



THE NATIONAL
PROGRAM FOR
ECONOMIC GROWTH



HealthIL
Transforming Healthcare

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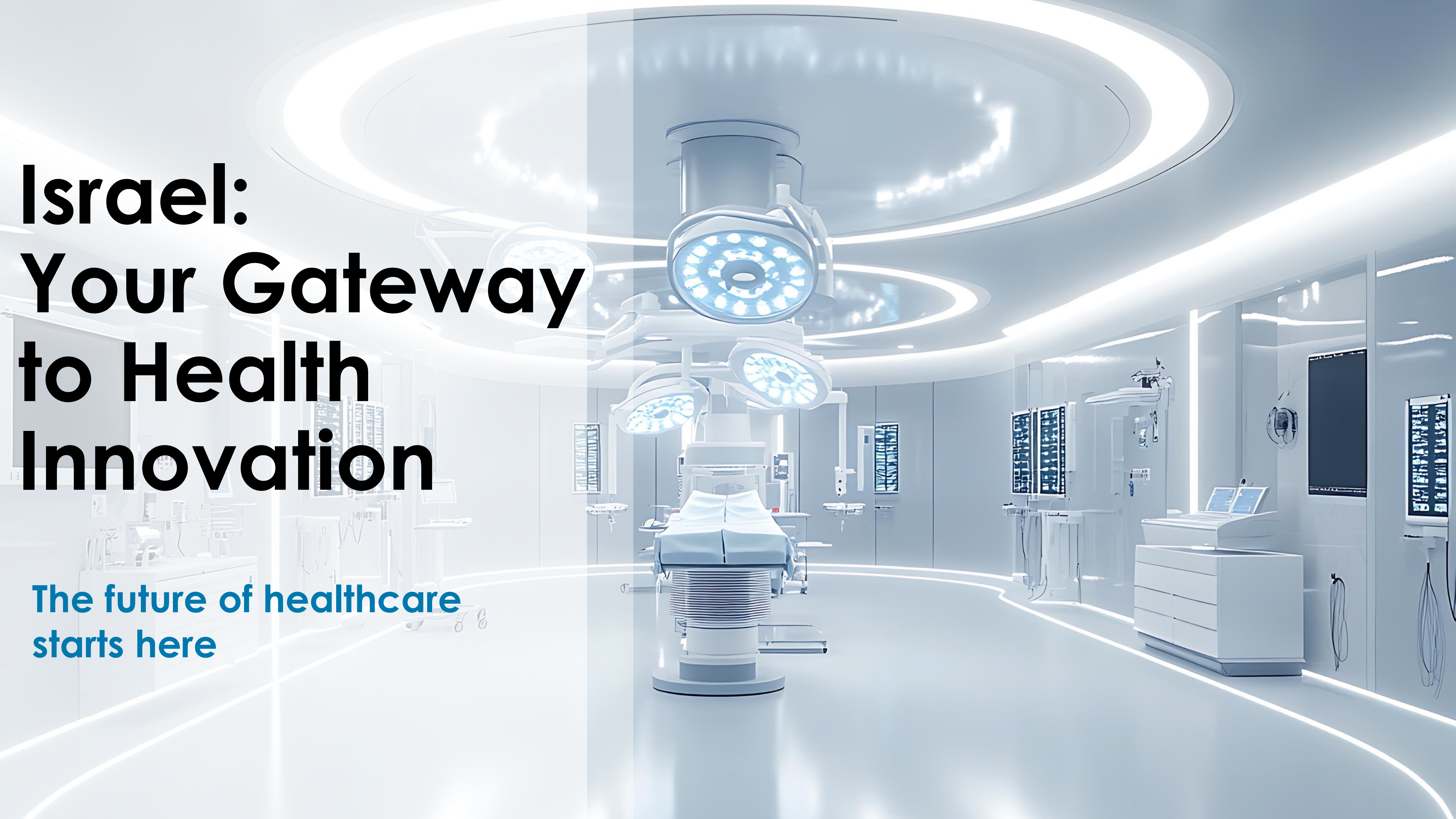
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Israel: Your Gateway to Health Innovation

The future of healthcare
starts here



A world at a crossroads

In boardrooms across the globe, executives face a sobering reality:

