The Ember non-invasive hemoglobin tracking system is based on existing technology that is trusted and used in hospitals around the world including here in the United States. The technology platform licensed by Cercacor Laboratories to Masimo Corporation for use in medical devices is referred to as Masimo rainbow SET (Signal Extraction Technology). This technology has been developed and utilized in both a spot-checking (one measurement at a time) and a continuous format.

Here is a list of what others have found when evaluating the performance of non-invasive hemoglobin (SpHb) spot-check measurements utilizing Masimo rainbow SET technology for medical use.


Here is a link to what others have found when evaluating the performance of non-invasive, continuous hemoglobin measurements utilizing Masimo rainbow SET technology for medical use.


For additional resource: Search PubMed under the terms SpHb or Noninvasive Hemoglobin