

Israel Inspired by innovation

Life Science Industry





Meeting Global HealthCare Challenges

- HealthCare Costs are Soaring, reaching upwards of 11% of the GDP in Europe and 16% of the GDP in the United States.
- Populations are Aging and their numbers are increasing. The oldest members of the baby boom generation (1946 – 1964) in North America, Europe, Asia and Australia have reached 65.
- The Emerging Middle Classes in China, India and other developing countries now demand better, higher quality medical care.

There is a critical need to lower healthcare costs!



Israel's Life Science Industry Meeting Global HealthCare Challenges



To address and meet these challenges, governments, organizations and the HealthCare Industry itself are all moving the market in new directions:

- Technological advances enable the shift of treatments and procedures
 from inpatient to outpatient home care.
- The growing emphasis on early diagnostics and preventive medicine today helps to control the soaring costs of healthcare services.







Meeting Global HealthCare Challenges

As a recognized leader of creative developments in the world of high tech, Israel has become a leading provider of innovative solutions in the Life Science arena:

- Devices for improved inpatient and ambulatory care
- Biomarkers for accurate and earlier diagnostics
- HIT for monitoring the elderly and patients in rural communities
- Paving the way towards personalized medicine in the future

"Israel is among the world leaders in the usage of Information Technology (IT) in Healthcare" (Gartner)





The Global Competitiveness Index 2011 - 2012

INDICATOR	RANK
* Venture capital availability	2
* Strength of investor protection	5
Firm-level technology absorption	6
Governmental procurement of advanced tech products	6
Nature of competitive advantage	8
* Quality of scientific research institutions	1
* Utility patents granted/million pop.	4
* Capacity for innovation	6
Corporate spending on R&D	8
University-industry collaboration in R&D	7
Availability of scientists and engineers	10





Industry Drivers



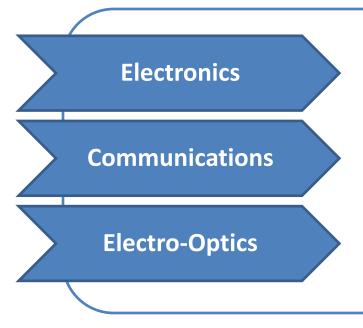
- Technology Transfer Organizations (TTOs)
- Commercialized defense technology
- Healthcare system
- Strong entrepreneurial spirit
- Powerful VC community
- Highly skilled workforce
- Institutional incentives



The Israel Export & International Cooperation Institute

Industry Drivers

In Medical Devices 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, diagnostic and surgical equipment.



- Digital Imaging
- Medical Lasers
- Electro-Medical Devices
- Telemedicine
- Surgical Equipment
- Diagnostic Kits
- Rehabilitation Equipment



The Israel Export & International Cooperation Institute

Wealth of Clusters

- Diagnostics (125)
- Healthcare IT &
 Telemedicine (110)
- Imaging (60)
- MIS (50)
- Monitoring (40)
- Drug Delivery (50)

- Cardiovascular (110)
- Dental (70)
- Derma & Aesthetics (40)
- Oncology (40)
- Orthopedics (40)
- Women's Health (30)



Israel is ranked 1st for Medical Device patents

Israel is ranked 2nd for Medical Device solutions



Multinationals | Operate Israeli Subsidiaries or Manage Israeli R&D Centers.







































Life Science **Medical Devices**









Life Science **Bio & Pharma**













The First Medical Devices Summit

כנס המכשור הרפואי הראשון June 26–28, 2012, Tel Aviv



Australia





















India

Japan

Korea

Philippines

Singapore

Taiwan

Thailand

Vietnam



Thank You We look forward to seeing you in Israel

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