S-PATCH EX

Wellysis is a digital healthcare solution company,
a spin-off from Samsung SDS.

S-Patch powered by Samsung Bio-Processor
was awarded HIMSS ASIAPAC INNOVATION AWARD
FOR ARTIFICIAL INTELLIGENCE.

If you want further information about Wellysis S-Patch Ex solution,
please contact info@wellysis.com, or access www.wellysis.com.

Wellysis

Wear it. Be healthy.

An arrhythmia is a problem with an irregular rhythm of the heartbeat. Cardiac arrest, which suddenly stops the heart, is mainly caused by arrhythmia, and 20% of all strokes are known to be caused by atrial fibrillation. Arrhythmia in many cases has no symptoms, and it is difficult to know when it occurs. Major symptoms include heart palpitations, pulse loss, dizziness, and shortness of breath. If symptoms appear intermittently, the longer the electrocardiogram is measured, the more arrhythmia is detected.

Wearable ECG analysis solution

S-PATCH EX

Small, Simple, Smart ECG Patch

Wellysis S-Patch Ex is an ECG analysis solution using an **9g ultra-light wearable** device.

Wearing S-Patch

Ultralight wearable patch

Mobile app connection

Real-time transmission of ECG data via Bluetooth to mobile devices

Data analysis

After completing the test, the collected data is automatically transmitted to the cloud and analyzed

Analysis report

Providing medical staff with AI-based ECG analysis results

Uniqueness of S-Patch Ex

Convenience of wearing for patients
Ultralight wearable devices (9g) can be conveniently worn in everyday life

Operational efficiency of the hospital
Instead handwriting, mobile apps can easily record symptoms, and data is automatically sent to the cloud, reducing the number of visits to hospitals by patients

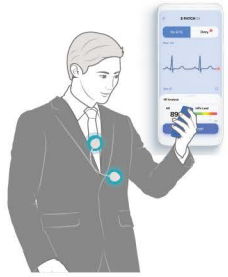
Support for diagnosis of medical staff
Providing analytical reports using cloud-based intelligent algorithms helps medical staff make quick and accurate decisions

Proven solution
S-Patch Ex is a globally certified medical device

Use Cases

Pre-screening

ECG test for health checkup(24~72h)
Support for early detection of arrhythmia

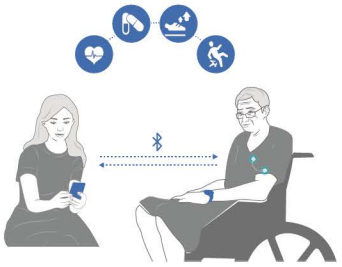


Out-patient

Monitoring ECG in daily life
Substitute of Holter

In-patient

Ward monitoring
Securing golden data for emergency patients

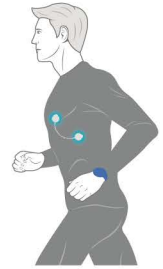


Rehab/Elderly Care

Monitoring discharged patients after heart surgery
Elderly health care

First Responders

On-site monitoring, such as firefighters, police officers, soldiers, pilots, construction workers, etc.



Sports

Wellness for athletes and the general public in sports