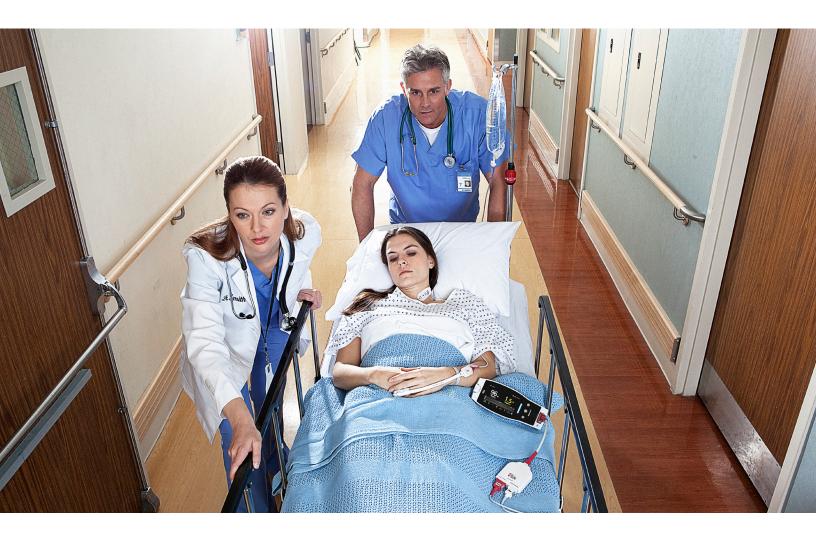
SpMet

Noninvasively and continuously monitor levels of methemoglobin in the blood



- > Masimo pulse CO-oximetry provides a method to noninvasively and continuously measure methemoglobin in the blood
- > Methemoglobin is a form of hemoglobin that is less able to bind to oxygen¹
- > Methemoglobinemia is a condition where there are elevated levels of methemoglobin in the blood, which impairs oxygen delivery to tissues²
- > The administration of many drugs commonly used in hospitals may result in acquired methemoglobinemia²



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 (SpO₂)
- > Pulse Rate (PR)
- > Perfusion Index (Pi)
- > Pleth Variability Index (PVi®)
- > Oxygen Content (SpOC™)
- > Total Hemoglobin (SpHb®)
- > Methemoglobin (SpMet)
- > Carboxyhemoglobin (SpCO®)
- > Acoustic Respiration Rate (RRa®)



Methemoglobin (SpMet) Specifications

curacy Range1–15	%
curacy (A _{RMS} ³) (Adults/Infants/Pediatrics)	%

SpMet monitoring with Masimo devices is not intended to replace laboratory blood testing. Blood samples should be analyzed by laboratory instruments prior to clinical decision making.

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.







¹ Miller's Anesthesia 8th Edition. 2015. 2 AshBernal RA et al. Medicine. 2004 83:265273. 3 A_{RMS} accuracy is a statistical calculation of the difference between device measurements and $reference\ measurements.\ Approximately\ two-thirds\ of\ the\ device\ measurements\ fell\ within\ \pm\ A_{RMS}\ of\ the\ reference\ measurements\ in\ a\ controlled\ study.$