

# | Radius PPG™

Tetherless pulse oximetry powered by Masimo SET® measure-through-motion technology for continuous monitoring on the move



Discover how reliable tetherless monitoring can benefit your practice.

#### Improved patient comfort and convenience

- > Facilitates untethered movement around the hospital room
- > Allows parents and caregivers to hold infants unencumbered – without the risk of cables tugging on fragile skin

#### Enhanced clinician workflow and efficiency

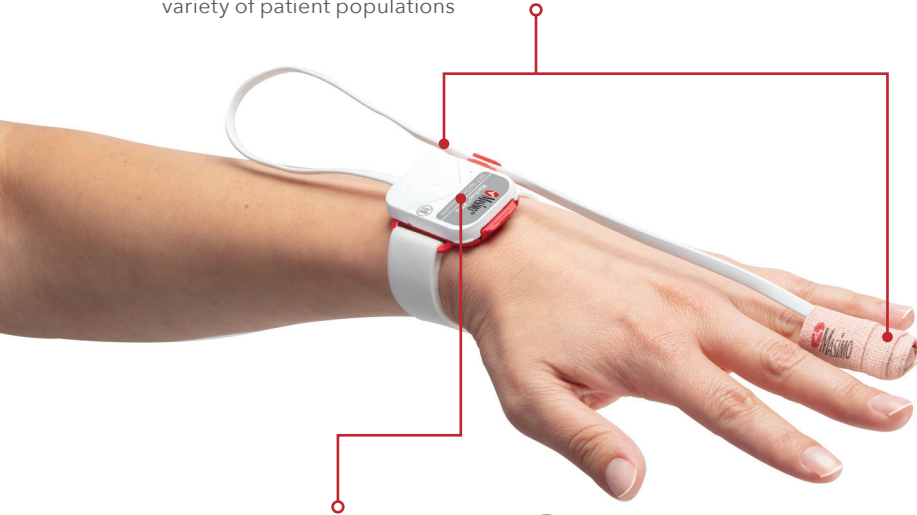
- > Reduces the burden of cable management
- > Eliminates the need to disconnect and reconnect each time patient gets out of bed



# Radius PPG Enhances Workflow

## Radius PPG Single-patient-use Sensor

- > Feather-weight sensor with adjustable wrist strap
- > Four-day battery life
- > Optional replaceable adhesive tapes\*
- > Multiple sensor types available to monitor a wide variety of patient populations



## Reusable Bluetooth®-enabled Chip

- > Near-field Communication (NFC) protocol for quick Bluetooth pairing and parameter display on host device
- > Stores up to 96 hours of patient data

## Host Device

- > View multiple parameters simultaneously for quick assessment of patient data on a host device
- > Store and download high-fidelity trend data
- > Audible and visual alarms for quick identification of alarming parameter
- > Compatibility: Masimo and partner monitors with Masimo technology boards and software versions MX 7.14.8.x and higher



# Radius PPG (Photoplethysmography) Specifications

ACCURACY	
<b>Radius PPG Adt / Radius PPG Neo (adult)</b>	
SpO2 Accuracy Range (ARMS) <sup>1</sup> .....	70-100%
No Motion .....	.2%
Motion .....	.3%
Low Perfusion .....	.2%
<b>Radius PPG Neo (neonatal)</b>	
SpO2 Accuracy Range (ARMS) <sup>1</sup> .....	70-100%
No Motion .....	.3%
Motion .....	.3%
Low Perfusion .....	.3%
<b>SpO2 Limits of Agreement (LoA)</b>	
Upper 95% LoA (no motion) .....	1.98%
Lower 95% LoA (no motion) .....	-2.91%
<b>PR Accuracy (adult / neonatal)</b>	
No Motion .....	3 bpm
Motion .....	5 bpm
Low Perfusion .....	3 bpm
<b>Sensor Weight Range and Application Site</b>	
Radius PPG Adt. ....	>30 kg, finger or toe application
Radius PPG Neo (neonatal) .....	<3 kg, hand or foot application
Radius PPG Neo (adult) .....	>40 kg, finger or toe application

COMMUNICATION	
Bluetooth LE Wireless Range .....	100 feet (~30 meters) line-of-sight
BATTERY LIFE	
Battery Life .....	96 hours with continuous usage
COMPATIBILITY	
Compatible Oximeters .....	Devices containing Masimo technology boards and software versions: MX 7.14.8.x and higher
ORDERING INFORMATION	
Radius PPG Adt .....	.4582
Radius PPG Neo (adult/neonatal) .....	.4585
Radius PPG Reusable Chip .....	.4586
Radius PPG Wireless Receiver .....	PN varies by host device

<sup>1</sup> ARMS accuracy is a statistical calculation of the difference between device measurements and reference measurements. Approximately two-thirds of the device measurements fell within ± ARMS of the reference measurements in a controlled study.  
 \* Available with Neo sensor.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

Radius PPG is not licensed for sale in Canada.

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