

## Masimo Receives CE Mark for MightySat Rx Pulse Oximeter



NEUCHÂTEL, Switzerland--(BUSINESS WIRE)--Masimo (NASDAQ: MASI) has announced the CE Mark and full market release of MightySat™ Rx fingertip pulse oximeter for clinical use in CE countries, offering the same Masimo SET® Measure-Through Motion and Low Perfusion™ pulse oximetry technology used in the world's leading hospitals.

"Many clinicians around the world rely on pulse oximetry as the fifth vital sign"

Bluetooth®-enabled versions of MightySat Rx allow clinicians to track and trend up to 12 hours of patient measurements on smart mobile devices, and to share that data via standard CSV files as well as transfer to Apple's Health app.

MightySat Rx enables accurate noninvasive spot-checking of oxygen saturation (SpO<sub>2</sub>) and pulse rate (PR) for adult and paediatric patients even during motion and low perfusion. MightySat Rx measures and displays Perfusion Index (PI), which reflects the strength of the pulsatile signal. MightySat can also measure and display Pleth Variability Index (PVI®), a measure of the dynamic changes in the perfusion index that occur during one or more complete respiratory cycle/s.

"Many clinicians around the world rely on pulse oximetry as the fifth vital sign," stated Joe Kiani, Founder & CEO of Masimo. "The MightySat Rx represents a significant milestone. To deliver Masimo SET performance in this low-power form factor took some engineering, given the precision of our technology and SET's computationally intensive algorithm. We actually dropped the power consumption by nearly two orders of magnitude. But the development effort was worth it, as we expect this technology will empower clinicians and they will no longer have to compromise performance for mobility."

MightySat Rx is available in three versions for patients who weigh more than 30 kg (66 lbs):

- MightySat Rx – Measures and displays SpO<sub>2</sub>, PR, and PI
- MightySat Rx, Bluetooth – Adds Bluetooth LE radio for transfer of parameter data to Apple iOS® and select Android™ mobile devices
- MightySat Rx, Bluetooth and PVI

Standard features include:

- Measure-Through Motion and Low Perfusion performance
- Signal I.Q.® to assess measurement confidence
- Rugged, lightweight design for operation in challenging environments
- Long battery life—up to 15 hours with two standard AAA alkaline batteries
- Comfortable design with silicon finger pad to mold to patients' fingers

Bluetooth is a registered trademark owned by Bluetooth SIG, Inc.

Apple is a registered trademark of Apple Inc. registered in the U.S. and other countries.

IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

Android is a trademark of Google Inc.

MightySat Rx is currently unavailable in the U.S.

Source credit: [Masimo](#)

Published on : Mon, 22 Jun 2015