

Design and build a module for collecting and monitoring patient blood pressure.

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Abstract: In the context of modern healthcare, managing and monitoring patients' blood pressure is becoming increasingly important. This topic focuses on designing and building an automatic modular system for collecting and monitoring patients' blood pressure at home. The main objective is to develop a technical solution that improves health management efficiency and quality of life for patients. The research methodology includes both theoretical study of sensor technology and experimental implementation of the system. The expected results of the project will confirm the practical applicability of the system and contribute to the field of automated medicine.

Keywords: Blood pressure, Health management, Automation technology, Sensors, Mobile medicine