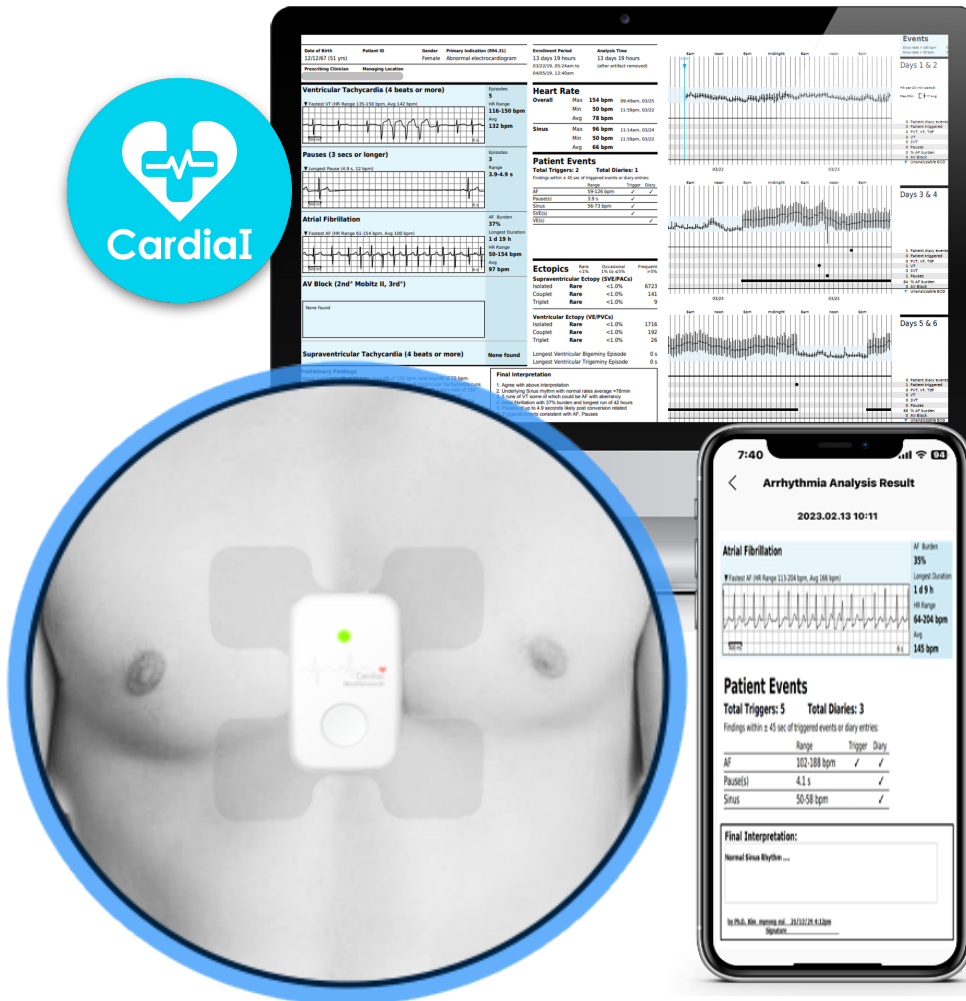


CARDIAL PATCH

HOLTER ECG SYSTEM

Over **10 Days**, Continuously Monitor **Your Heart!**



The Cardial Patch Holter ECG(CAI-300) developed by **MediFarmSoft** is a skin-friendly, patch-type ECG system that utilizes **AI-based** annotation algorithms. It can monitor heart conditions continuously for **up to 14 days** and diagnose cardiovascular diseases.

The Cardial Patch Holter ECG can **accurately detect irregular heart abnormalities** without missing any occurrences.

- ✓ The First **6-Lead Holter ECG** in Korea
- ✓ Detecting **9 Symptoms** of Heart Diseases
- ✓ Monitoring Heart Condition over **10 Days**
- ✓ Real-time Heart Condition Monitoring for **48 hours**

