

SAMSUNG SDS Cardio



Lightweight real-time ECG monitoring solution

Samsung SDS Cardio solution provides 24/7 wearable technology to empower patients, physicians, and care managers to manage cardiovascular conditions, while providing payers, providers, and corporations with care planning and remote monitoring capabilities for effective population health management

Faster Diagnosis Support

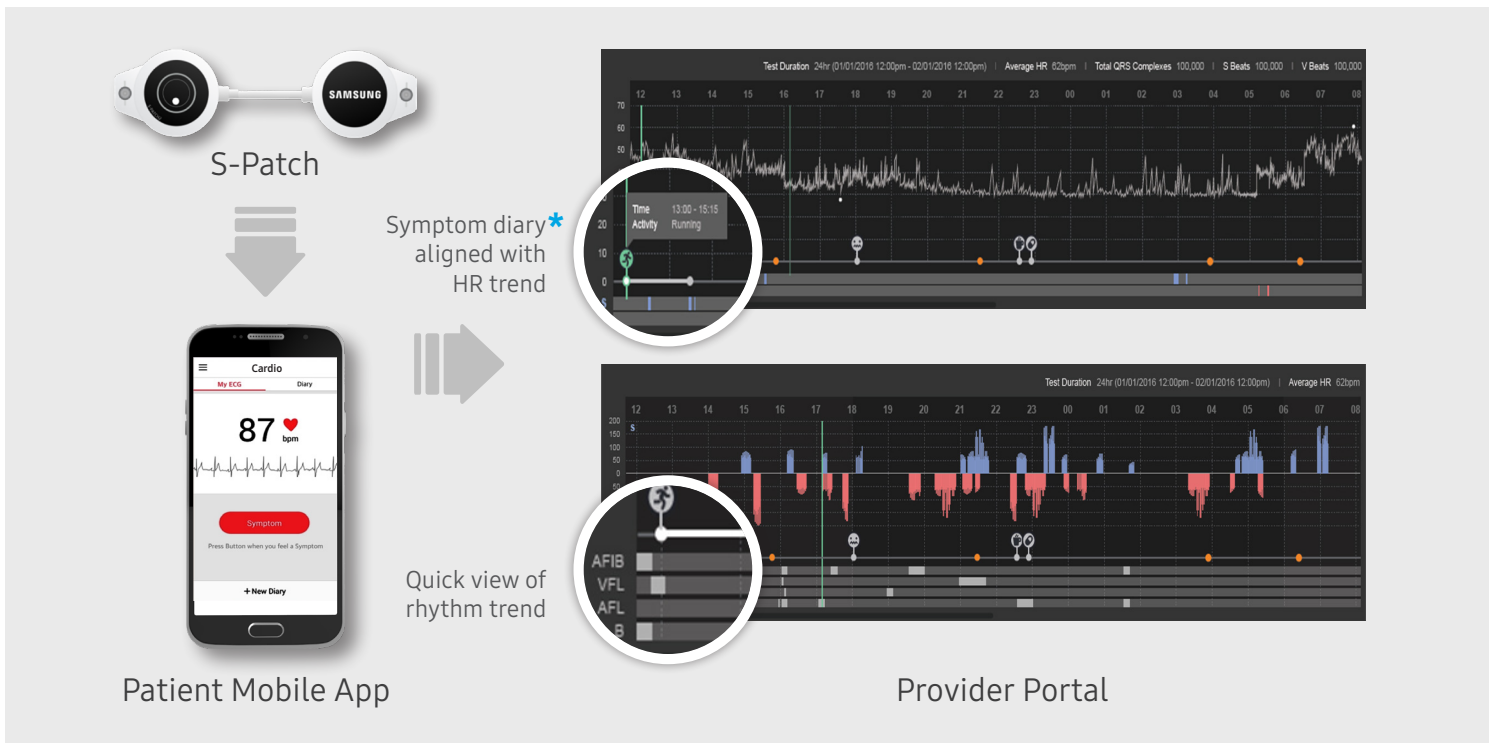
ECG data analytics enables faster diagnosis of patient's cardiac status

Improved Workflow Efficiency

Real-time ECG monitoring drastically reduces workload of clinical staff as well as wait time for patients who are in need of treatment

Enhanced User Experience

S-Patch's light weight (11 grams) and water-resistance enhances patient comfort



S-Patch collects ECG signals which will be streamed live to the **patient mobile app**.

Patient diary enables patients to log symptoms real-time with one click, eliminating the hassle of writing on paper and carrying the hard copies to the doctor's office.

Upon completion of the test, signals will be sent to a secured **cloud portal** where it can be conveniently accessed at any time by providers.

Physician's **summary report** can be conveniently generated for physician diagnosis and quick evaluation of a patient's cardiovascular status.

The ECG data will be analyzed by an **AI-based ECG analysis** algorithm to assist providers in detecting anomalies in patient's heart rhythms.

While Samsung SDS Cardio solution mainly helps prevent stroke and heart failure by supporting arrhythmia detection through ECG monitoring, the S-Patch contains a multi sensor chip(Bio-Processor) that can be utilized with other biometric data such as skin temperature or motion detection for broader use cases.

Driven by continuous technological advancement at Samsung SDS, use cases of the Cardio solution will continue to expand rapidly to revolutionize healthcare and beyond.

Contact Us

To learn more about Samsung SDS Cardio, email us at cardiosolution@samsung.com or visit www.samsungsds.com to discover more about other Samsung SDS solutions.