8%

Projected
Healthcare Cost
Increase for US
employers: 2025¹

\$1.3B

Average
development
cost for a new
drug²

33%

% of Europeans
over age 65 by
2025³

10M

Estimated global
shortfall of
healthcare
workforce by 2023⁴

¹ PWC Healthcare Cost Trends 2025

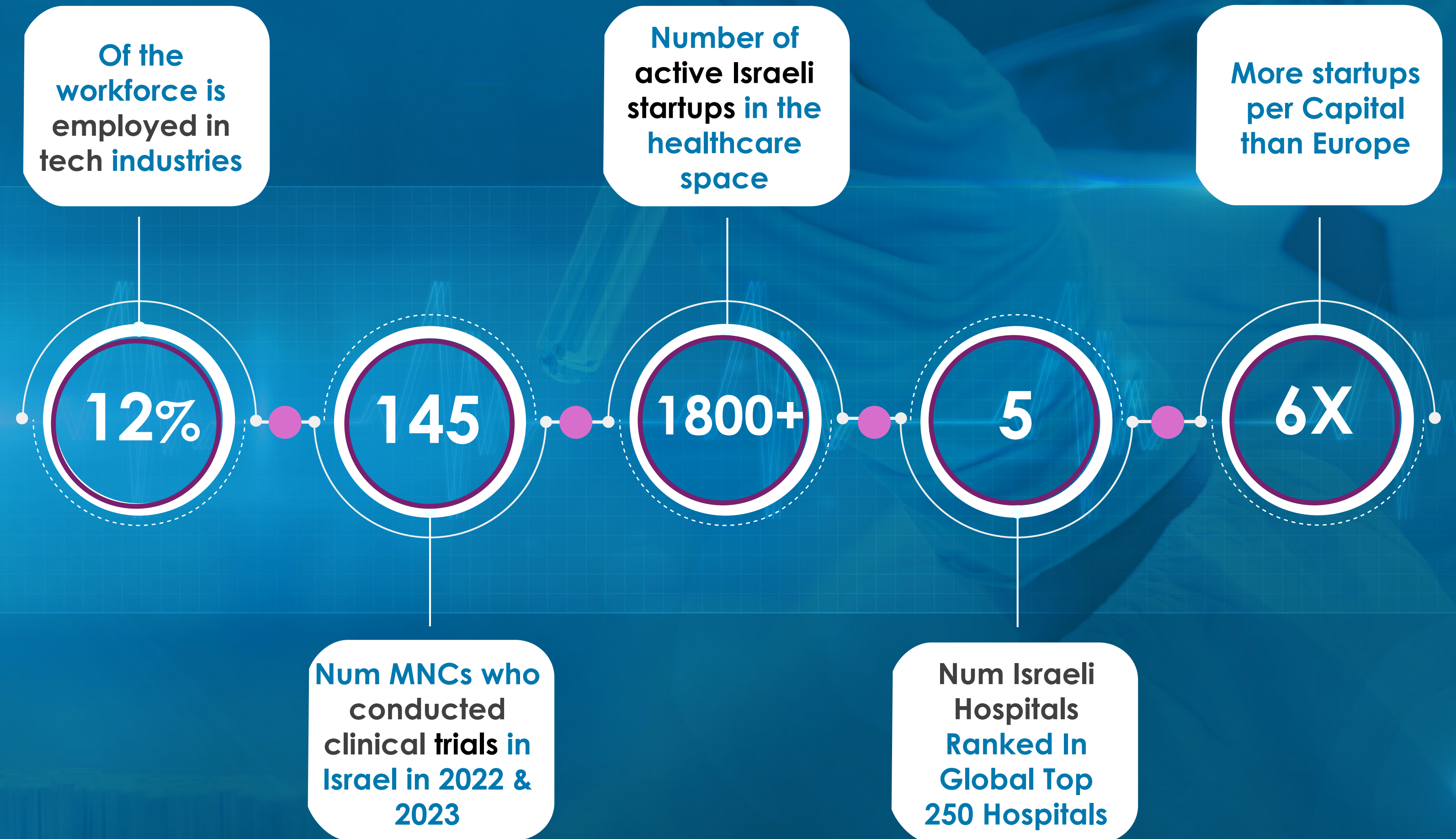
² <https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2828689>

³ The Lancet: Securing the future of Europe's ageing population by 2050, Dec 2023

⁴ World Health Organization

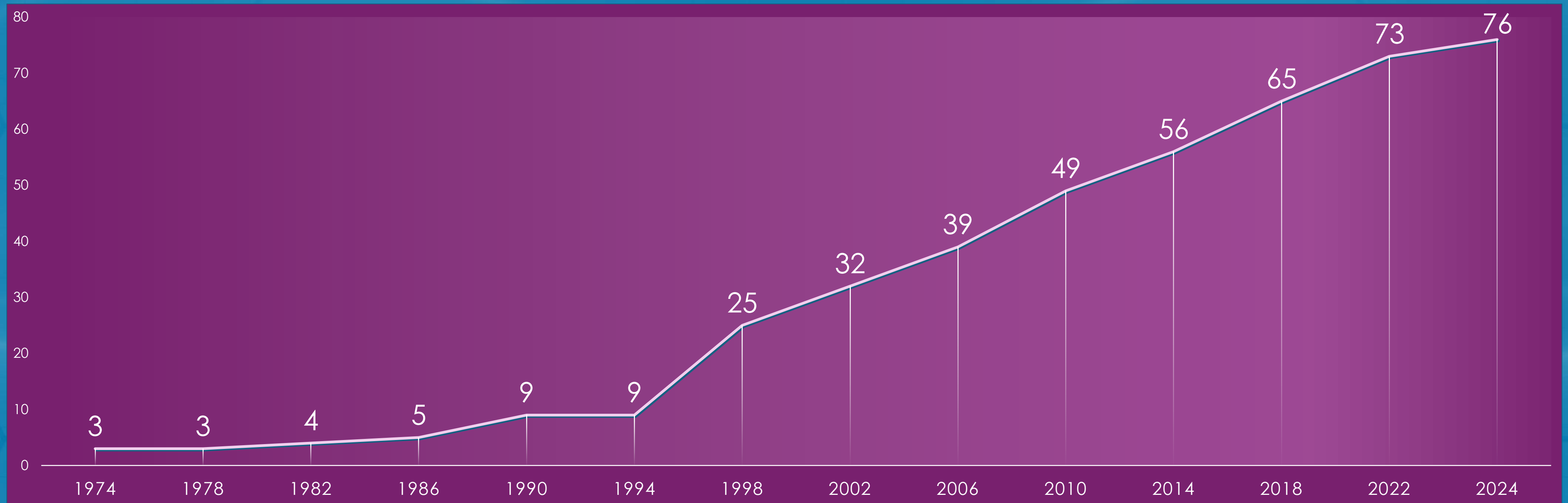
But in one small corner of the world a different story is unfolding...

The Israeli Healthcare Innovation Ecosystem: Building Solutions for Tomorrow's Challenges



Sources: Israel Ministry of Health, Crunchbase, Israel Innovation Authority, HealthIL, Newsweek

Over 75 Health Related MNCs are actively operating in Israel



The number of multinational corporations working in healthcare has grown consistently.

