

# | SpMet®

Noninvasively and continuously monitor levels of methaemoglobin in the blood



- > Masimo pulse CO-oximetry provides a method to noninvasively and continuously measure methaemoglobin in the blood
- > Methaemoglobin is a form of haemoglobin that is less able to bind to oxygen<sup>1</sup>
- > Methaemoglobinemia is a condition where there are elevated levels of methaemoglobin in the blood, which impairs oxygen delivery to tissues<sup>2</sup>
- > The administration of many drugs commonly used in hospitals may result in acquired methaemoglobinemia<sup>2</sup>

## rainbow SET™ Technology Platform

Masimo rainbow SET is a noninvasive monitoring platform featuring Masimo SET® Measure-through Motion and Low Perfusion™ pulse oximetry with the option to measure multiple additional parameters.

- > Oxygen Saturation (SpO<sub>2</sub>)
- > Pulse Rate (PR)
- > Perfusion Index (Pi)
- > Pleth Variability Index (PVi®)
- > Oxygen Content (SpOC™)
- > Total Haemoglobin (SpHb®)
- > Methaemoglobin (SpMet)
- > Carboxyhaemoglobin (SpCO®)
- > Acoustic Respiration Rate (RRa®)
- > Oxygen Reserve Index™ (ORI™)
- > Respiration Rate from the Pleth (RRp™)



## Methaemoglobin (SpMet) Specifications

Accuracy Range .....	1-15%
Accuracy (A <sub>RMS</sub> <sup>3</sup> ) (Adults/Infants/Paediatrics) .....	1%

<sup>1</sup> Miller's Anesthesia 8th Edition. 2015. <sup>2</sup> AshBernal RA et al. *Medicine*. 2004 83:265273. <sup>3</sup> A<sub>RMS</sub> accuracy is a statistical calculation of the difference between device measurements and reference measurements. Approximately two-thirds of the device measurements fell within ± A<sub>RMS</sub> of the reference measurements in a controlled study.

SpMet monitoring with Masimo devices is not intended to replace laboratory blood testing. Blood samples should be analysed by laboratory instruments prior to clinical decision making. ORI and RRp have obtained CE Marking. Not available in the U.S.

For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

**Masimo U.S.**  
Tel: 1 877 4 Masimo  
info-america@masimo.com

**Masimo International**  
Tel: +41 32 720 1111  
info-international@masimo.com

