ABSTRACT

APPARATUS AND METHOD FOR ALTERING THE ARTERIAL PULSE WAVEFORM OF A BODY

An apparatus and method for altering reflected arterial pulse of a body is disclosed. The apparatus comprises a belt having a compression member to apply a pressure to the body, the belt positioned such that the compression member applies the pressure to one of at least two pressure points between the xiphis sternum and navel of the body, the belt also having fastening means such that the belt can be adjusted around the abdominal region of the body when the pressure is applied to the pressure point; and a blood pressure monitoring device arranged to obtain a beat-to-beat arterial pulse waveform when the pressure is applied at each of the pressure points and at each of the belt diameters; and analyze the waveform to determine the optimum position for the compression device to apply the pressure to the body to alter the pulse waveform.

FIG. 2