These MNCs are actively involved in innovation, R&D, production, and sales across all sectors of healthcare: BioPharm, Devices & Equipment, Consumer, Infrastructure, and Health-Tech (Software)

Introducing the Israeli Health Innovation Ecosystem:

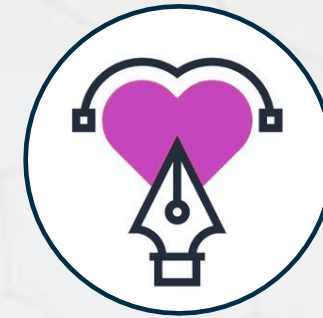
The Destination to Maintain Competitive Advantage



**Critical Density of
Technical and
Clinical Talent**



**Unparalleled Collaboration
between all key
stakeholders in Health
Innovation**



**Agility and Reliability
in any situation**



**A data driven healthcare
system**



**Governmental
support for R&D and
Innovation**



**Cutting edge
innovation to address
Global challenges**

These pillars create the perfect environment for de-risking healthcare innovation from Israel, and for the foundation of a dynamic and robust ecosystem



Critical Density of Technical and Clinical Talent

A rich concentration of world-class talent in technical and clinical innovation

"Israel is one of Nvidia's largest homes in terms of population ratio. Israel is also home to some of our most talented engineers... And so, we will continue to invest in Israel. Our base is strong and we have unequivocal support for our employees there"

