Reviewer's report

**Title:** An Innovative Approach to Near-infrared Spectroscopy Using a Standard Mobile Device and Its Clinical Application in the Real-Time Visualization of Peripheral Veins.

**Version:** 2  
**Date:** 18 August 2014

**Reviewer:** Eugen Matthias Strehle

**Reviewer's report:**

The authors describe an application for mobile phones/tablets that can be used by healthcare professionals to facilitate the localisation of peripheral veins for venipuncture. The paper is quite long and contains a lot of technical detail. My overall impression was that it deserves publication as long as it fits the scope of your journal.