SYSTEM AND METHOD OF MEASURING CHANGES IN ARTERIAL VOLUME OF A LIMB SEGMENT

ABSTRACT

A medical diagnostic device performs diagnostics for assessing the ability of the arteries to respond to an increase in blood flow. The medical diagnostic device determines relative changes in arterial volume of the limb segment during a time period after a stimulus relative to the arterial volume of the limb segment during a baseline period using the amplitudes or other portions of the component pulse waves (such as early systolic components) of volume pulse waves during the baseline period and after the stimulus.

(Fig. 3)