--NVIDIA CEO Jensen Huang, March 2024

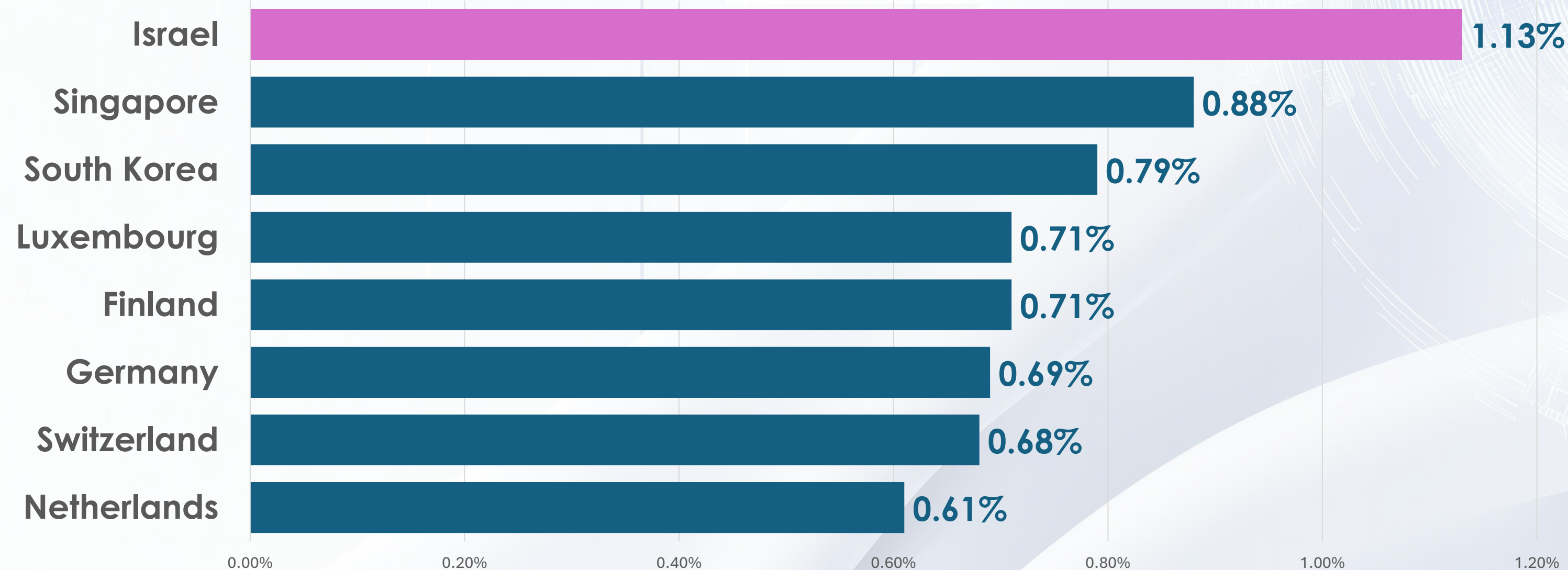


Critical Density of Technical and Clinical Talent

Israel possesses a unique blend of both Technical and Clinical expertise

AI talent concentration by geographic area, 2023

Stanford AI Index Report, 2024





Critical Density of Technical and Clinical Talent

Israel possesses a unique blend of both Technical and Clinical expertise

A Critical Mass of Clinical Excellence

OECD, F1000 Research – Nov 2024

**8000+ Researchers
per Million People**
(2X OECD Average)

**5th in World – Biomedical
Research Papers per capita**
(After Denmark, Switzerland, Sweden,
Netherlands)

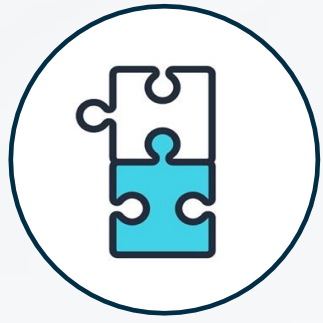


Unparalleled Collaboration between all key stakeholders in Health Innovation

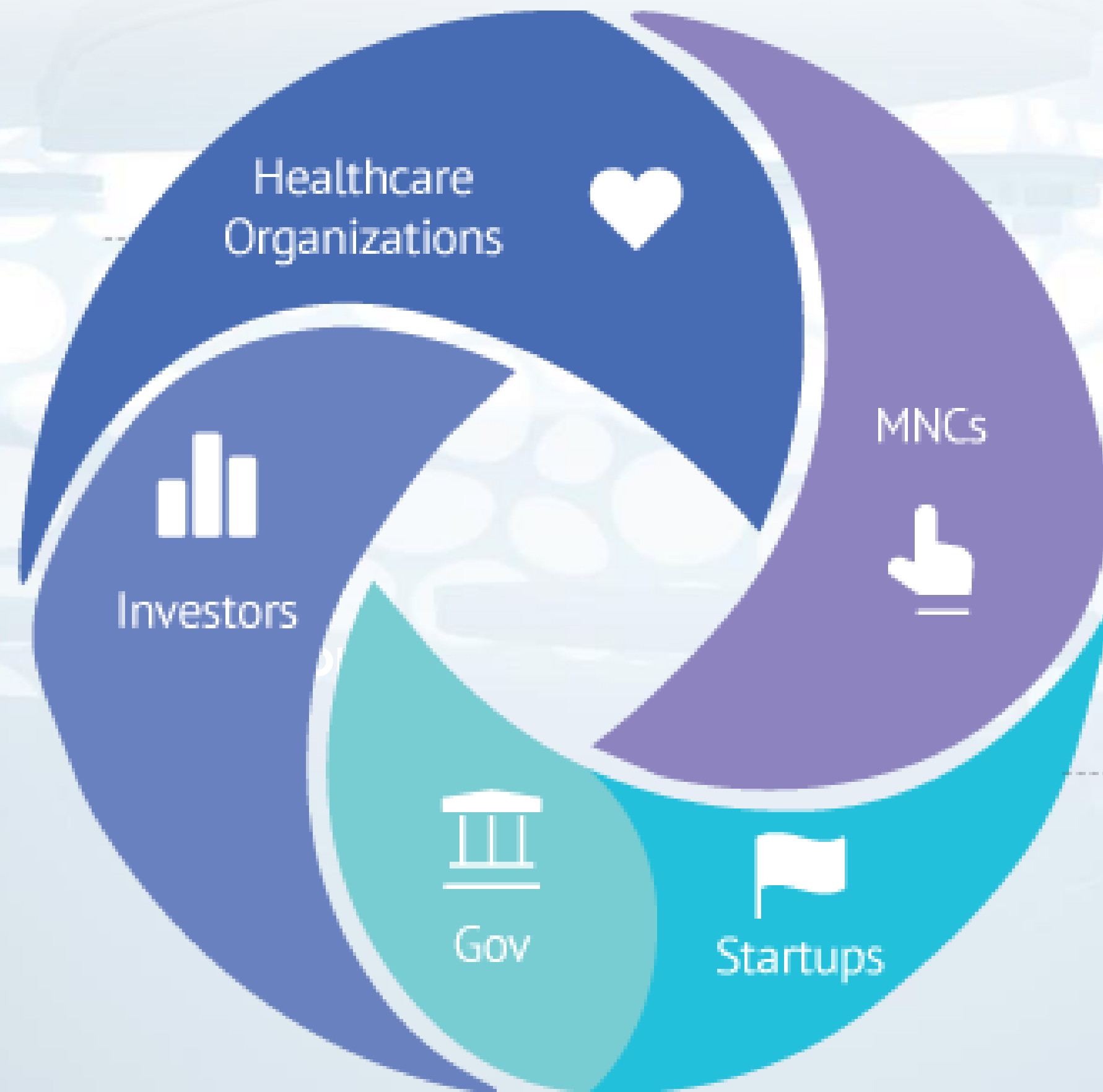
Continuous collaboration between industry, startups, investors, academia, and healthcare organizations creates rapid iteration

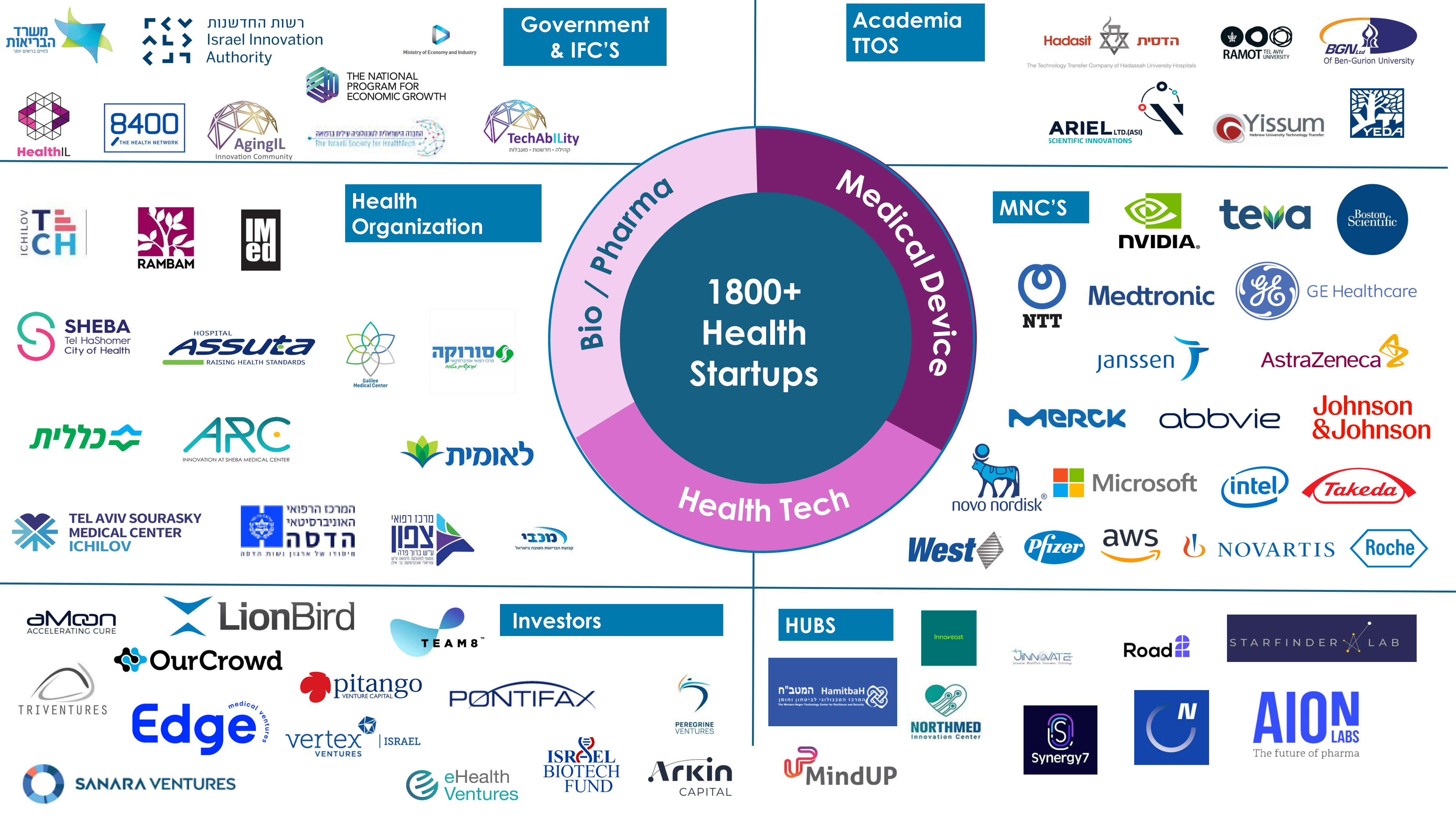
Israel has a booming scene of entrepreneurs working at the intersection of hi-tech and health care, generating cutting-edge mobile health devices, AI-powered diagnostic platforms, novel therapeutics, and new digital tools to improve the access, quality, and precision of care

