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 oxygen.\(^1\)

Methemoglobinemia is a condition where there are elevated levels of methemoglobin in the blood, which impairs oxygen delivery to tissues.\(^2\)

The administration of many drugs commonly used in hospitals may result in acquired methemoglobinemia.\(^2\)
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 (PVı™)
- Oxygen Content (SpOC™)
- Total Hemoglobin (SpHb™)
- Methemoglobin (SpMet)
- Carboxyhemoglobin (SpCO™)
- Acoustic Respiration Rate (RRa™)

Methemoglobin (SpMet) Specifications

- Accuracy Range: ................................................................. 1-15%
- Accuracy (A_RMS) (Adults/Infants/Pediatrics): ................................................................. 1%


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.