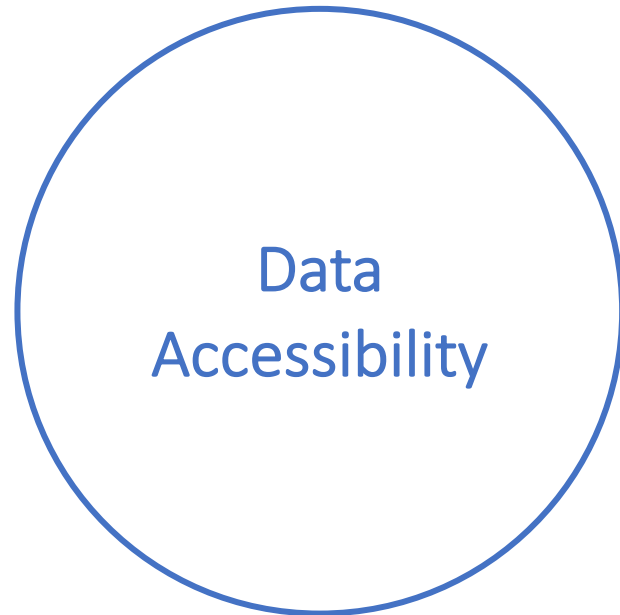




AI in Healthcare - Policy Perspective

Yoel Ben Or, Head of Policy
Digital Health, Ministry of Health, Israel

AI in Healthcare - Policy Perspective

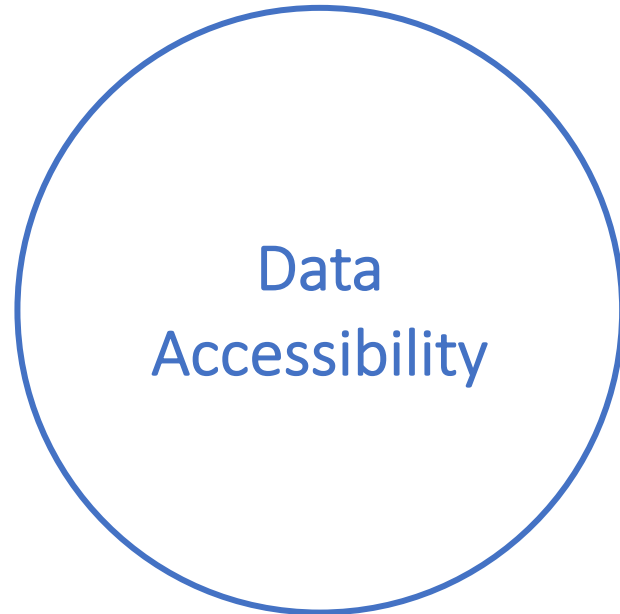


Access to quality, diversified & interoperable health data while protecting privacy and patients rights



Enabling environments for wide adoption of AI tools in clinical settings

AI in Healthcare: a Policy Perspective



Access to quality, diversified & interoperable health data while protecting privacy and patients rights

