



ARAB HEALTH TRADESHOW 2022

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DUBAI WORLD TRADE CENTER

Israel National Pavilion
Saeed Halls - S1, Booth No.E32

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Why Israel?

DIVERSITY is the backbone of Israel's Medical Device & Digital Health Industry

- Diverse Companies • Diverse Technological Implementation
- Diverse Medical Applications.

By the end of the 1990s, Israel was a home to more than 200 life science companies. With steady growth over the last decade (some 40 new companies formed each year), Israel has introduced creativity and innovation into the field; today there are over **1500 active companies**.

In a relatively short period of time, an impressive 40 percent of these companies are already generating revenues. **Israel's entrepreneurial ecosystem** creates opportunities for start-ups to become **advanced, commercially viable and promising businesses**. As proof of the industry's development, 2018 Medical Device & Digital Health have passed \$2 billion, growing steadily since 2010; while a rich pipeline of seed companies promises to perpetuate current growth.

The **Largest Sectors** is **Medical Devices** and **Digital Health** (over 65 percent of companies). In the medical device arena, Israeli scientists and engineers have integrated advanced technologies in electronics, communications and electro-optics to develop world-class innovations in **Digital Imaging, Medical Lasers, Telemedicine, Early Diagnostics, Smart Surgical Equipment** and more. Over 600 medical device exporters engaged in a variety of medical application such as **Cardiovascular** and **Peripheral Vascular, Neurology** and

Degenerative Diseases, Preparedness and Emergency Medicine, Intensive Care, Women Health, Orthopedics and Sport Medicine, Gastrointestinal, Infection Control, Ophthalmology, Pain and Wound Management, Oral and Dental Care, Dermatology and Aesthetics.

The digital era opens tremendous opportunities to deliver healthcare services to patients at the comfort of their homes or wherever they are, through any web or mobile device, without requiring a presence of healthcare provider in the loop. For millions of people that live in distance from or in scarcity of healthcare resources and services, the growing spread of smartphones creates new possibilities to improve healthcare services access and quality of life. **Telemedicine, mHealth, Wearables, Remote Monitoring, Electronic Medical Records, Big Data Analytics, Internet of Medical Things, Medical Apps** and others all can be incorporate into Digital Health or Health Information Technologies.

Israeli Digital Health industry has its roots in a long history of using innovative communication technologies to improve healthcare delivery. With **more than 25 years of expertise in implementing** health IT, electronic medical records and Big Data Analytics; today, our Government keeps investing strongly in IT thus putting Israeli expertise in international demand.

We are proud of the contributions of our gifted innovators at Israeli Medical Industry, which is a truly rewarding combination between Life Sciences and High-end Technologies starting from the design, development, advanced manufacturing integrating innovative materials, systems and technics promoting efficient work of the medical staff, allowing to achieve maximum accuracy in testing and treatment tailored to each patient's unique profile • **placing the individual in the center.**



THE ISRAEL EXPORT &
INTERNATIONAL COOPERATION INSTITUTE

Israel Inspired by Innovation at ARAB HEALTH 2022

The Israel Export & International Cooperation Institute, supported by member firms, private sector bodies and the government of Israel, advances business relationships between Israeli exporters and overseas businesses and organizations. By providing a wide range of export-oriented services to Israeli companies and complementary services to the international business community, the Institute helps build successful joint ventures, strategic alliances and trade partnerships.

The IEICI's Medical Device & Digital Health Sector is part of the Life Science Department which is the leader in business matching between the more than 1,500 companies in the Israeli life science industry and worldwide business partners at all levels. It has a proven ability to identify and match suitable potential business partners, organize one-on-one business meetings, and is a focal point for contacts with the government as well as with industry.

The Israeli Medical Device & Digital Health sector has more than 1,000 companies targeting various fields of medicine: Cardiology, Oncology, Neurology, Emergency Medicine, Rehabilitation, Ophthalmology, Gastrointestinal, Orthopedics and Sport Medicine, Women's Health, Pain and Wound Management, Dermatology and Aesthetics. Offers a variety of innovative medical solutions and technologies that answer today's healthcare challenges.

