

ABSTRACT

A system and method for identifying peripheral veins are provided. The system and method include providing at least two illuminating units, each illuminating unit including a housing adapted to be placed onto a finger of a user, and at least one illumination source configured to illuminate light at a wavelength selected from red spectrum for highlighting visibility of peripheral veins which are otherwise invisible to a naked eye, maneuvering the at least two illuminating units in three-dimensional space such to control angle of illumination towards a skin of a patient, distance between the at least two illuminating units, and pressure applied onto the skin of the patient via the at least two illuminating units, and identifying peripheral veins within or under the skin of the patient.

FIG. 3