MediFarmSoft

✓ The First 6-Lead Holter ECG in Korea

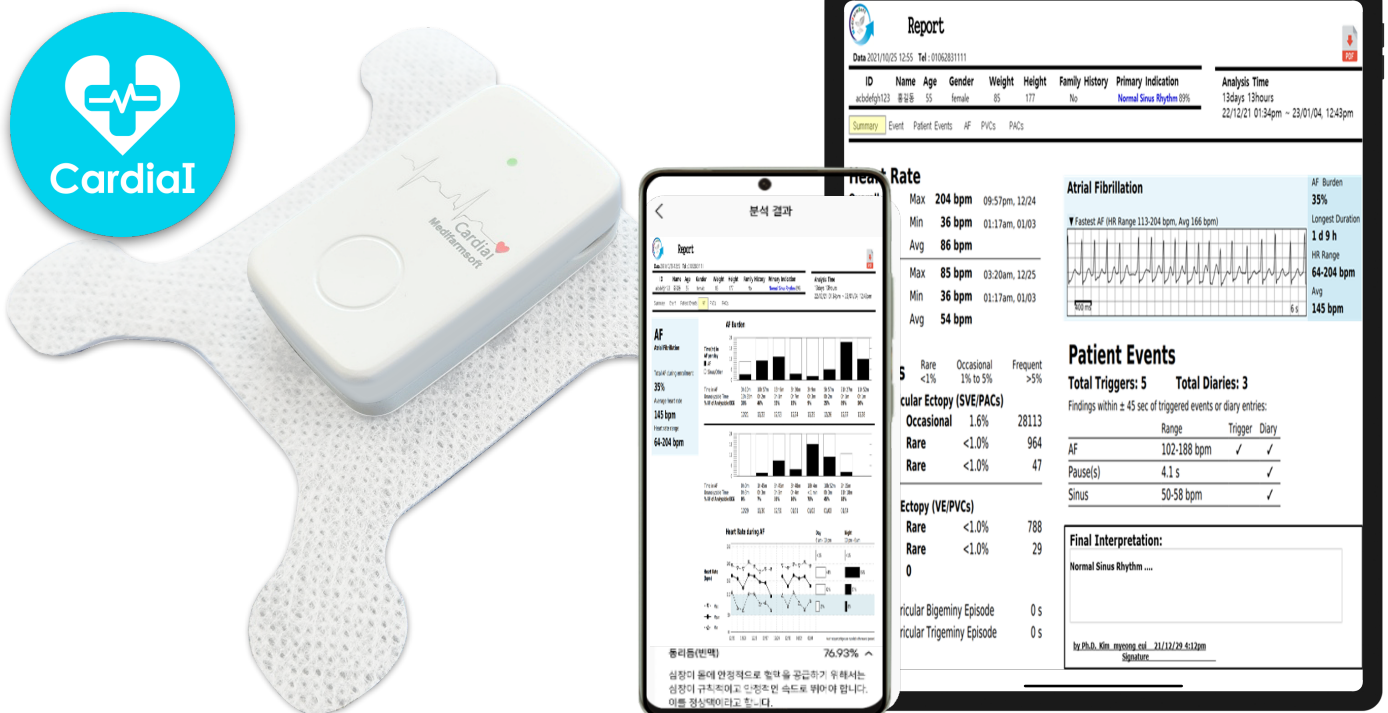
- Lead I, II, III, aVR, aVL, aVF

✓ Detecting 9 Symptoms including HBP related to COPD.

Hypertension related to COPD, Atrial Fibrillation, Atrial Flutter, Premature Ventricular Contraction(PVC), Premature Atrial Contraction(PAC), Ventricular Tachycardia(VT), SupraVentricular Tachycardia(SVT), ST Elevation, ST Depression

✓ Real-time monitoring for 48 hours, over 10 days of continuous monitoring

- Real-time monitoring for 48 hours through heart monitoring s/w
- Continuous heart monitoring for over 10 days, providing ECG annotation data, statistical information, event recording, and detailed diagnostic results.



Specification

Product	Cardial Patch Holter ECG system (CAI-300)
Storage	NAND type flash memory(1G)
Battery	500mAh/Charging Cradle
Communications	BLE 5.1
Weight	30g

MediFarmSoft

AI-based Annotation Algorithm Leads a New Era of ECG Diagnosis (인공지능 기반의 판독 알고리즘은 ECG 진단의 새로운 시대를 선도할 것입니다.)

- AI-심전도 알고리즘은 기존의 표준 자동화 컴퓨터 프로그램보다 뛰어나며, 전문가의 재해석을 더 잘 모방하여 종합적인 12-유도 심전도 해석을 제공합니다.
- An AI-ECG algorithm outperforms an existing standard automated computer program and better approximates expert over-read for comprehensive 12-lead ECG interpretation. Cited from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8890338/>

A Real-Time Heart Health Monitoring Using CPM WorkStation

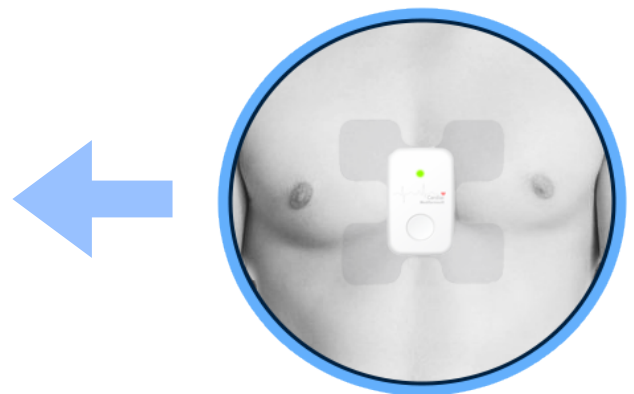
- Cardial Patch Monitoring Workstation is able to receive and to display heart condition in real-time to reflect any detected abnormalities.
- Up to 100 patients of hearts health can be monitored in real-time by CPM Workstation

