

Wearable ECG Patch

Class II medical device

Purpose: wearable ECG patch is a diagnostic tool which help monitor heart rhythm and it can prevent fatal conditions like Atrial Fibrillation and reduce stroke risk.

Features:

1. Electrodes
2. Analog front end
3. Microcontroller unit
4. Bluetooth Low Energy Transceiver for wireless transmission
5. Power supply
6. Software system
 1. Mobile app
 2. PC Interface
 3. Posture recognition module

End Users: Cardiac Patients and Clinicians who are monitoring the patch

Environment: Outside of hospital

Regulatory Class: FDA Class II