



October 4, 2022

To whom it may concern,

Company: Japan Lifeline Co., Ltd.  
Representative: Keisuke Suzuki, President and CEO  
(Code: 7575 TSE 1st Section)  
Contact person: Kenji Yamada, Senior Vice President,  
Corporate Administration Headquarters  
(TEL. +81-3-6711-5200)

### **Japan Lifeline Launches ATsens' AT-Patch a Patch-Type ECG Recorder**

Japan Lifeline Co., Ltd. (“Japan Lifeline” or “the Company”) is pleased to announce that it has received reimbursement coverage for the AT-Patch, a patch-type electrocardiogram (ECG) recorder manufactured by ATsens Co., Ltd. (Korea) as of October 1, 2022. The Company will begin selling the product in October 2022. Japan Lifeline also announces the execution of a five-year exclusive Japanese distribution agreement for the AT-Patch with IL GANG MEDICARE Co., Ltd. (Korea).

Currently, for cardiovascular diseases like arrhythmias, a 24-hour Holter ECG test is commonly conducted, which patients wear a recording device with its electrodes and cables attached to the body. These tests are performed approximately 1.6 million times a year<sup>\*1</sup> in Japan to detect transient irregular heartbeats that occur in daily life, which are difficult to be detected by temporary and simple ECG tests at ordinary medical checkups. In addition, bathing and showers may be limited when using a conventional ECG because patients must wear the device, electrodes, and cables at all times.

The AT-Patch, one of the world’s smallest patch-type ECG recorders, realizes a stress-free ECG testing that is simpler and more convenient for the patient. With the AT-Patch, ECG tests are performed by applying a small, lightweight, disposable patch to the patient’s body surface. This allows patients to avoid the hassle that they may experience with conventional Holter ECG tests. The single-use product also offers hygienic solution compared to conventional ECG tests. In addition, its waterproof design allows patients to take showers even while testing. Furthermore, the AT-Patch can record data for up to seven days, making it possible to detect abnormal arrhythmias such as atrial fibrillation with higher accuracy than a standard 24-hour Holter ECG test.

Japan Lifeline will initially sell the AT Patch at ablation facilities where the Company can exercise full-length of its strengths as it aims for follow-up ECG tests after ablation treatment for atrial fibrillation. The Company then expects to gradually expand the target diseases and facilities.

Japan Lifeline is determined to solve medical problems and will contribute towards a healthier society. The company is committed to an early widespread adoption of the AT-Patch and improving the accuracy of ECG tests.

\*1 NDB open data from the Ministry of Health, Labor and Welfare. ([https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/0000177221\\_00010.html](https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/0000177221_00010.html))



Patch-Type ECG Recorder AT Patch

**About ATsens Co., Ltd.**

ATsens, established in 2017, is a healthcare platform company and is providing a comprehensive solution to diagnose heart-disease based on wearable AT-Patch, patient friendly AT-note APP., and AI based AT-Report software. AT-Patch has been sold to the Korean market since it was applied to Korean National Health Insurance Service in February this year. In July of this year, AT-Patch was selected to NHS Supply Chain in UK, the world's largest public insurance market. In addition to AT Patch, it plans to continually develop and commercialize wearable digital healthcare devices and related services in the future to build a bio-signal-based healthcare platform. More detailed information on ATsens, fast growing global company, can be found at [www.atsens.com](http://www.atsens.com).

**About IL GANG MEDICARE Co., Ltd.**

ILGANG MEDICARE is a company established in 2014 specializing in importing and exporting medical devices in the field of interventional cardiology, interventional radiology and electrophysiology and in consulting for medical device international trading.