



ISRAEL EXPORT INSTITUTE



駐日イスラエル大使館 経済部
Israel Economic & Trade Mission in Japan



OSAKA, KANSAI, JAPAN
EXPO
2025

Healthcare Delegation to *Japan*

June 23-26, 2025

Participating Companies





Ark Surgical

ark-surgical.com

Therapeutic Areas

Gynecology

Oncology

Women's Health

Categories

Hospital
Operational
Efficiency

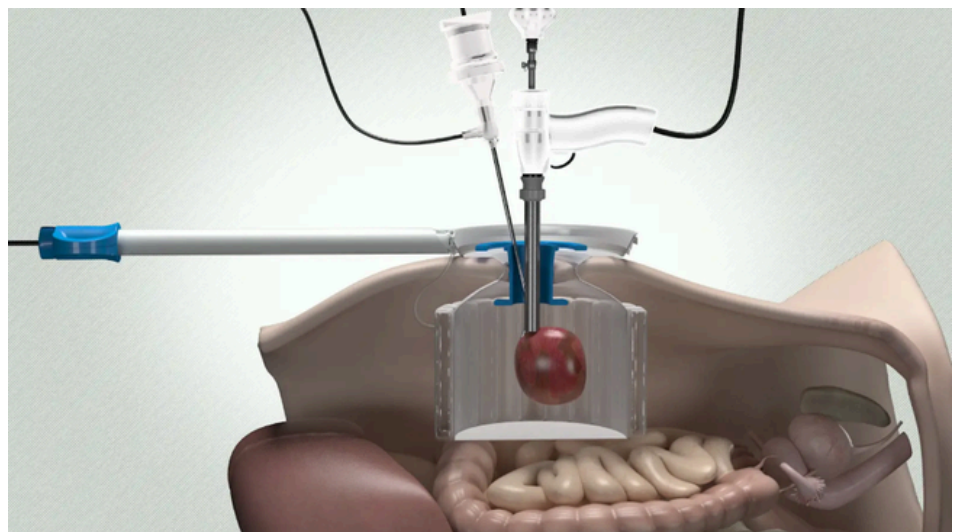
Minimally
Invasive
System

Video



FDA-cleared device protecting women from contaminated tissue spread during laparoscopic gynecologic surgery

Ark Surgical is a women's health medtech company preventing the spread of cancerous or endometrial cells during minimally invasive procedures like hysterectomy and myomectomy—performed over 200,000 times annually in Japan. In response to FDA safety warnings, Ark developed LapBox, a novel, FDA-cleared device enabling safer laparoscopic surgery. Its unique bag-in-a-bag "colosseum" design maintains shape under pressure, providing multi-layer protection and preventing even a single blood cell from leaking—offering a safer alternative to open surgery.





Advance Sensoring Solutions

DigiSense

www.dg-sense.com

Therapeutic Areas

Nursing Applications

Remote Monitoring

Wearables & IOT

Categories

Hospital
Operational
Efficiency

Minimally
Invasive
System

Video



DigiSense redefining adult continence care by converting any type of any commercial diaper to a next-gen interactive diaper

DigiSense is a leading innovator in contact-free, wearable health monitoring technology. Our Smart Health Wearable Monitoring Device (SHWMD) leverages advanced AI to monitor vital health parameters through any commercially available diaper—transforming it into an intelligent, next-generation health monitoring tool. The DigiSense device attaches externally to the diaper, seamlessly collecting and transmitting real-time data and alerts to a secure, cloud-based platform. It monitors and alerts for : Urine & bowel movement ,Bedsore, Falls and motion, Ambient temperature, Sleep quality and Flatulence.

Caregivers and users can access continuous, actionable health insights 24/7 via the DigiSense mobile application.





THE WOMEN'S HEALTH
STARTUP STUDIO

Impact.51

www.impact-51.com

Therapeutic Areas

Nursing Applications

Remote Monitoring

Wearables & IOT

Categories

Hospital

Operational
Efficiency

Minimally
Invasive
System

Video



impact.51 - We create startups to solve women's health challenges

impact.51 is the world's first startup studio exclusively focused on women's health, driving systemic change through innovation. Operating at the heart of the global FemTech ecosystem, we transform critical healthcare gaps into scalable ventures using our unique challenge → ideation → foundry model. With two ideation cycles completed (Menopause, Mental Health) and three startups launched, we are now preparing to address future challenges in Cardiovascular Health and Maternal Mortality. Our strength lies in our cross-sector collaboration, deep venture-building expertise, and guidance from a world-class advisory board. Impact.51 bridges the gender gap in healthcare through purpose-driven innovation and a structured, repeatable venture creation process.

*Building the ecosystem,
creating companies*

impact.51

the world's first startup studio to
exclusively address women's health

contact@impact-51.com





motion
INFORMATICS

Motion Informatics

www.motioninformatics.ai

Therapeutic Areas

Geriatrics

Neurology and
Degenerative Disease

Rehabilitation

Categories

AR/VR

Digital Imaging

Telemedicine
Solutions

Video



AI and AR - driven neuromuscular rehabilitation integrating FES, NMES, biofeedback, and real-time analytics.

