Medtronic
Engineering the extraordinary

Nellcor™ pulse oximetry

We're advancing pulse oximetry for all patients

When you have pulse oximetry monitoring touching nearly every patient in every area of care in your hospital, you know that your technology needs to be able to give accurate readings without disparity.

Dark skin pigmentation and low perfusion can affect accuracy

Nellcor™ technology's algorithms were designed to reduce the influence of these factors. A new study[1] comparing Nellcor™ technology to Masimo technology found that:

Nellcor™ technology **missed**

74%

less hypoxemic events in subjects with dark skin and low perfusion than Masimo technology.[1,†]

Masimo technology experienced

10x

more data loss than Nellcor™ technology.[1]

Which technology would you feel more comfortable putting on your hospital's patients?

Learn more about how Medtronic is taking the lead on health equity to improve pulse oximetry for all patients.

Download Infographic

with **Nellcor™ pulse oximetry** ♡ never miss a beat.

The Nellcor™ pulse oximetry monitoring system should not be used as the sole basis for diagnosis or therapy and is intended only as an adjunct in patient assessment.

†Oxygen saturation accuracy can be affected by certain environmental, equipment, and patient physiologic conditions (as discussed in the operator's manual for the monitor) that influence readings of SpO_2. Please consult the instructions for use and manual for full safety information.

1. Gudelunas MK, Lipnick M, Hendrickson C, et al. Low Perfusion and Missed Diagnosis of Hypoxemia by Pulse Oximetry in Darkly Pigmented Skin: A Prospective Study. *Anesth Analg*. 2024;138(3):552-561. doi:10.1213/ANE.0000000000006755

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