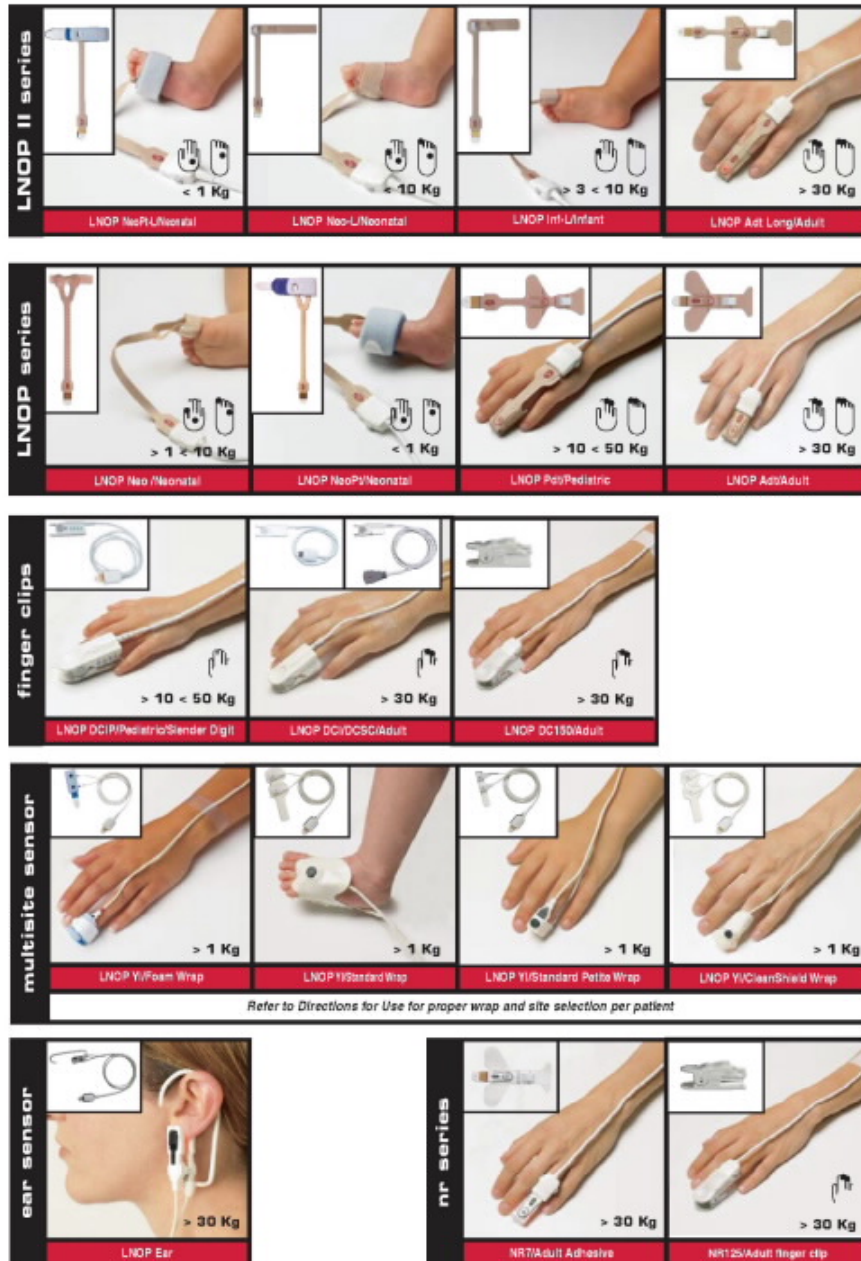


LNOP® & NR

SpO₂ adhesive & reusable sensors



We've got you covered from head to toe.

In the OR, NICU, transport, sleep lab, or other critical areas of the hospital, Masimo offers the adhesive and reusable sensors you desire, and the pulse oximetry performance you need. Masimo SET® LNOP® and NR® sensors continuously and non-invasively monitor arterial oxygen saturation (SpO₂) and pulse rate. They are designed to be used with the Masimo SET pulse oximetry system, the only system clinically proven to work during motion and low perfusion. Masimo sensors are intended for adult, pediatric or neonatal patient applications. Masimo SET - offering the best performing pulse oximetry system for your hospital.

