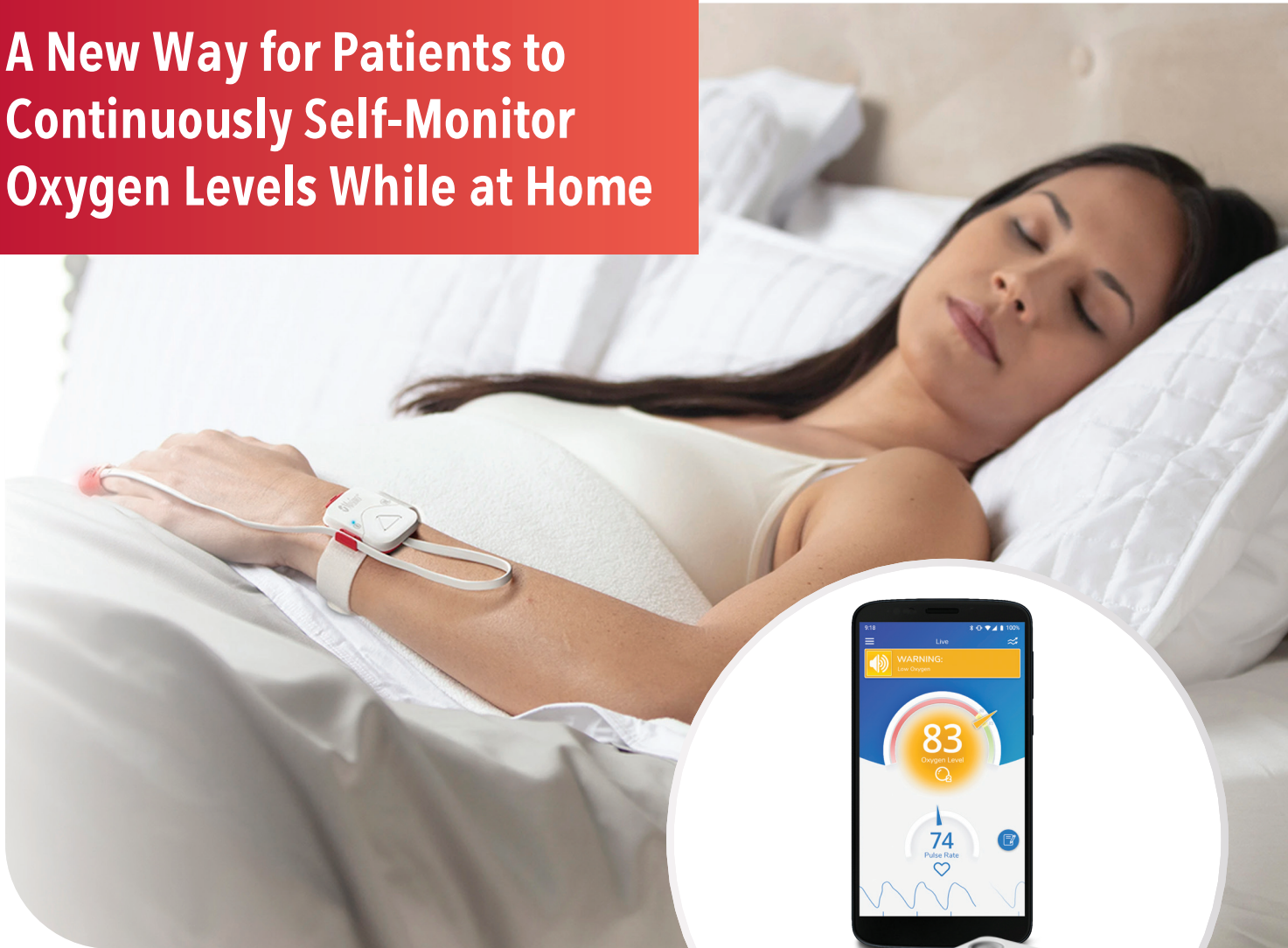




## Introducing

# A New Way for Patients to Continuously Self-Monitor Oxygen Levels While at Home



## Masimo SafetyNet Alert™ Oxygen Monitoring & Alert System

Powered by Masimo SET® pulse oximetry, Masimo SafetyNet Alert sends escalating alerts to patients and their loved ones if blood oxygen levels decline, raising awareness when help is needed.

