



The Opioid Crisis: Using the Latest Medical Innovations to Help Counties Respond to a Complex and Evolving Public Health Emergency

May 23, 2022



A woman with long brown hair is lying in a hospital bed, wearing a light blue hospital gown. She is holding an open book and looking down at it. On her left index finger, there is a small, white, rectangular Masimo pulse oximeter sensor. On her left wrist, there is a larger, white, rectangular Masimo sensor with a red strap, connected by a white cable. The background is a soft-focus view of a window with green foliage outside. The entire image has a semi-transparent dark overlay.

NACo and Masimo

Masimo – A Global Brand



150+
countries



200+ Million
patients monitored
annually



A World Leader
in Pulse Oximetry



Masi
publicly traded

Headquarters

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NACo and Masimo Webinar

- **The Opioid Crisis**
- **Masimo's Commitment to Responding to the Opioid Crisis**
 - Opioid Withdrawal Management: Non-pharmacological Options
 - Bridge™ - The first FDA-cleared medical device for management of opioid withdrawal symptoms
 - Overdose Prevention
 - Masimo SafetyNet Alert™ - *Pending De Novo*

The Opioid Crisis

Closing the Gap on Opioid Safety

While progress has been made to address a rising death toll, major gaps in protection against opioid risks remain.

THE OPIOID EPIDEMIC TODAY

More people are dying of opioid overdose than automobile accidents.¹

>75,000

DEATHS

The CDC estimates that overdose deaths from opioids increased from **56,064** in 2020 to **75,673** in 2021.²

~50%

of opioid overdose deaths occur when the person is **alone**.³

1. Odds of Dying - Data Details. National Safety Council; Injury Facts, 4 Mar. 2021, injuryfacts.nsc.org/all-injuries/preventable-death-overview/odds-of-dying/data-details. 2. National Center for Health Statistics. CDC, https://www.cdc.gov/nchs/pressroom/nchs_press_releases/2021/20211117.htm. 3. Public Health Ontario. Opioid Mortality Surveillance Report, <https://www.publichealthontario.ca/-/media/documents/opioid-mortality-surveillance-report.pdf?la=en>. 4. National Institute on Drug Abuse. Overdose Death Rates. NIH, <https://nida.nih.gov/drug-topics/trends-statistics/overdose-death-rates>.

Severe opioid withdrawal
symptoms are a key inhibiting
factor for people seeking to
take the next step in their
recovery treatment journey.

A person wearing a yellow jacket, black pants, and a backpack is walking away from the camera across a suspension bridge. The bridge has a wooden plank deck and metal chain-link railings. The background is a dense forest of tall evergreen trees. The scene is captured from a low angle, looking down the length of the bridge.

Introducing **Bridge**TM

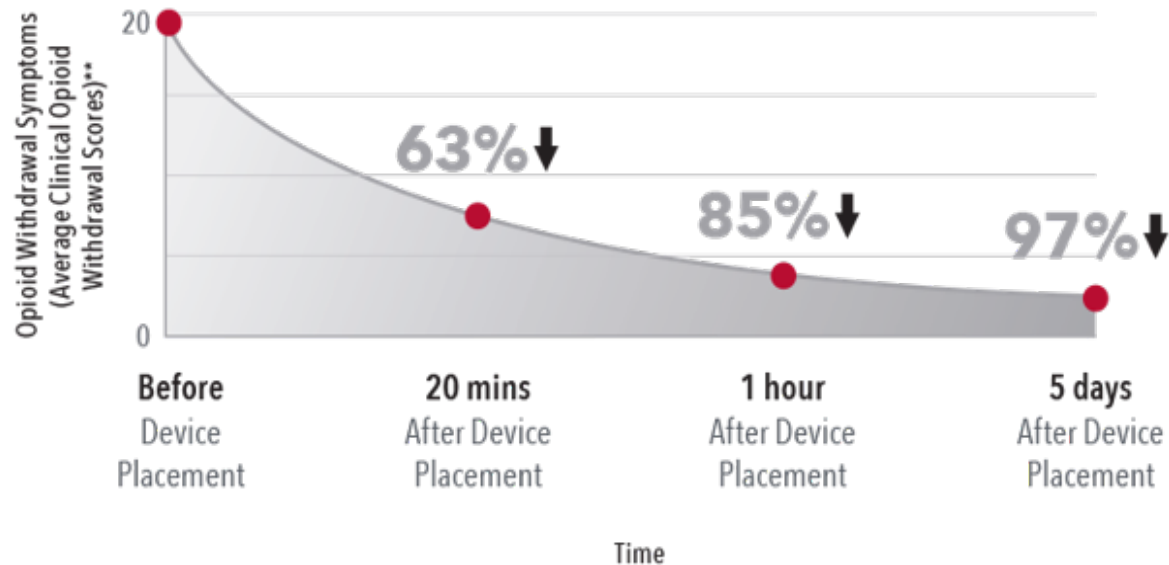
Opioid Withdrawal Management

Bridge

Drug-Free Opioid Withdrawal Device

The first FDA-cleared medical device for management of opioid withdrawal symptoms