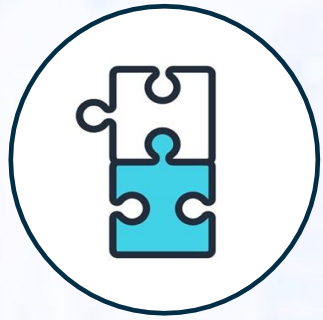
--Josh Kram, Former VP, International Strategy and Partnerships, U.S. Chamber of Commerce



Unparalleled Collaboration between all key stakeholders in Health Innovation







Unparalleled Collaboration between all key stakeholders in Health Innovation

Immersive Ecosystem Synergy

→ Edwards Life Sciences & Innovalve Case Study

2018

Spin out from Sheba
Tel Hashomer Hospital¹

2019

R&D Grant from Israel
Innovation Authority²

2020

Strategic Investment and
Tech Partnership with Edwards

2022

Total \$30M raised³

July 2024

News

**Edwards Lifesciences buys mitral
valve business Innovalve in \$300m
deal**

The \$300m deal with the Sheba Hospital spin-out means Edwards Lifesciences is expanding its heart valve offerings in an \$1.3bn market.

Joshua Silverwood | July 16, 2024

1: 8th best hospital in the world – Newsweek 2025
2: Number 1 in global ranking of Gov R&D as % of GDP (OECD 2024)
3: 2X more VC investment per capital than US, 3X more than EU (Crunchbase 2023)



World Renown Healthcare System integrating innovative solutions

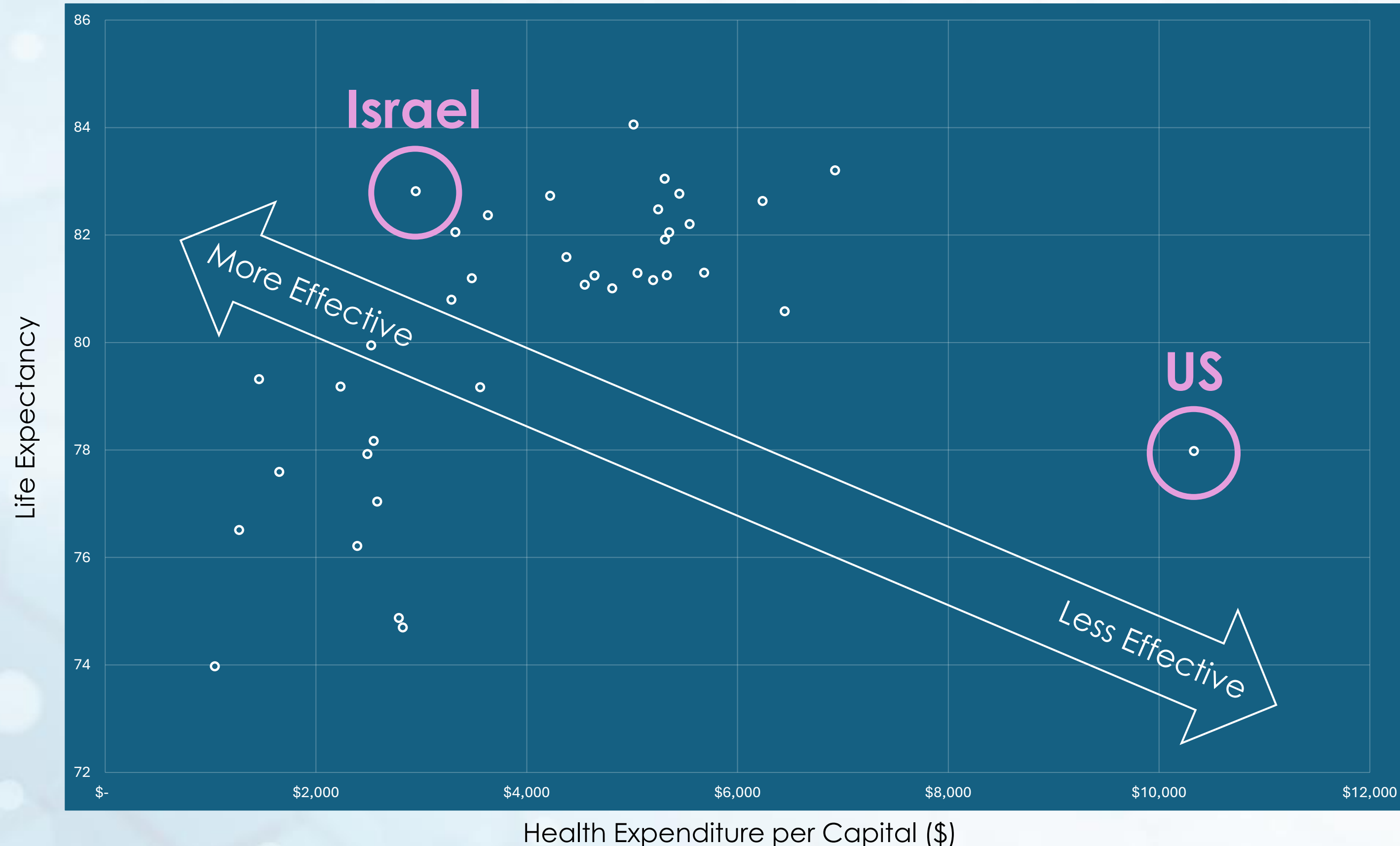
Innovation, data and Implementation create an unparalleled sand-box for solutions to address global health challenges.

