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Eisai Co., Ltd.

Eisai Initiates Research to Evaluate the Impact of Its Group's PHR-Enabled Home Care and Monitoring Support System Selected for AMED's "Research Project on the Practical Application of Healthcare Services"

—Aiming for Social Implementation of a Sustainable Support Model Connecting Families, Healthcare, and Long-Term Care in Collaboration with Research Institutions—

Eisai Co., Ltd. (Headquarters: Tokyo, CEO: Haruo Naito, "Eisai") announced today that it has initiated a non-pharmaceutical research project titled "Study on the Impact of PHR (Personal Health Records)-Enabled Caregiving Support on Quality of Life and Economic Outcomes" with Eisai serving as the lead organization.

This research project is conducted under a research agreement concluded among Eisai, its subsidiaries, EcoNaviSta Inc. (hereinafter "EcoNaviSta") and Arteryex Inc. (hereinafter "Arteryex"), the National Center for Geriatrics and Gerontology, and Kobe University. The project will comprehensively evaluate the impact of Eisai Group's home care and monitoring support service, which utilizes PHR, on family caregivers' quality of life (QOL) and caregiving burden, as well as on economic outcomes, including healthcare and long-term care costs. The project also aims to assess the utility of this caregiving support model and its potential for social implementation.
This research project has been selected for the fiscal 2026 "Research and Development Infrastructure Development Project for Social Implementation of Prevention and Health Promotion (Research Project on the Practical Application of Healthcare Services)" by the Japan Agency for Medical Research and Development (AMED).

As the population continues to age, Japan has seen a growing number of social challenges, including an increase in elderly individuals living with dementia and frailty, rising healthcare and long-term care costs, care staff shortages, and a growing number of working family caregivers who balance their work and caregiving responsibilities. In particular, when home care is provided by family members who live separately, families often have to rely on fragmented and limited information obtained through phone calls or visits to assess the care recipient's condition, making support prone to becoming "reactive" in nature, with action taken only after changes in condition have become apparent.

This research project integrates and analyzes sleep data obtained from AI-powered sleep sensors with an extensive track record of use in EcoNaviSta's "Life Rhythm Navi + Dr." and PHR data obtained from Arteryex's "Click-Karte," including health checkup results, test data, and medication records, to visualize health status, early signs of changes in condition, and risks of cognitive decline in care recipients, and provide continuous, multifaceted evaluations of their overall health status. The project will also explore a framework that enables timely intervention and support from family caregivers and healthcare and long-term care professionals, and evaluate the utility of this support model in terms of its impact on family caregivers' QOL and its economic value. Through this initiative, we aim to achieve social implementation of a sustainable support model that can shift family caregiving from a "reactive" support system to a

"proactive" support system, with the goal of reducing the burden on both family caregivers and care recipients.

Eisai and its group companies aim to comprehensively address challenges related to dementia, including those involving prevention, early detection, and care, which cannot be solved by pharmaceuticals alone. To achieve this, Eisai is pursuing not only drug discovery but also non-pharmaceutical innovation leveraging digital technology, PHR, and AI. Through both pharmaceutical and non-pharmaceutical innovation, Eisai will further contribute to addressing the diverse needs of patients and their families and increasing the benefits provided to them.

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[Notes to editors]

1. About the Research and Development Infrastructure Development Project for Social Implementation of Prevention and Health Promotion (Research Project on the Practical Application of Healthcare Services)

AMED's Research Project on the Practical Application of Healthcare Services is a program that aims to support the development of health promotion programs and products and services contributing to disease prevention and early detection by utilizing health data from daily life, such as dietary habits, exercise, sleep, and medication use, through the use of technologies including IoT devices and applications; the establishment of evidence regarding scientific and economic value; and the formulation of business models for social implementation.
Web page regarding the FY2026 adopted research topics for Research Project on the Practical Application of Healthcare Services:
https://www.amed.go.jp/koubo/03002/02/C_00004.html

2. Roles and Responsibilities in the Research Project

Responsible Organization	Key Roles
Eisai Co., Ltd.	Overseeing the research project as a whole, advancing clinical and implementation research, and formulating plans for social implementation.
EcoNaviSta Inc. (Headquarters: Tokyo)	Providing technologies for sleep and lifestyle rhythm analysis and notification functions based on the insights gained through "Life Rhythm Navi + Dr.," which has been used by approximately 55,000 individuals.

Responsible Organization	Key Roles
Arteryex, Inc. (Headquarters: Tokyo)	Providing technology for the PHR data infrastructure to conduct clinical trials, as well as recording, managing, and integrating health checkup, test result, medication, and lifestyle information through the ※PHR application “Click-Karte” which is scheduled to be linked to Mynaportal in 2026
National Center for Geriatrics and Gerontology (Located in Aichi prefecture)	Conducting clinical research and economic evaluations to build evidence for this project
Kobe University (Located in Hyogo prefecture)	Conducting clinical research to build evidence for this project

3. About Personal Health Records (PHR)

PHR refers to an individual’s lifelong personal health information, including health checkup data and screening data, vaccination history, medication records, clinical information such as clinical test results, and self-measured daily vital signs.

4. About Eisai’s “Home Caregiving and Monitoring Support Service” Currently Under Development

This home caregiving and monitoring support service helps family members stay naturally connected to the daily lives of their elderly care recipients, even when they live separately. The system captures care recipients’ sleep and activity rhythms through sleep sensors placed under bedding and motion sensors installed within rooms, without requiring specific operations or wearing any devices. While respecting privacy and daily routines, the service enables family members to notice changes in daily activities and lifestyle rhythms of care recipients.

Additionally, Eisai is advancing research and development aimed at providing information that leverages accumulated lifestyle data to facilitate the early detection of changes related to cognitive function.

5. About “Click-Karte”

A PHR mobile application for the public provided by Arteryex. The app allows users to record and manage information, including health checkup results, medical test results, medication records, and daily health data on their smartphones.