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ABSTRACT

METHOD & DEVICE FOR MONITORING BLOOD PRESSURE

A device for continuously monitoring a user's arterial blood pressure has a sensor adapted to continuously detect the blood pressure and to generate signals representative thereof by contact with an external surface of the user's body at a location adjacent an artery. The sensor is securely held in operable contact with the user's body at the location. A microprocessor interprets the signals generated by the sensor to determine the actual arterial blood pressure. The sensor includes a projecting portion for detecting and transmitting changes in blood pressure, wherein the projecting portion is adapted to effect at least partial occlusion of the artery at the location.

Figure 1