“What stood out was how ideas from universities and hospitals are systematically transformed into startups... Importantly, the hospitals involved are not only interested in applying these solutions but also in their commercialization – a concept that remains underdeveloped in Germany.

**--Prof. Toralf Kirsten, Professor of Medical Data Science, University of Leipzig
Jan 2025**



Advanced Healthcare System that Develops and Integrates Innovation



Rapid Innovation and practical integration of innovation has positioned Israel as the most effective healthcare system in the world.

Five Israeli hospitals rank among world's best smart hospitals

Newsweek lists top 350 best smart hospitals in the world, with Sheba Medical Center cracking into top 10

Oren Reiss | 09.17.24 | 23:24

[Add a comment](#)



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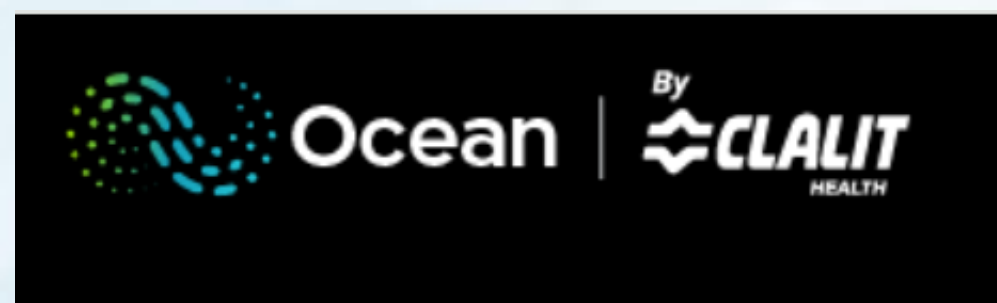
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Advanced Healthcare System that Develops and Integrates Innovation

Exceptional Data and Research infrastructures



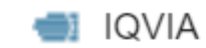
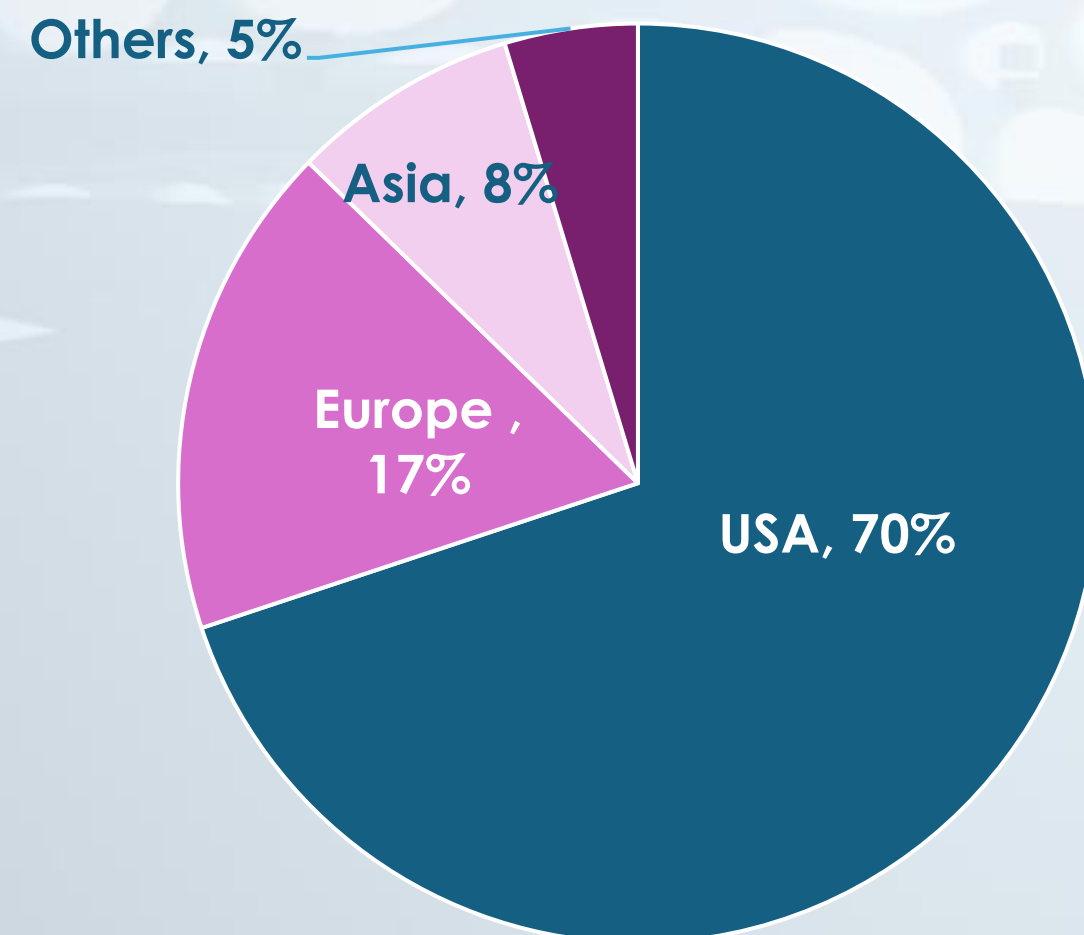


Advanced Healthcare System that Develops and Integrates Innovation

Data, Real World Evidence, and an innovation infrastructure means the Israeli healthcare system is an ideal sandbox for global innovation.

