

**Medtronic**

Engineering the extraordinary

# Connect with every touch

Introducing

**Nellcor™ OxySoft™ SpO<sub>2</sub> sensor**



The Nellcor™ OxySoft™ SpO<sub>2</sub> sensor is the first pulse oximetry sensor to use a silicone adhesive to protect fragile skin and improve repositionability. It is engineered with brighter LEDs on a flexible circuit – all to help you stay connected to your patients and their data.

To safely demonstrate the effectiveness of the Nellcor™ OxySoft™ sensor, we conducted a series of tests against the Masimo LNCS Neo™\* sensor on patients over 65 years of age. Evidence has shown the fragility of elderly skin and its similarities to neonatal fragile skin.<sup>1,2,3</sup>

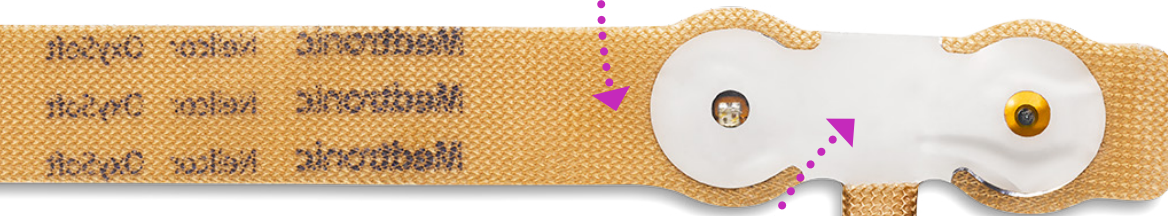
## Fragile skin deserves protection

You want to protect the fragile skin of your tiniest patients. But oftentimes, necessary sensors can damage that delicate skin – leading to unnecessary stress and inflammation.

Nellcor™ OxySoft™ sensors are the first with a gentle, **silicone adhesive** that removes

**75%**

less skin cells than Masimo LNCS Neo™\* sensors – so you can remove without pulling fragile skin.<sup>4,5</sup>



## Critical decisions need **reliable readings**

A new thoughtful cord placement central to the sensor helps reduce the impact of motion on readings.

A **silicone adhesive** allows gentle removal from fragile skin.

# Busy days demand efficiency

You know how it goes when you reposition sensors. They lose their stickiness. Sometimes the adhesive gets stuck together or the sensor can struggle to re-post a number. You have to find and apply a replacement bandage or tape over it, costing extra money and time.



**Nellcor™ OxySoft™** sensors maintain

**85%**

adhesiveness after **18 repositions**<sup>6</sup> compared to Masimo LNCS Neo™\* sensors which lose 50% of adhesiveness after only 2 repositions.<sup>7</sup>

**Nellcor™ OxySoft™** sensors have support cables that are **designed to last**, compared to Masimo LNCS™\* sensors that require you to replace cables

**8x**

as often,<sup>9</sup> creating interruptions in your workflow and increasing your pulse oximetry costs.

**Nellcor™ OxySoft™** sensors don't stick to themselves and **stay adhered**

**2x**

better than Masimo LNCS Neo™\* sensors.<sup>8</sup>

Clinicians agree that **Nellcor™ OxySoft™** sensors enable an improved workflow when compared to Masimo LNCS Neo™\* sensors in a blinded hands-on evaluation.<sup>6</sup>

Spend less time worrying about the fumble factor, dealing with replacement tapes, or managing expired cables – and more time connecting with your patients.

# Designed with your most precious patients in mind



Try the Nellcor™ OxySoft™ sensor, and feel the difference for yourself

Request a complimentary Nellcor™ OxySoft™ sensor sample kit by contacting your rep or scanning the QR code.



## Nellcor™ SpO<sub>2</sub> sensors for the NICU

SKU	Description	Weight	Quantity
OXYSOFTN	Nellcor™ OxySoft™ sensor, adult / neonatal	>40 kg / <3 kg	24 / case
MAXN	Nellcor™ MaxN sensor, adult / neonatal	>40 kg / <3 kg	24 / case
SC-NEO	Nellcor™ Nonadhesive sensor, neonatal	1.5 - 5 kg	24 / case
SC-PR	Nellcor™ Nonadhesive sensor, pre-term	<1.5 kg	24 / case

**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.**

1. Dyer JM, Miller RA. Chronic Skin Fragility of Aging: Current Concepts in the Pathogenesis, Recognition, and Management of Dermatoporosis. *J Clin Aesthet Dermatol.* 2018;11(1):13-18.
2. Langton AK, Halai P, Griffiths CE, Sherratt MJ, Watson RE. The impact of intrinsic ageing on the protein composition of the dermal-epidermal junction. *Mech Ageing Dev.* 2016;156:14-16. doi:10.1016/j.mad.2016.03.006
3. Ramos-e-Silva M, Boza JC, Cestari TF. Effects of age (neonates and elderly) on skin barrier function. *Clin Dermatol.* 2012;30(3):274-276. doi:10.1016/j.clindermatol.2011.08.024.
4. MDT20006OXYVMT, Rev 4 - SpO<sub>2</sub>, Accuracy Validation of OxySoft during motion and nonmotion.
5. CSR 2022 04 18 v.1.0 - cyberDERM S21-16 cyberDERM post-market adhesive comparison reapplication test. 18 paired (Masimo LNCS and OxySoft) samples across 18 >65 year old fragile skin subjects. 14 OxySoft samples and 0 Masimo LNCS Neo (part no. 2329, exp. 12-01-23) samples were below protein assay detection limit, those OxySoft samples under the detection limit were assigned the minimal threshold value.
6. RE00357465, RevA - Marketing Validation Report from a blinded hands-on evaluation conducted with 12 clinicians (RNs, RTs).
7. CSR 2022 03 15 v.1.0 - cyberDERM S21-15 cyberDERM post-market gentleness comparison of pulse oximeter sensors on adults with fragile skin. 38 paired Masimo LNCS and OxySoft peel tests after 2 and 18 reapplications respectively across 19 adult subjects distributed across 2 forearm sites per sensor type. Sites were prepared by removing hair via surgical clippers and swabbing with alcohol.
8. CSR 2022 03 15 v.1.0 - cyberDERM S21-15 cyberDERM post-market gentleness comparison of pulse oximeter sensors on adults with fragile skin. 38 paired Masimo LNCS and OxySoft peel tests after 4 reapplications across 19 adult subjects distributed across 2 forearm sites per sensor type. Sites were prepared by removing hair via surgical clippers and swabbing with alcohol.
9. Calculations based on internal Medtronic data and analysis on file, October 2021. Analysis compared cable utilization at four different hospitals ranging in bedsize of 290-550 that switched from Nellcor to Masimo.

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with Nellcor™ pulse oximetry  never miss a beat.