

Smart-Patch: Real-Time Health Monitoring Patch

Description:

The Smart-Patch is a lightweight, wearable patch that adheres to the skin, designed to monitor vital health metrics in real-time. Equipped with advanced biosensors, it tracks heart rate, blood pressure, respiratory rate, and blood oxygen levels continuously. The data is sent directly to a connected app, allowing patients and doctors to monitor health trends over time and detect potential health issues early.

The Smart-Patch aims to revolutionize preventive healthcare by empowering individuals with real-time insights and alerting medical professionals when immediate intervention may be necessary. The device could be especially beneficial for patients with chronic conditions such as cardiovascular disease, diabetes, and respiratory disorders, allowing them to manage their health more effectively from home.