Masimo SET.
pulse oximetry

Accurate when you need it most™

APL_DEL00037755

performance



signal extraction pulse oximetry™

Masimo SET pulse oximeters offer the following performance advantages:

IMPROVED PATIENT CARE:

Masimo SET oximeters detect approximately **10 times more** true events than any "Next Generation" pulse oximeter.¹

Masimo SET oximeters have **one-tenth** the false hypoxemia alarms of "Next Generation" pulse oximeters.^{1,2,3,4}

Accurate tracking of the patient's true physiology improves outcomes.

REDUCED COST OF CARE:

Cost savings and hospital-wide standardization are made possible with Masimo's broad line of durable sensors and licensed pulse oximetry products.

REDUCED MEDICAL ERRORS:

Studies show excessive false alarms lead to clinical non-response. Clinician practice patterns change when using accurate and trustworthy Masimo SET pulse oximetry.²

Masimo SET pulse oximetry provides accurate monitoring for all levels of patient care, including life threatening or high-acuity cases where motion and/or low perfusion is likely. Clinicians can rely upon accurate measurements and true alarms from a trustworthy source.

¹ Hay WW, Rodden DJ, Collins SM, Melera DL, Hale KA, Fashaw LM. Reliability of conventional and new oximetry in neonatal patients. *Journal of Perinatology*. 2002; 22:360-366

² Barker SJ. The performance of six "motion resistant" pulse oximeters during motion, hypoxemia and low perfusion in volunteers. *Anesthesiology*. 2001; 95:A587.

³ Brouillette RT, et al. *Anesthesia & Analgesia* 2002; 94:S47-S53

⁴ Goldstein MR, et al. *Anesthesia & Analgesia* 2002; 94:S102

⁵ Durbin CG, Rostow SK. More reliable oximetry reduces the frequency of Arterial Blood Gas analysis and hastens oxygen weaning following cardiac surgery: A prospective randomized trial of the clinical impact of a new technology. *Critical Care Med*. 2002

The signal integrity of Masimo LNOP sensors and the advanced signal processing of Masimo SET combine to provide accurate and reliable tracking of the patient's true physiology, even during motion and low perfusion.

Masimo SET insignia ensures quality, high-performance and Masimo SET compatibility.



Masimo SET Radical with LNOP Adt Long Adhesive Sensor

Published studies demonstrate cost savings when using Masimo SET

(An average 250 bed hospital may **save \$250,000** or more per year using Masimo SET technology.)

Adhesive sensor reduction ^{1,5}	49% - 56%
Reduction in Arterial Blood Gases ^{2,3}	34% - 42%
Reduction in O ₂ Requirements ^{2,3}	48%
Length of Stay Reduction ³	42% - 49%
Reduction in False Alarms ⁴	97%

¹ Useful Life of Pulse Oximeter Sensors in A NICU. Thomas A, Holmes M, Vogt J, Gangitano E, Stephenson C, Liberman R. *Respiratory Care*, 43(10):860

² More reliable oximetry reduces the frequency of Arterial Blood Gas analysis and hastens oxygen weaning following cardiac surgery: A prospective randomized trial of the clinical impact of a new technology. Durbin CG, Rostow SK. *Critical Care Med*. 2002

³ Weaning Protocol Possible with Pulse Oximetry Technology. Patel D, Rezkalla R. *Advance for Nurses*. June 2001

⁴ Effects of Motion on the Accuracy of Six "Motion Resistant" Pulse Oximeters. Barker SJ. Presented at the Society of Technology Annual meeting, January 2001

⁵ Multicenter trial of neonatal pulse oximeter sensor usage: a difference between manufacturers. Wischniewski E, Eder T, Avenarius S. *Anesthesia and Analgesia* 2002;94(S1):S110, A21

Instruments and sensors containing Masimo SET technology are identified with the Masimo SET designation. Look for the Masimo SET designation to ensure accurate pulse oximetry when needed most.



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