Healthcare Delegation to Japan

September 16-19, 2025

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

Participating Companies

Ark Surgical

DigiSense

Nevia Bio

Impact.51

OCON Therapeutics

Tailor Path

Vayyar Imaging

EyeClick

Ark Surgical

Therapeutic Areas

Gynecology

Oncology

Women's Health

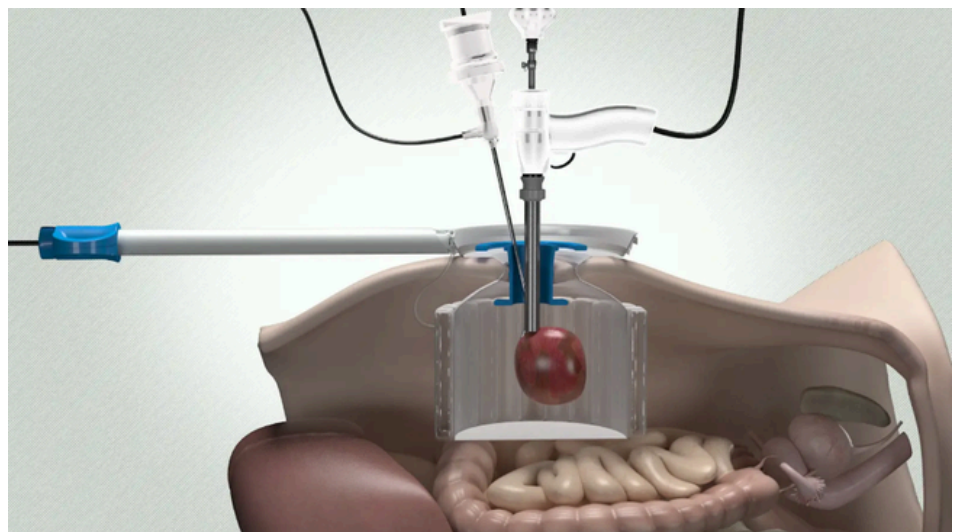## Categories

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.

DIGISENSE
Advance Sensing Solutions

DigiSense

Therapeutic Areas

General Health

Geriatrics

Rehabilitation

Categories

Nursing Applications

Remote Monitoring

Wearables & IOT

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 ,Bedsores, 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.

![eyeclick logo]

Eye click

Therapeutic Areas

General Health

Geriatrics

Categories

Assistive Technologies

Mobile Healthcare

Proactive wellness /
Lifestyle /
Patient Engagement

Video

[▶]

Transforming spaces into immersive play experiences for all ages - For Senior's care and Education

EyeClick redefines interactive engagement with touch-free, immersive play experiences designed for senior care, healthcare, education, and entertainment.

Our technology fosters cognitive stimulation, physical activity, and social interaction, making therapy, learning, and play more engaging and effective. With a plug-and-play system, diverse content library, and minimal maintenance, EyeClick stands out as a seamless, adaptable solution for senior care, pediatric therapy, and interactive environments worldwide.

impact.51

THE WOMEN'S HEALTH
STARTUP STUDIO

Impact.51

Therapeutic Areas

Cardiovascular

Gynecology

Women's Health

Categories

Decision Support Systems

Precision/ Personalized Medicine

Proactive Wellness / Lifestyle / Patient Engagement

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

NEVIA
women's health. first

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

Vaginal Fluid Sample Collection ⇒ Measure Host Response Signals ⇒ Apply Machine Learning Models ⇒ Discover Multi-Omics Biomarkers

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

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.

TailorPath

Tailorpath

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.

vayyar™ care

Vayyar Imaging

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.