



## The Launch of Breast Ring-array Ultrasound Imaging System "COCOLY"

Lily MedTech Inc. (headquartered in Bunkyo-ku, Tokyo, and led by Shiho Azuma/CEO) received Pre-market Certification (Ninsho) (Certified No. 303AIBZX00011000) for our breast ring-array ultrasound imaging system "COCOLY" on April 28<sup>th</sup>, 2021 under the Act on Securing Quality, Efficacy and Safety of Products Including Pharmaceuticals and Medical Devices. We started selling the system domestically on May 10<sup>th</sup>, 2021.

COCOLY is a bed-type ultrasound examination device. An examinee lies prone on the bed and place one of their breasts into a hole in the center of the bed. A ring-array ultrasound transducer mounted in the hole scans the breast and provides its cross-sectional images by the scattered image reconstruction technology called "Ring-Echo imaging method".



Breast Ring-array Ultrasound Imaging System "COCOLY"

"Ring-Echo imaging method" is a technology seed researched since 2012 at the University of Tokyo's Graduate School of Medicine and Graduate School of Engineering. Lily MedTech, founded to put it to practical use in 2016, finally received the certification for the medical device that mounts the technology. We will lead the industry as an examination device manufacturer to provide a relaxing and comfortable examinations so that everyone feels closer to a cancer examination.

< Lily MedTech Inc.>

Lily MedTech Inc. is a startup company that originated in the University of Tokyo and was founded by a female entrepreneur aiming at women-friendly breast cancer examinations. The



company developed the breast ring-array ultrasound imaging system mounting scattered image reconstruction technology, "Ring-Echo imaging method", based on research and technologies at the University of Tokyo. It also promotes the development of AI diagnosis support tools, so that it can provide new products and services with no risk of radiation exposure, a lower dependence on examiner skill on imaging, and less burden on image reading for doctors.

Lily MedTech Inc. makes every effort to contribute to women of generations in their wide life stages where they experience work, love, marriage, childbirth, and raising children, and prevent them from being robbed of those choices and experiencing a magnitude of life changes caused by breast cancer.

Lily MedTech Inc.

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Foundation: May in 2016

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