- Continuously monitors blood oxygen saturation (SpO<sub>2</sub>), pulse rate (PR), and perfusion index (Pi)
- Sends alerts if oxygen levels fall below thresholds\*
- Features a comfortable, disposable fingertip sensor, a home medical hub, and intuitive mobile app

# Help Your Patients Stay Alert at Home.

A number of clinical situations can put patients at higher risk of low oxygen levels.

## WHILE TAKING OPIOIDS

Patients taking prescription opioids for pain management may be at risk for slowed or stopped breathing, especially while they sleep.<sup>1</sup>

## OUR SOLUTION

Continuous monitoring and alerts can raise awareness when help may be needed.

### Continuous Monitoring Has Been Shown to Improve Outcomes in Hospitals

After implementing continuous patient monitoring with Masimo SET® and a remote clinician notification system, researchers at Dartmouth-Hitchcock Medical Center found zero preventable deaths and brain damage due to opioid overdose in post-surgical wards, as well as maintain a 60% reduction in rapid response team activations and a 50% reduction in unplanned ICU transfers over a 10-year period.<sup>5-7</sup>

Masimo SafetyNet Alert leverages the same pulse oximetry technology and a notification system to bring a proven hospital approach to the home setting.

↓60%

REDUCTION IN RAPID RESCUE EVENTS

↓50%

REDUCTION IN ICU TRANSFERS

## WITH COVID-19

Patients who've been diagnosed with COVID-19 can experience dangerously low levels of oxygen, sometimes without knowing.<sup>2-4</sup>

## OXYGEN LEVELS CAN CHANGE QUICKLY

Continuous monitoring and alerts can help them know when their condition worsens.

## OTHER HEALTH CONDITIONS

Patients with acute or chronic respiratory conditions (including sleep apnea, COPD, cancer, influenza, obesity, etc.) also have periods of time when they may be subject to dangerous oxygen desaturation events.



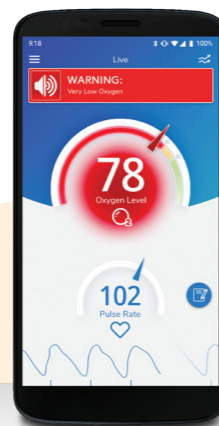
## Escalating Alerts Help Keep Your Patients Safe

As oxygen levels decline, an escalating alert system\* notifies the patient and their designated emergency contacts.



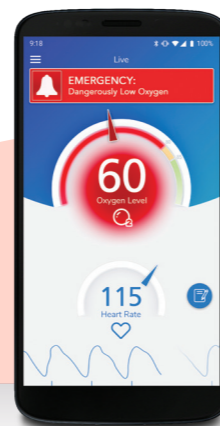
**Alert 1: Caution**

When a patient's blood oxygen level is low, the system alerts them.



**Alert 2: Warning**

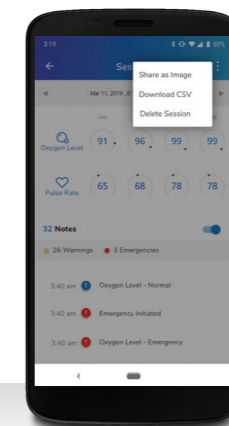
As their blood oxygen level drops even lower, the system alerts the patient and sends automatic texts to designated friends and family.<sup>†</sup>



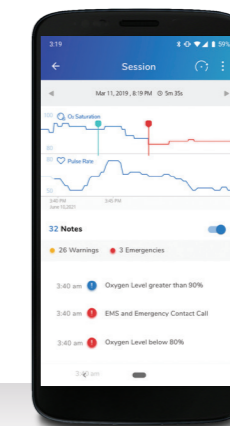
**Alert 3: Emergency**

## Trended Data Help Track Patient Progress

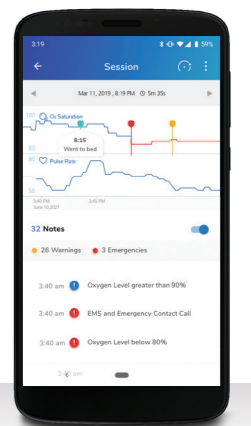
The easy-to-use app not only offers the ability to collect and share data—it provides the opportunity to make that data meaningful.