Discover [Israel's Medical Device & Digital Health Industry](#) with IEICI.



**THE ISRAEL EXPORT &
INTERNATIONAL COOPERATION INSTITUTE**

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Ministry of Economy and Industry
Foreign Trade Administration

The Foreign Trade Administration at the Israeli Ministry of Economy and Industry

The Foreign Trade Administration (FTA) at the Israeli Ministry of Economy and Industry manages and supports Israel's international trade and trade policy by promoting trade and exports, initiating and maintaining trade agreements, attracting and facilitating foreign investments and creating strategic cooperation with foreign companies. Through our headquarters in Jerusalem together with 45 economic and trade missions in key financial centers throughout the world, the FTA promotes Israel's economy worldwide.

Israel's economic and trade missions are at the forefront of the Israeli government's efforts to boost our industries in foreign markets. Our team of highly experienced economic representatives and business consultants provides a wide range of services to Israeli companies and to the international business community.

The FTA establishing a new office in Abu Dhabi, which will be responsible for ties between Israel and the United Arab Emirates. The economic and trade mission will oversee the strengthening of commercial and economic links between Israel and the UAE and will work to attract UAE investments in the Israeli economy.



Ministry of Economy and Industry
Foreign Trade Administration

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Index by Company

Company	Website	Category	Therapeutic Area
4Med 	www.4med.co.il	3D printed Disposable & Implantable Medical Equipment	General Surgery Wound Management
Biobeat 	www.bio-beat.com	Artificial Intelligence Remote Monitoring Wearables & IOT	Cardiovascular Primary Care Respiratory
BrainsWay 	www.brainsway.com	Medical Equipment Research Equipment	Neurology and Degenerative Disease Psychiatry
Dotz Nano 	www.dotz.tech/mass-covid-19-tests/	Diagnostic	Infectious Diseases Internal Medicine
Easy Line 	www.easyline.co.il/en	Drug Delivery Medical Equipment Nutrition Tech	General Health Oncology Oral Care

Index by Company

Company	Website	Category	Therapeutic Area
ezMedSoft Powered by R.R. Information Systems and Technologies	www.ezmedsoft.ae	Electronic Medical Records ePrescribing Solutions Web/Internet Solutions	Dermatology and Aesthetics General Health Women's Health
 ר.ר. מערכות סיסטמס וטכנולוגיות בע"מ R.R. Knowledge Systems and Technologies LTD			
Flight Medical Innovations	www.flight-medical.com	Diagnostic Laboratory Systems Medical Equipment	Emergency Medicine Intensive Care Respiratory
 Flight Medical			
Livia by iPulse Medical	www.mylivia.com	Personal Health Assistant Proactive wellness / Lifestyle / Patient Engagement Wearables & IOT	General Health Gynecology Women's Health
 Livia			
Medlife	www.medlife.co.il	Digital Imaging Imaging Monitoring	Ear, Nose and Throat (ENT) Gastrointestinal Obstetrics
 MEDLIFE Advanced Medical Solutions			

Index by Company

Company	Website	Category	Therapeutic Area
Silbermann Technologies 	www.silbermann.com	Medical Equipment	Emergency Medicine General Health General Surgery
TytoCare  Telehealth Beyond Video	www.tytocare.com	Mobile Healthcare Remote Monitoring Telemedicine Solutions	General Health Pediatrics

Surgical instruments and devices for Surgery and Burns treatment

4Med Ltd. has developed the “Rosenberg Mesher” - a new generation Mesher for skin graft meshing systems. The design of the state of the art “Rosenberg Mesher” incorporate the expertise of leading plastic surgeons and biomedical engineers. DermaPrep™ represents a new paradigm - for controlled, hygienic, mechanical cleaning and debridement of acute and chronic skin conditions.

A Family of Skin Grafting Knives The “Rosenberg” Manual Dermatome comprises of three Skin Graft Knives, consisting of Macro, Mini and Micro Dermatomes. These incorporate an ergonomic approach that provides the surgeon with improved safety, control and ease of use. Its custom design facilitates tangential excisions & tissue harvesting in all body areas where traditional skin graft knives are used and is particularly suitable for the abdomen, chest, shoulders and back.