- Demonstrated in a clinical study to reduce withdrawal symptoms
- May provide relief from opioid withdrawal symptoms, in as soon as 20 minutes
- 88% of patients successfully transitioned to naltrexone



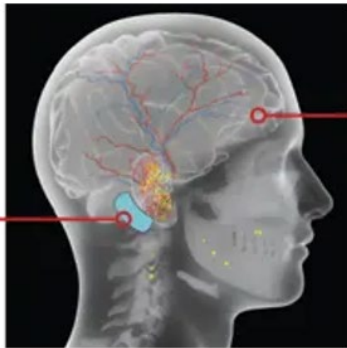
How Bridge Works

Applied by a qualified healthcare professional in a non-surgical, in-office procedure

Fits comfortably behind the ear

Each device provides five days of continuous relief

Sends gentle electrical impulses through wires to nerves around your ear



Stimulated nerves transmit these impulses to the brain, reducing withdrawal symptoms





Benefits

- Immediate relief supports effective progression to next phase of recovery
 - Initiating treatment
 - Transitioning to Naltrexone
 - Tapering off medication-assisted treatment
- No negative side effects
- Can be used in combination with comfort drugs

Introducing **Masimo** **SafetyNet Alert™**

Pending De Novo



Proven Hospital Approach to Reduce Harm

A 10-year study at Dartmouth-Hitchcock Medical Center found zero opioid-related preventable deaths or brain damage in hospitalized patients who were continuously monitored with Masimo SET® and a notification system

0

Preventable deaths or brain damage due to opioid-induced respiratory depression in monitored over 10-years¹

50%

Reduction in unplanned ICU transfers that were sustained over time²

60%

Reduction in rapid response team activations sustained over time²

\$7m

Approximate annual cost savings³



 MASIMO

Masimo SafetyNet Alert

Masimo SafetyNet Alert leverages the same clinically proven pulse oximetry technology and a similar notification system to help protect patients at home.

**Intuitive
mobile app**



**Home Medical Hub
with audible alarms**



**Comfortable,
disposable sensor**



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Masimo SafetyNet Alert

- Continuously monitors physiological data—even during sleep—to identify respiratory depression
- Opioid Halo Index - Masimo proprietary algorithm to detect and alarm for opioid-induced respiratory depression
- Sends automatic alerts to you, your loved ones, and emergency medical services when life-saving intervention may be needed
- Powered by clinically- proven Masimo SET®—the same advanced pulse oximetry technology used to monitor over 200 million patients in hospital each year and now available at home
- Selected for the FDA Opioid Innovation Challenge and subsequently granted “Breakthrough” device status

Pending De Novo

Masimo SafetyNet Alert is an opioid respiratory depression monitoring and alert system designed to help protect patients at risk by sending alerts when help may be needed



Escalating Alerts Help Keep Your Loved One's Safe

Alert 1: Caution



When a patient's physiological data indicates there may be a problem, the system alerts them on the app and at the home medical hub, triggering critical early opportunities to self-recover or get help.

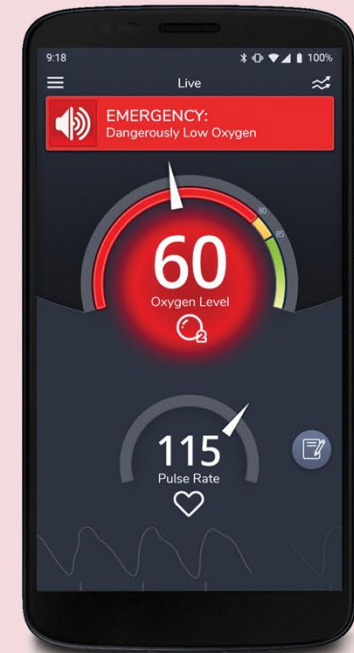


Alert 2: Warning



If the patient's condition persists or gets worse, the system alerts them and sends automatic texts to designated emergency contacts.*

Alert 3: Emergency



If the patient's condition persists or gets worse, the system sends additional texts to emergency contacts and notifies dispatch for EMS.

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Thank you

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