



ISRAEL EXPORT INSTITUTE



Ministry of Economy and Industry
Foreign Trade Administration



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

Healthcare Delegation to Japan

September 16-18, 2025

Participating Companies



Ark Surgical



DigiSense



Illumigyn



Impact.51



Nevia Bio



Tailor Path



Vayyar Imaging

Participating Companies

Company	Category
Ark Surgical	Hospital Operational Efficiency Minimally Invasive System
DigiSense	Nursing Applications Remote Monitoring Wearables & IOT
Illumigyn	Artificial Intelligence Digital Imaging
impact.51	Decision Support Systems Precision / Personalized Medicine Proactive wellness / Lifestyle / Patient Engagement
Nevia Bio	Minimally Invasive System Personal Health Assistant
Tailorpath	Artificial Intelligence Assistive Technologies Precision / Personalized Medicine
Vayyar Imaging	Minimally Invasive System Assistive Technologies Remote Monitoring



Ark Surgical

ark-surgical.com

Therapeutic Areas

Gynecology

Oncology

Women's Health

Categories

Hospital
Operational
Efficiency

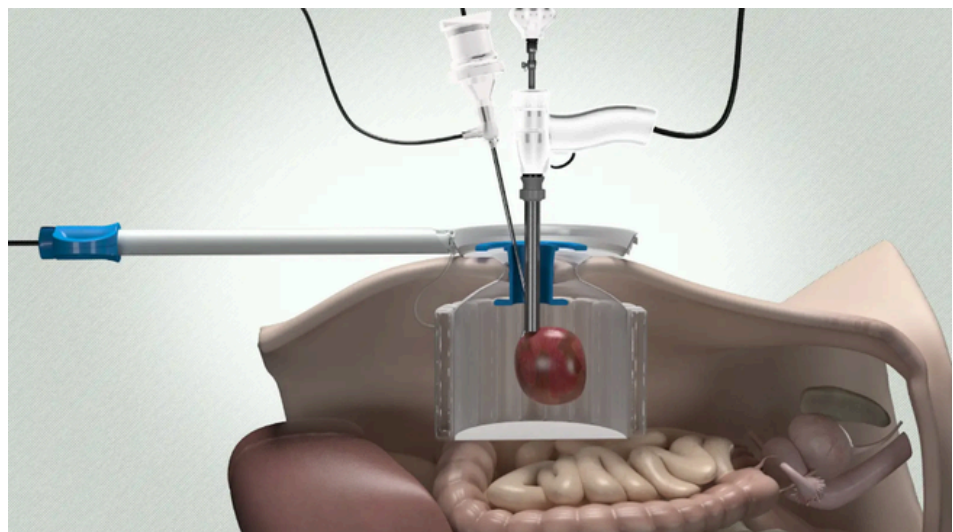
Minimally
Invasive
System

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

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 ,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.





Illumigyn

[Illumigyn.com](https://illumigyn.com)

Therapeutic Areas

Gynecology

Women's
Health

Categories

Artificial Intelligence

Digital Imaging

Video



AI-driven gynecological imaging for accessible, accurate women's health

Illumigyn is a groundbreaking women's health company redefining gynecological care through its FDA-cleared Gynescope™ digital imaging platform. Unlike traditional methods, Illumigyn enables high-resolution visualization of the cervix, vagina, and vulva, supported by AI-driven analysis for early detection of abnormalities.

Its cloud-based system allows secure remote consultation, empowering healthcare providers to deliver expert-level diagnostics anywhere, including underserved regions. By combining portability, advanced imaging, and AI, Illumigyn ensures accessibility, accuracy, and standardization of women's health screening worldwide. This unique approach bridges critical gaps in gynecology, enabling earlier intervention, better outcomes, and democratized access to quality care for women everywhere.





THE WOMEN'S HEALTH
STARTUP STUDIO

Impact.51

www.impact-51.com

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





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

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.

