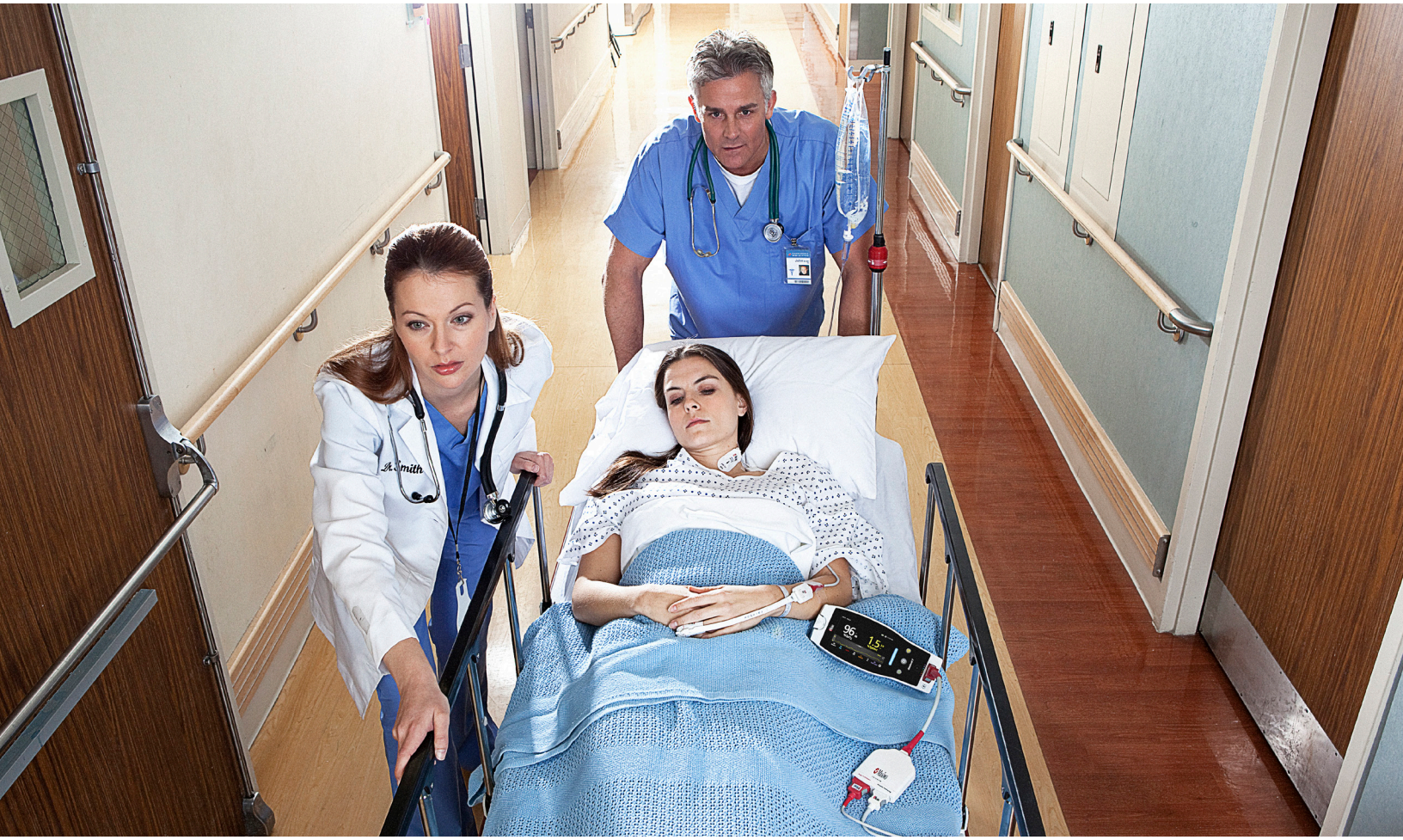
SpMet®

Noninvasively and continuously monitor levels of methemoglobin in the blood



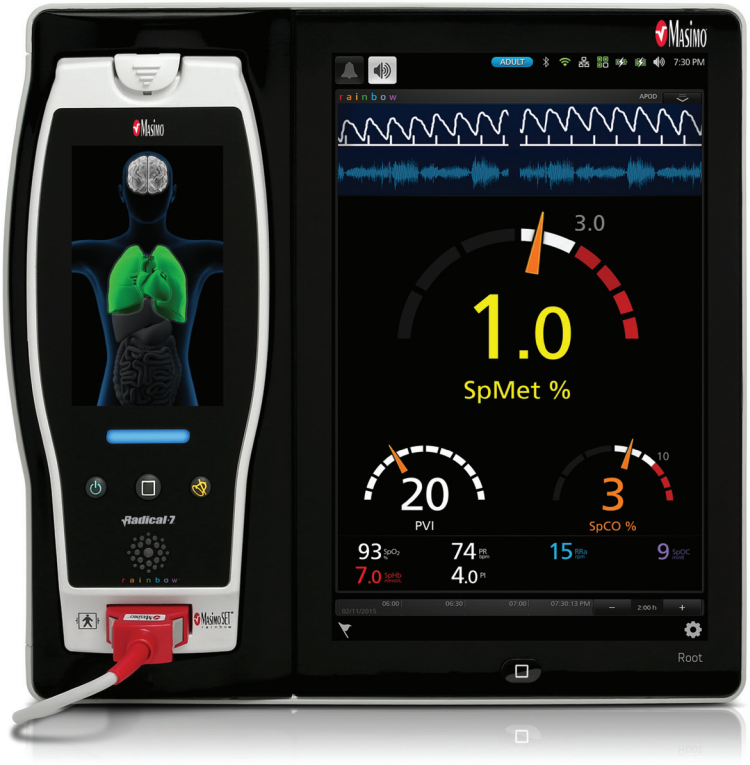
- Masimo pulse CO-oximetry provides a method to noninvasively and continuously measure methemoglobin in the blood
- Methemoglobin is a form of hemoglobin that is less able to bind to oxygen[1]
- Methemoglobinemia is a condition where there are elevated levels of methemoglobin in the blood, which impairs oxygen delivery to tissues[2]
- The administration of many drugs commonly used in hospitals may result in acquired methemoglobinemia[2]

Masimo

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_2)
- > 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

Accuracy Range	1–15%
Accuracy (A_{RMS}[3]) (Adults/Infants/Pediatrics)	1%

[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 ± A_{RMS} 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 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.

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