Categories

- 3D printed
- Disposable & Implantable
- Medical Equipment

Specific Areas

- General Surgery
- Wound Management

Company Status

Revenue Growth



AI remote patient monitoring platform, measuring 13 vital signs and triggering early clinical intervention

Biobeat's remote patient monitoring health-AI platform includes a wearable monitor which utilizes a PPG-based sensor to continuously provide accurate patient readings of 13 health parameters, including cuffless blood pressure, pulse rate, respiratory rate, blood oxygen saturation. Biobeat's web platform incorporates advanced AI-based algorithms to provide alerts on patient health status and potential deterioration. Biobeat's wearable devices are the first devices to be FDA-Cleared for cuffless non-invasive blood pressure monitoring and are also CE Mark certified.

Categories

- Artificial Intelligence
- Remote Monitoring
- Wearables & IOT

Specific Areas

- Cardiovascular
- Primary Care
- Respiratory

Company Status

Revenue Growth



Boldly advancing neuroscience with its proprietary Deep Transcranial Magnetic Stimulation technology to improve health and transform lives

BrainsWay's patented breakthrough treatment based on Deep TMS™ begins a new era in brain stimulation and research. This treatment activates deep brain structures by using directed electromagnetic fields that generate excitation or inhibition of neurons deep inside the brain to treat psychiatric conditions. While there are few treatment options available to those diagnosed with mental disorder, many patients struggle to experience significant symptom relief and cope with medication side effects. This treatment is a well-tolerated, highly effective, noninvasive treatment that may facilitate a profound improvement in a patient's mental health. Current FDA & CE cleared indications include MDD (major depressive disorder), OCD, smoking addiction, and anxious depression.

Categories

- Medical Equipment
- Research Equipment

Specific Areas

- Neurology and Degenerative Disease
- Psychiatry

Company Status

Revenue Growth



High-throughput & rapid RT-LAMP diagnostic platform for SARS-CoV-2 and other viruses

Dotz Nano Ltd. is an advanced materials company specializing in diagnostics, tracing, and authentication solutions. The company has been developing and marketing an RT-LAMP molecular diagnostics platform for SARS-CoV-2 and other viruses.

Dotz' Mega Diagnostic Platform is a high-throughput, rapid end-to-end diagnostic solution comprised of proprietary test kits, an automated diagnostic system and a test & results management system. This highly accurate platform can use both saliva and nasopharyngeal samples.

Categories

- Diagnostic

Specific Areas

- Infectious Diseases
- Internal Medicine

Company Status

Revenue Growth



Clinical nutrition products are specially formulated products to be consumed-ententially (oral or tube)

Easy Line company is a leading company in the field of medical food& Clinical Nutrition in Israel.

All of our liquid products for oral and enteral feeding, are designed to provide the total nutritional needs for the target users. They consist therefore of all nutritional building blocks Proteins, carbohydrates, fats & oils, fibers vitamins & minerals. Our products are key in meeting nutritional requirements & providing nutritional support solutions.

Categories

- Drug Delivery
- Medical Equipment
- Nutrition Tech

Specific Areas

- General Health
- Oncology
- Oral Care

Company Status

Regulatory Approval



Innovative EMR software for clinics and hospitals with 30 years successful experience and hundreds of happy clients, recently started activity in UAE

R.R. Information Systems and Technologies Ltd. is a veteran software company that is highly experienced in developing systems and software applications of the highest quality that are technologically configured to the fields of medicine and optics. We invite you to enjoy highly advanced technological tools and personalized professional support provided by a project manager throughout the entire process.

We have developed professional management systems that provide solutions for managing clinics and medical centers, as well as systems that provide the most accurate answer to optical stores and large optical retail chains.

Categories

- Electronic Medical Records
- ePrescribing Solutions
- Web/Internet Solutions

Specific Areas

- Dermatology and Aesthetics
- General Health
- Women's Health

Company Status

Revenue Growth



Flight Medical develops manufactures and markets life support respiratory ventilators

Flight Medical Innovations Ltd. (1996), develops, manufactures, and markets life support respiratory ventilators.