145 unique multinationals, and 120 unique global startups performed trials or clinical validation in Israel 2022 and 2023.

Trial / Validation Sponsor by Country of Origin
2022 & 2023



IQVIA and Clalit Health Services partner to advance research by launching the first Prime Site in Israel

The collaboration combines IQVIA and Clalit's capabilities in clinical trial delivery, real-world research, data and genomics.

10 Nov 2022



Harvard
Business
School

FACULTY & RESEARCH

FACULTY

RESEARCH

FEATURED TOPICS

Harvard Business School → Faculty & Research

Publications

FEBRUARY 2019 (REVISED AUGUST 2019) CASE HBS CASE COLLECTION

Maccabitech: The Promise of Israel's Healthcare Data

By: [Scott Duke Kominers](#) and Carin-Isabel Knoop

Format: Print | Language: English | Pages: 22



Governmental support for R&D and Innovation

Israel Leads the World in Governmental Expenditure on R&D, with multiple incentive programs for innovation in healthcare, including for corporate and industry partners.

“The combination of the government and private sector efforts around innovation and venture has been really robust there, and I think what that's done is just brought to life the intellect of the country. The people there [Israelis] are thinking about ways to solve problems”

--Daryl Tol, Head of Health Ecosystem, General Catalyst



Governmental support for R&D and Innovation

Israel Innovation Authority to invest \$30 million in R&D center for bio-devices based on bio-chips

The tender is directed at companies dedicated to developing key service infrastructure for companies that develop bio-

Israel invests NIS 500m in R&D infrastructure to keep pace in global AI race

Funds for the program will be allocated to create a national AI research institute, expand human capital, and integrate AI models across government services

By SHARON WROBEL [FOLLOW](#)

18 September 2024, 2:50 pm



The Times of Israel

Israel allocates NIS 30m to fund projects for AI applications in Hebrew and Arabic

Israel Innovation Authority backs 17 projects by local startups and academia to promote integration of artificial intelligence into local...

20 Sept 2023

The government will support the establishment of research infrastructure in health organizations with 100 million NIS

health funds and hospitals won a grant to establish a digital infrastructure to 19 make data accessible to startups and high-tech companies • In the first year, the winning programs will be awarded NIS 40 million



16:03 30/05/2022 | [People and Computer System](#)



Cutting edge innovation to address Global challenges

*1800+ solutions across all aspects of care
and every stage: Bio-pharm, Device, and Health-tech*

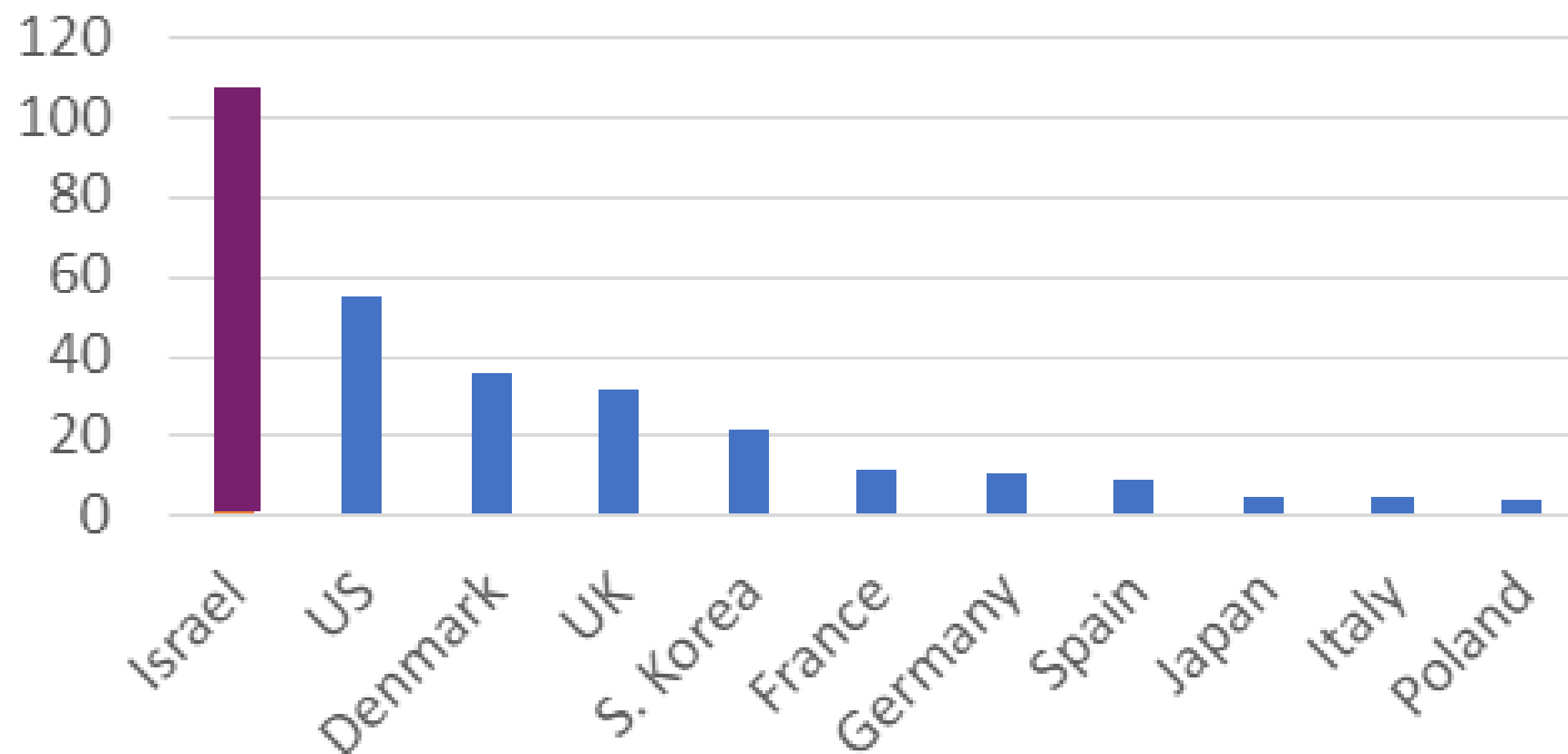
“In this world of digital health applications, devices and therapeutics, wherever you are in the world, no matter how great your ideas are, there’s somebody else working on the exact same idea at the same time. So, speed wins. They [Israelis] move fast and aren’t afraid to fail.”

