

“Smart Healthcare Town” Project, a Town Making Fun Tomorrow.

Utilizing a hybrid ER system with AI and human collaboration to eliminate preventable deaths

fcuro

The ER automated triage system, ERATS, analyzes total-body CT images and identifies life-threatening lesions within 10 seconds, enabling physicians to make faster and more accurate diagnoses.

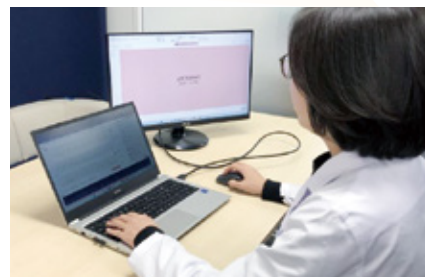
At the venue, visitors can experience the power of AI-assisted acute care and witness scenes of lifesaving in action.



AI medical device that predicts the future condition of a heart

Cardio Intelligence

We developed an AI-powered medical device, SmartPAFin, that can predict the risk of future atrial fibrillation (AF) episodes by analyzing a normal electrocardiogram (ECG). In the exhibition, we will introduce SmartPAFin's technology and expect that this device will contribute to stroke prevention by predicting future heart conditions.



Saving a baby's life with butt-breathing

EVA Therapeutics

We are developing Enteral Ventilation (EVA) Technology that aims to supply liquid oxygen to premature babies with serious respiratory problems through Gut-Mediated Oxygen Delivery. The program is at the clinical trial stage. Visitors can experience the surprises created by the 2024 Ig Nobel Award winning discoveries.



A Groundbreaking, Personalized Microbiome Supplement

bacterico

At bacterico, we're transforming global health through advanced gut microbiome analysis technology. Our innovative approach reveals each individual's unique gut microbiota, identifying distinctive bifidobacterium. We craft bespoke bacterial supplements tailored to your microbiome—a scientifically designed wellness solution exclusively for you. Visit our exhibition to explore the future of personalized healthcare.



Aiming to build bodies for people to keep walking throughout life

eightsis

"shintai" is an app that helps users maintain and improve their athletic ability while avoiding motor system problems such as joint inflammation and bone fractures. We have created a system using the accumulated know-how of top trainers to make it possible to propose the most suitable training for each individual. In the exhibition, visitors will experience the future of healthcare through the app.



Medical AI to provide everybody with the best possible medical care

Cubec

We are developing a system to make it possible for home-visit doctors, nurses and medical workers providing remote medical care to provide the optimal medical care by partnering with a "medical care support AI" that has learned expert know-how on each disease. In the exhibit, we will introduce scenes of linking with medical records to present risk assessment and treatment plans that are tailored to individual patients.

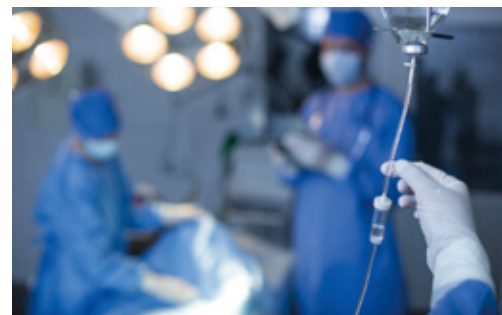


Regenerated killer T cell medicine to contribute to the treatment of cancer and virus infection

Rebirthel

The exhibition on "Regenerated killer T cell medicine" where killer T cells that recognize and kill cancer cells and virus-infected cells are produced from pluripotent stem cells such as iPS cells and ES cells.

This technology opens up a future where T cell medicine to battle with pandemic caused by an unknown virus will be created quickly.



Reborn Challenge Implementation Body

Osaka Business Development Agency

OSAKA INNOVATION HUB

The main theme of the Osaka Healthcare Pavilion is healthcare. We will exhibit innovative products and services developed by startups, allowing visitors to experience them firsthand. Through this, we aim to propose a future lifestyle that protects life and health, ensuring that everyone can live happily and safely.

[Contact]

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Special Website



"Beauty salons as community health clinics" - protecting the mental and physical health of menopausal women

JBIRC [Tani Shokai/LEDEAL]

We introduce the future of beauty salons, where the salon is positioned as a community health clinic. It offers not only beauty services, but also health consultations and the chance to receive various examinations without going to a hospital. In addition, by connecting local beauty salons and gynecology, we provide support for improved quality of life where women can stay healthy, beautiful, and continue to have fun.



Future beauty salons realizing both beauty and health



Tellme Solutions

We are developing technology to use hair analysis to measure the "risk of glycation," which leads to diabetes and aging. In the exhibition, we will introduce future beauty salons that consider the perspective of health in addition to beauty.

Future smart wear with no inside or outside and no back or front



HONESTIES

We have developed clothing of the future that is made using special sewing technology to be comfortable to wear despite having no inside or outside and no back or front. We will exhibit this wear at the venue and propose a new direction for universal design that reduces the burden of changing clothes and supports all people who have challenges when changing clothes.

Achieving Wellbeing future by supporting mental and physical changes.

With Midwife

Exhibiting THE CARE, our wellness management app.

This app aims to prevent work/health related problems by utilizing PHR(Personal Health Record). In order to run this app, we have supported many users with our team, which includes qualified as nurses, public health nurses, and midwives. We have operated a consultation service specializing in supporting people by learning about careers and human resources, and have solved many work/health related problems.



A future where cancer is detected through tear fluid analysis

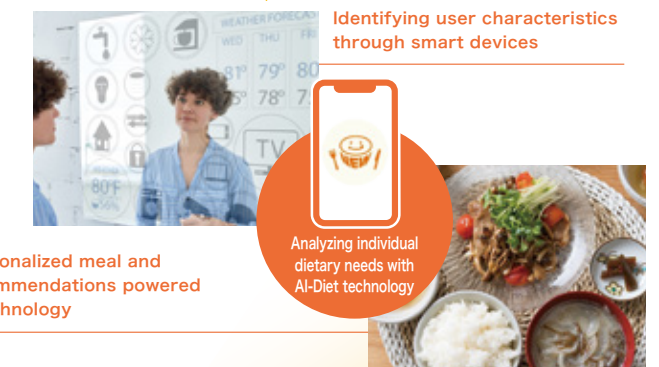
TearExo

We develop innovative and accessible cancer detection tools, TearExo®, that leverage tear fluid to provide reliable screening for everyone.

Our goal is to demonstrate that this method enables the early detection of breast cancer, ultimately enhancing the health and quality of life for women across all generations.

We will be showcasing TearExo® at the venue.

AI suggests food for the ideal you. Experience your personalized food.



Offering personalized meal and product recommendations powered by AI-Diet technology

Wellnas.

We are developing AI-Diet Technology, an advanced system that analyzes individual health data to recommend personalized nutrition plans tailored to each person's wellness goals.

At the pavilion, visitors can experience on-the-spot meal recommendations through the "NEWTRISH" app, which integrates this cutting-edge technology.

"Cartilage Conduction" is the third kind of hearing and opens up the future of voice communications

CCH Sound

Cartilage conduction was discovered as the third pathway to hearing after air conduction and bone conduction. It has a mechanism and characteristics that are completely different from those of bone conduction and it creates the possibility of developing completely new acoustic equipment. In the exhibition, visitors will experience future voice communication through smartphones and headphones equipped with cartilage conduction technology.