Improve the detection rate of cardiovascular events (심혈관 증상의 판독률 향상)

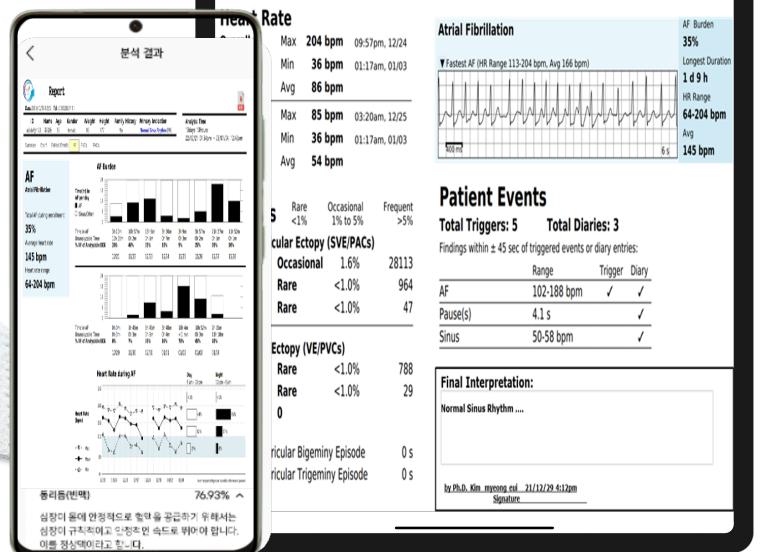
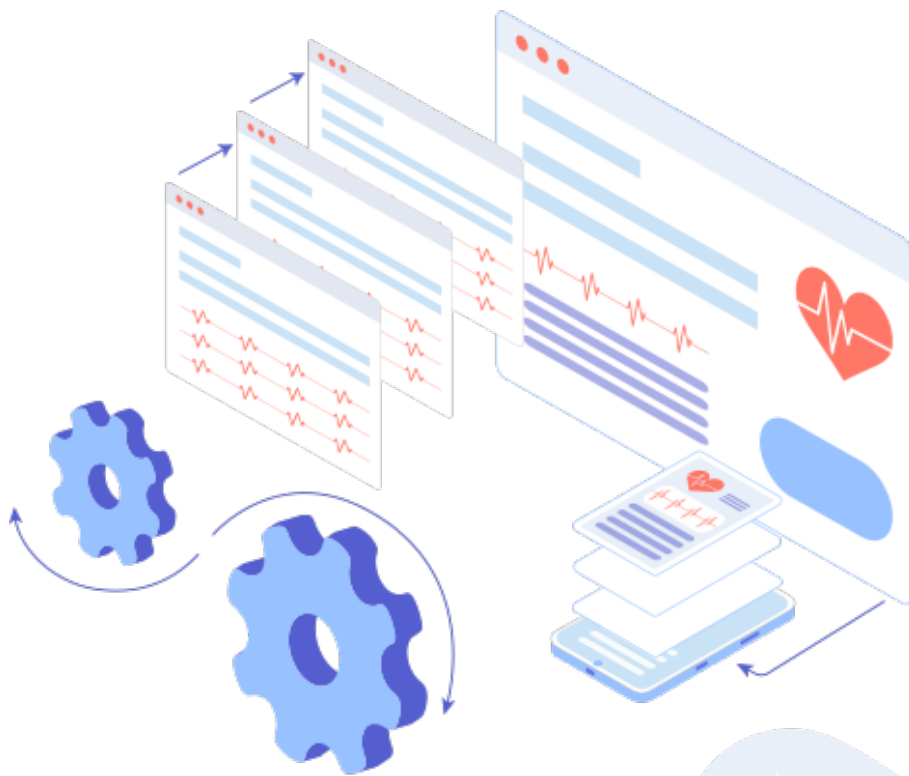
- Cardial Patch with 6-lead ECG will support 9 kinds of heart beat classification, the overall accuracy rate can be as high as 94.2%
- (6-lead 카디아이 패치는 9가지의 심장박동 분류를 지원하며, 정확도는 94.2% 이상 올라갈 수 있습니다.)



[Cardial Patch Monitoring Work Station]



[Cardial Patch ECG]



MediFarmSoft