Motion Informatics is a digital healthcare leader specializing in AI-driven neuromuscular rehabilitation. Our flagship technology integrates FES, NMES, and biofeedback into a single, user-friendly device, offering real-time analytics for optimized therapy. Unlike traditional solutions, our system enhances motor recovery with precision, personalization, and active patient engagement. Designed for both clinical and home use, it bridges accessibility gaps, improving rehabilitation outcomes while reducing costs. Our new device, Spatial StimelMD, leverages AI, AR, and BioRhythmIQ technology to set a new standard in digital health, making neuromuscular therapy smarter, more efficient, and widely accessible.





myAir Longevity

myair.ai

Therapeutic Areas

General Health

Categories

Decision
Support
Systems

Nutrition Tech

Personal Health
Assistant

Video



myAir Longevity leverages resiliency routines through functional, personalized nutrition.

myAir Longevity is a generative AI-powered platform that enhances healthy aging by delivering personalized, functional nutrition based on real-time mind-body analytics. By integrating physiological data from wearables and psychological insights from cognitive assessments, myAir's Smart Nutritionist Avatar offers daily, tailored wellness recommendations. This dynamic feedback loop supports mental resilience and vitality, making advanced biohacking accessible and effortless. Validated by research with GARMIN Health, 80% of users experienced improved vitality scores, demonstrating myAir's effectiveness in promoting longevity through personalized nutrition.





women's health. first

Nevia Bio

www.nevia.bio

Therapeutic Areas

Gynecology

Women's Health

Categories

Minimally
Invasive
System

Personal Health
Assistant

Video



Empowering women's health through innovative early disease detection technology

Nevia Bio is revolutionizing women's health with the world's first AI-powered, non-invasive diagnostic platform that decodes vaginal secretions for early detection of gynecological cancers, starting with ovarian cancer. Our unique differentiator: leveraging an untapped biofluid and proprietary biomarker panels, we enable accurate, affordable, and life-saving insights. With a robust biobank, advanced machine learning, and partnerships with leading clinical centers, Nevia Bio is poised to expand its platform to multiple women's health indications, setting a new standard in preventative care.

Our Innovative Approach



We detect the body's early response to ovarian cancer in vaginal fluid, identifying biomarkers that indicate risk before a tumor is detectable otherwise.

NEVIA



OCON Therapeutics

www.oconmed.com

Therapeutic Areas

Gynecology

Categories

Drug delivery

Implantable

Minimally
Invasive System

Video



IUB 3D smart drug-delivery stent: uterus-adaptive technology treating prevalent women's diseases

OCON Therapeutics is redefining drug delivery in women's health with its proprietary IUB® (Intra-Uterine Ball) 3D platform—a smart, uterus-adaptive drug-delivery stent designed to treat the most prevalent gynecological conditions, including heavy menstrual bleeding, uterine fibroids, endometriosis, and more—targeting \$35B markets. Unlike traditional flat or T-shaped devices, OCON's spherical design conforms to each woman's unique anatomy, offering personalized, targeted treatment with enhanced safety and comfort. The platform supports both hormonal and non-hormonal therapies, enabling localized treatment and reducing systemic side effects. With over 150,000 women treated globally, OCON is pioneering a new era of innovation in women's health.



Categories

Medical Device OEM
Components

Medical Equipment
Custom Cases

Medical Packaging &
Enclosures

Medical device
accessories

Video



Custom Carrying Case manufacturer for medical devices

Shell-Case is a global leader in custom carrying cases and wearable solutions, trusted by top medical device companies including GE, Siemens, Medtronic, Stryker, BD, and Zoll.

We provide end-to-end services—from concept and industrial design to engineering, prototyping, and full-scale production—and are among the few in our field certified to ISO 13485.

With advanced capabilities such as EVA thermoforming, vacuum forming, blow molding, injection molding, sewing, and advanced bonding, Shell-Case uniquely integrates multiple technologies and materials into smart, high-performance carrying solutions.



Therapeutic Areas

Geriatrics

Psychiatry

Rehabilitation

Categories

Artificial
Intelligence

Assistive
Technologies

Precision /
Personalized
Medicine

Video



Tailorpath is an AI-powered platform that delivers personalized, accessible care plans for older adults and people with disabilities, supporting independence, rehabilitation, and proactive care.

Tailorpath is a digital assistant that provides personalized care plans for older adults through a user-friendly and cognitively accessible interface. It supports functional independence, emotional well-being, and cognitive health using validated tools like WHODAS 2.0 and Goal Attainment Scaling. Tailorpath stands out by combining individualized intervention planning, built-in risk management, automated monitoring, and accessible design. It enables older adults to manage daily tasks independently while giving care providers real-time data and structured reports. This solution reduces costs, enhances care quality, and supports proactive aging-in-place strategies, making it ideal for insurers and senior care systems seeking scalable, human-centered solutions.



Therapeutic Areas

General Health

Geriatrics

Categories

Assistive
Technologies

Minimally
Invasive System

Remote
Monitoring

Video



Passive, remote and nonintrusive health analytics and fall detection/prevention Sensors.

Vayyar Care is a data-driven fall detection and healthcare monitoring system that gives seniors the support and privacy they deserve. Telec-approved 4D imaging technology – with no cameras, buttons, or wearables – Vayyar Care seamlessly integrates with any nurse call system. Senior living communities can better protect residents and empower care staff with actionable insights. Enhance retention and ease the workload of caregivers while elevating resident care. From the technology core to the cloud, Vayyar's software is developed in-house. Our architecture comprises sophisticated radar algorithms, complex signal processing, and embedded software-on-chip that enables outputs ranging from raw data to tailored applications.