Flight Medical's ventilators are used in ICU, ER, long Term Acute Care facilities, EMS, intra-hospital transport and homecare. Flight Medical sold more than 20,000 units in 50 countries worldwide: USA, Canada, Japan, China, India, Israel, Italy, Spain, Kenya, Brazil, etc.

Categories

- Diagnostic
- Laboratory Systems
- Medical Equipment

Specific Areas

- Emergency Medicine
- Intensive Care
- Respiratory

Company Status

Regulatory Approval





Livia - The end of period pain

Livia is a revolutionary drug-free, wearable medical device that delivers much safer, faster, and more complete menstrual pain relief. It relieves menstrual pain within 30 to 60 seconds, which is why we call it “The off switch for menstrual pain.”

Livia has undergone extensive clinical trials and is FDA, CE & Health Canada Approved.

Categories

- Personal Health Assistant
- Proactive wellness/
Lifestyle/ Patient Engagement
- Wearables & IOT

Specific Areas

- General Health
- Gynecology
- Women's Health

Company Status

Revenue Growth



Medical IT solutions for obstetric and video imaging

Medlife is Israel's leading distributor and service provider of medical equipment and IT solutions. In addition, Medlife has a unique knowledge base and turn-key hospital & clinics projects experience.

Medlife has Long-standing institutional customers, including mega-hospitals. We specialize in customizing, developing, and implementing solutions for the medical environment.

Medlife has the ability and the experience to provide software solutions based on customer's requirements for a wide variety of devices for existing medical files. The lead innovation of Medlife is the Hobar, a leading medical obstetric software, CE approved, and a business partner distributing the product in Europe.

Categories

- Digital Imaging
- Imaging
- Monitoring

Specific Areas

- Ear, Nose and Throat (ENT)
- Gastrointestinal
- Obstetrics

Company Status

Revenue Growth



Design & Manufacture of Medical Gas Systems Since 1950

Established in 1950, Silbermann is a leader in designing and manufacturing of medical gas system products.

We offer a range of innovative products including:

- Ceiling pendants/booms for critical departments such as OR, ICU's etc.
- Medical Gas Pipeline: Automatic manifold systems, digital alarm panels, Touch screen alarm panels, outlets, bed head units, etc.
- Oxygen and suction therapy equipment including flowmeters, vacuum regulators, etc.
- Medical gas central supply systems.

All products are CE marked.

Categories

- Medical Equipment

Specific Areas

- Emergency Medicine
- General Health
- General Surgery

Company Status

Revenue Growth



A full-stack platform and exam kit for accurate diagnosis and treatment

TytoCare solutions are designed to replicate a face-to-face clinician visit. They include a hand-held, FDA and CE-approved modular examination tool for examining the heart, lungs, skin, throat, ears and body temperature; a complete telehealth platform for sharing exam data, conducting live video exams and scheduling visits; a cloud-based data repository with analytics; and built-in guidance technology and machine learning algorithms to ensure accuracy and ease of use. The Tyto platform also provides simple integration with EHR systems and other telehealth platforms.

Categories

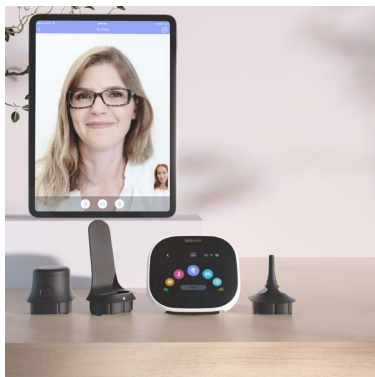
- Mobile Healthcare
- Remote Monitoring
- Telemedicine Solutions

Specific Areas

- General Health
- Pediatrics

Company Status

Revenue Growth





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This publication is for informational purposes only. While every effort has been made to ensure that the presented information is correct, The Israel Export & International Cooperation Institute assumes no responsibility for damages, financial or otherwise, caused by the information herein.

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