--Matt McCooe, CEO, Connecticut Innovations



Cutting edge innovation to address Global challenges

Num Startups per Population (M)



- Israel has a distinct advantage in startup formation in healthcare
- 2X more startups per capita than in the US
- 6X more startups per capita than the European average
- There are more Digital Health startups in Israel than in all of Europe.

Israel is a leading Trial site for the Best-Selling Therapeutics

All 4 Phases
Conducted in Israel

Trialed in Israel
From Phase 1

Trialed in Israel
From Phase 2

Trialed in Israel
From Phase 3


Skyrizi[®]

 **IMFINZI**[®]


Eliquis[®]

 **DARZALEX**[®]

KEYTRUDA[®]

OPDIVO[®]
(nivolumab)


Revlimid[®]

HUMIRA[®]
adalimumab  **Stelara**[®]

Entresto[®]  **mounjaro**[®]

Lynparza[™]
olaparib  **Plevnar20**[™]

DUPIXENT[®]  **Cosentyx**[®]
(dupilumab)

Semaglutide
(Ozempic & Wegovy)

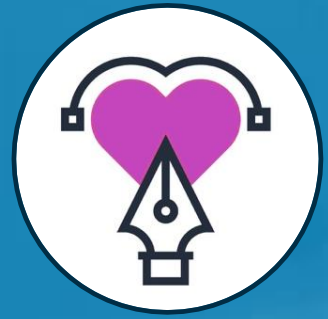
 **trulicity**[®]
once weekly

 **farxiga**[®]

 **HEMLIBRA**[®]


VABYSMO[®]

Life-changing therapeutics exist today because of the data, clinical excellence, and Real-World Evidence of the Israeli healthcare system.

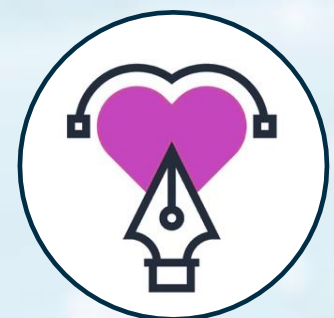


Agility and Reliability in any situation

Proven track record of “lean & mean” commitment to business continuity and value-for-money

"Founders in Israel today are among the most ambitious in the world...This is especially true after October 7, which filled the entire country with a sense of determination."

--Shaun Maguire, Partner, Sequioa Capital, Nov 2024



Resilience and Reliability

Proven commitment to Business Continuity in any situation

 Medical Device and Diagnostic industry

Medtronic Bets Big on CathWorks with Option to Acquire

Through a new agreement, Medtronic will invest up to \$75 million and help promote CathWorks' FFRangio System in the United States, Europe, and Japan, where the...

29 Nov 2023



 FierceBiotech

AI-powered trial designer QuantHealth gets 'strategic investment' boost from Accenture

QuantHealth, which uses AI to develop clinical trials, received a strategic investment from Accenture as part of the professional services giant's Project...

8 Jan 2024

 MedCity News

Highmark Taps Laguna for Conversational AI

Highmark is collaborating with Laguna Health, a conversational artificial intelligence company, to ease the administrative burden on care managers.

7 Jul 2024

 Reuters

Nvidia, Pfizer lead \$80 mln funding for Israeli medical AI tech firm CytoReason

Israel's CytoReason, which uses AI to develop disease models, said on Wednesday it had raised \$80 million in a private funding round.

17 Jul 2024

Medical technologies

Johnson & Johnson to Acquire V-Wave

V-Wave's Novel and Minimally Invasive Interatrial Shunt is Designed to Treat Heart Failure and Addresses Significant Treatment Gap

MEDTECH

AstraZeneca extends AI immuno-oncology R&D pact with Immunai

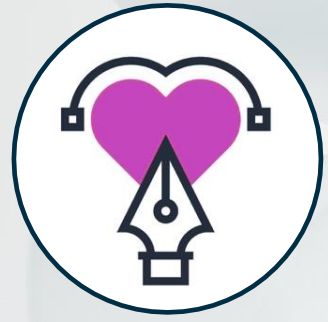
By **Conor Hale** · Sep 26, 2024 9:00am

Oracle & Imagen launch CanvOI to advance cancer research

Wed, 11th Sep 2024

Alcon completes acquisition of Israeli co Belkin Vision





Resilience and Reliability

Proven commitment to Business Continuity in any situation

Tech employment has rapidly rebounded. The sustained demand for tech talent across all sectors – including health – reflects the ecosystem's fundamental strength and its unwavering position as a global innovation hub.

The number of people employed in Israeli high-tech and their relative share in percentages of all employed people



**The future of
healthcare
starts in
Israel...**

Join us.

