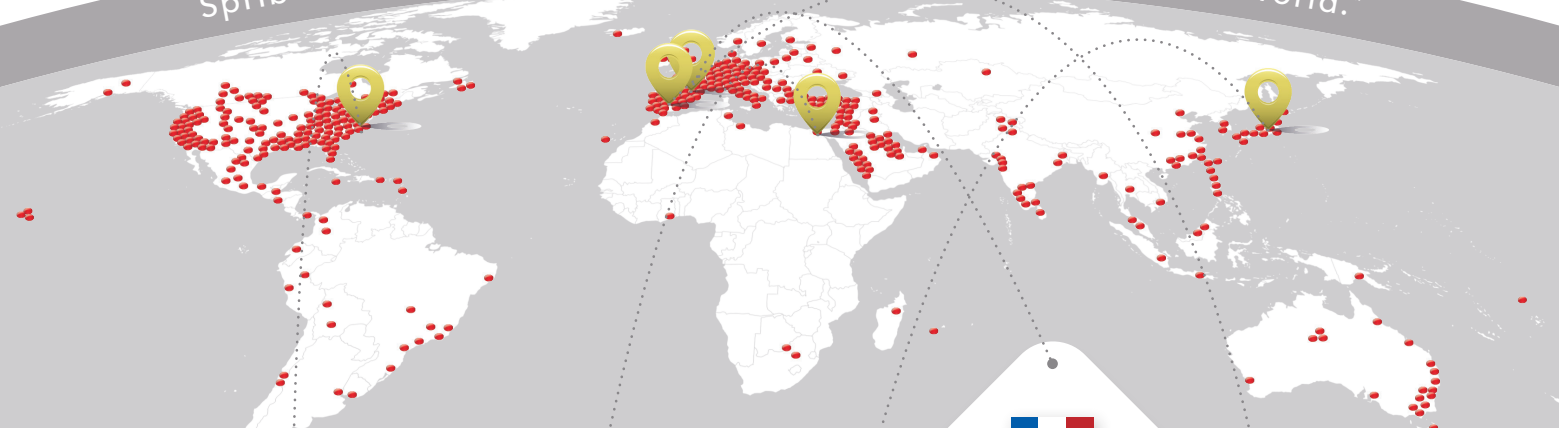


# Are You Improving Outcomes with SpHb®?

Six studies across four continents have found that noninvasive and continuous haemoglobin (SpHb) monitoring can help improve outcomes<sup>1-6</sup>

SpHb is supporting clinicians in over 75 countries around the world.\*



**87%↓ Patients Receiving Transfusions<sup>1</sup>**  
Massachusetts General Hospital 2014

**41%↓ RBC Units per Transfused Patient<sup>2</sup>**  
Cairo University 2015

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**76%↓ Time to Transfusion<sup>3</sup>**  
Cairo University 2016

**63%↓ Units RBC Transfused<sup>4</sup>**  
Fukushima Medical University 2016

**33%↓ 30-Day Mortality<sup>5</sup>**  
CHU Limoges 2019

**€1.7M↓ Cost<sup>6</sup>**  
HM Hospitales 2018

↓ = Reduction



Improve Your Outcomes with SpHb

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

Clinical decisions regarding red blood cell transfusions should be based on the clinician's judgment considering among other factors: patient condition, continuous SpHb monitoring, and laboratory diagnostic tests using blood samples. SpHb monitoring is not intended to replace laboratory blood testing. Blood samples should be analysed by laboratory instruments prior to clinical decision making.

<sup>1</sup>Ehrenfeld et al. *J Blood Disorders Transf.* 2014. 5:9. <sup>2</sup>Awada WN et al. *J Clin Monit Comput.* DOI 10.1007/s10877-015-9660-4. Study Protocol: In each group, if researchers noted SpHb trended downward below 10 g/dL, a red blood cell transfusion was started and continued until SpHb trended upward above 10 g/dL. The transfusion threshold of 10 g/dL was predetermined by the study protocol and may not be appropriate for all patients. Blood sampling was the same for the control and test group. Arterial blood was drawn from a 20 gauge radial artery cannula into 2 mL EDTA collection tubes, mixed and sent for analysis by a Coulter GEN-S Hematology Analyzer. <sup>3</sup>Kamal A, et al. *Open J of Anesth.* 2016 Mar; 6, 13-19. <sup>4</sup>Imazumi et al. *Proceedings from the 16th World Congress of Anaesthesiologists*, Hong Kong. Abstract #PR607. <sup>5</sup>Cros et al. *J Clin Monit Comput.* Aug 2019; 1-9. Study utilised a goal-directed fluid therapy protocol with PVI\* in conjunction with a blood transfusion protocol based on SpHb. <sup>6</sup>Ribed-Sánchez B, et al. *Sensors (Basel).* 2018 Apr 27;18(5). pii: E1367. Estimated national savings derived from hospital savings extrapolated nationwide. \* Data on file.

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