> Review data and trends with a patient to gain more insight into their condition.



> Patients can export CSV data and send to you or a loved one.



# Powered by Clinically Proven Pulse Oximetry Technology

- Uses Masimo SET® Measure-through Motion and Low Perfusion™ pulse oximetry.
- Masimo SET® has demonstrated significantly fewer false alarms and more true alarms than conventional pulse oximeters in hospital settings.<sup>10</sup>
- Masimo SET® is the primary pulse oximetry at 9 of the top 10 U.S. hospitals as ranked in the 2021-22 *U.S. News and World Report* Best Hospitals Honor Roll.<sup>11</sup>

## See How Masimo Outperforms Conventional Pulse Oximeters

	Masimo SafetyNet Alert	Leading Consumer Fingertip Pulse Oximeters
Continuously monitors even while sleeping	✓	✗
Uses the same pulse oximetry trusted by hospitals to monitor over 200 million patients every year <sup>12</sup>	✓	✗
Enables monitoring of a loved one even when miles apart	✓	✗
Accurate even during conditions of motion or low perfusion	✓	✗
Accurate across all skin pigmentations	✓	?



Available online at [masimosafetynetalert.co.uk](https://masimosafetynetalert.co.uk)

<sup>1</sup> Opioid Overdose. *World Health Organization*. <https://www.who.int/news-room/fact-sheets/detail/opioid-overdose>.  
<sup>2</sup> Harvard Health Publishing. COVID-19 basics. *Harvard Medical School*. 25 August 2021. [health.harvard.edu/diseases-and-conditions/covid-19-basics](https://health.harvard.edu/diseases-and-conditions/covid-19-basics).  
<sup>3</sup> Boston University. Three reasons why COVID-19 can cause silent hypoxia: Biomedical engineers use computer modeling to investigate low blood oxygen in COVID-19 patients. *ScienceDaily*. 19 November 2020. [sciencedaily.com/releases/2020/11/201119153946.htm](https://www.sciencedaily.com/releases/2020/11/201119153946.htm).  
<sup>4</sup> Chatterjee NA et al. Admission respiratory status predicts mortality in COVID-19. *Influenza Other Respi Viruses*. 2021;15:569–572.  
<sup>5</sup> McGrath S et al. *J Patient Saf*. 2020 14 Mar. DOI: 10.1097/PTS.0000000000000696.  
<sup>6</sup> Taenzer AH et al. *Anesthesia Patient Safety Foundation Newsletter*. 2012. Available at: [http://www.apsf.org/newsletters/html/2012/spring/01\\_postop.htm](http://www.apsf.org/newsletters/html/2012/spring/01_postop.htm).  
<sup>7</sup> McGrath et al. *Jt Comm J Qual Patient Saf*. 2016;42(7):293–302.  
<sup>8</sup> Bolden N et al. *Anesth Analg*. 2020;131(4):1032–1041.  
<sup>9</sup> Gupta K et al. *BMJ Open*. 2018;8(12):e024086.  
<sup>10</sup> Shah et al. *J Clin Anesth*. 2012;24(5):385–91.  
<sup>11</sup> *U.S. News Health*. <http://health.usnews.com/health-care/best-hospitals/articles/best-hospitals-honor-roll-and-overview>.  
<sup>12</sup> Estimate: Masimo data on file.

\* Alert levels are preset but can be customised for certain patient types.

† Emergency contacts must agree to receive alerts.

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