Quality

SNOMED CT

Diversified

Investing in data infrastructure

Interoperable



Privacy

Secondary use of health data



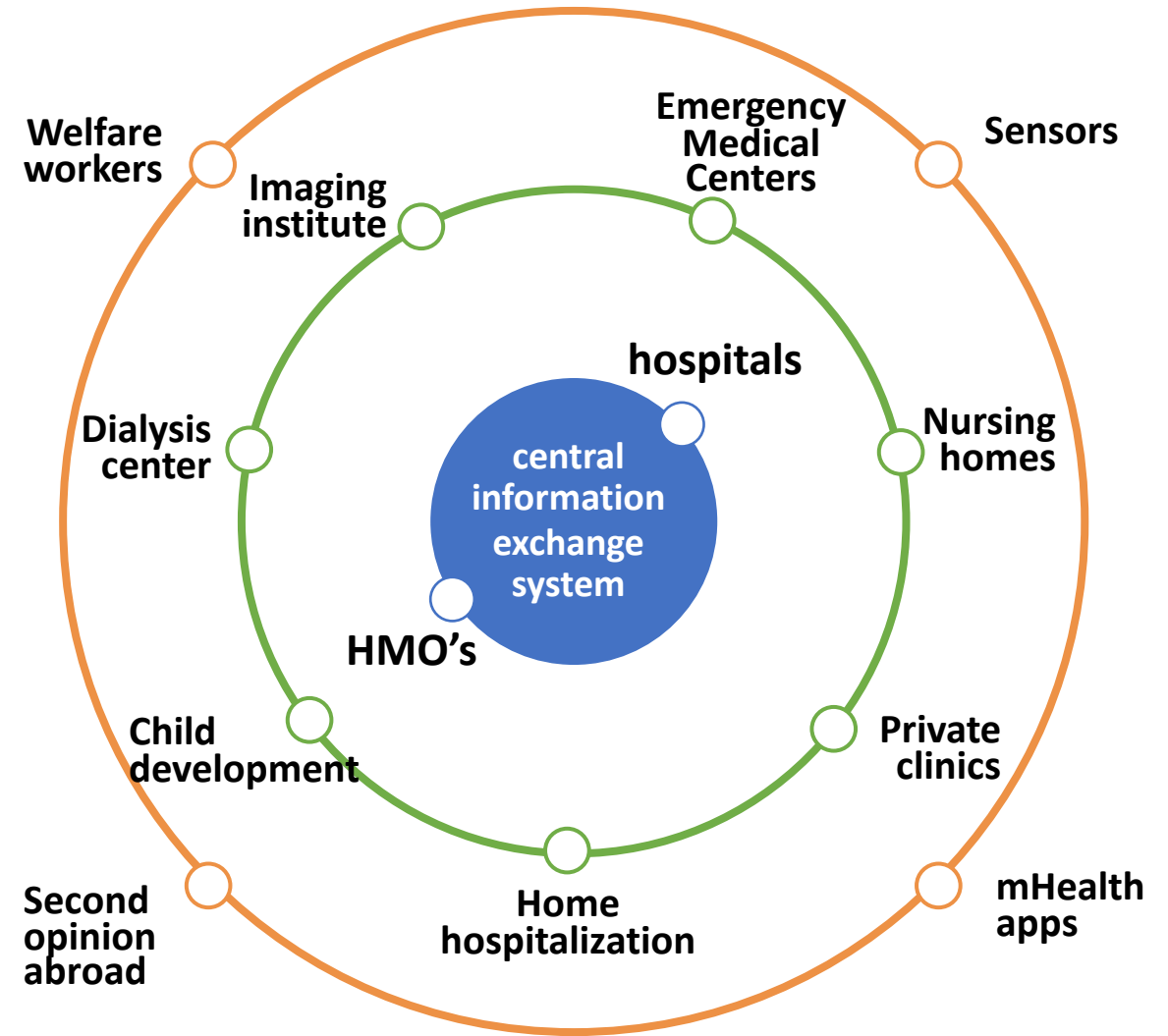
Health Data

Interoperability

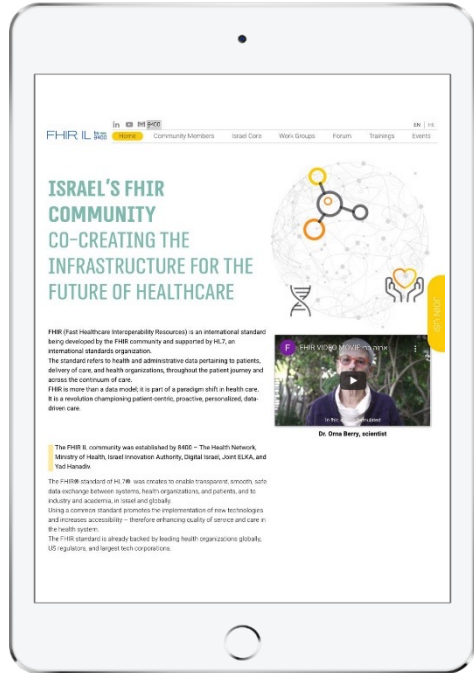
Open Data Exchange Standards are Critical

Access to Data for the development and deployment of advanced tools (based on AI and others) requires a move from a central exchange mechanism, with central permission management, to open standards (FHIR)

Game Changer: providing the patient with the ability to decide with whom to share his data



2021 – Jump Starting our FHIR Community



Digital Prescriptions



Federated learning



Reimbursement



Clinical Trials

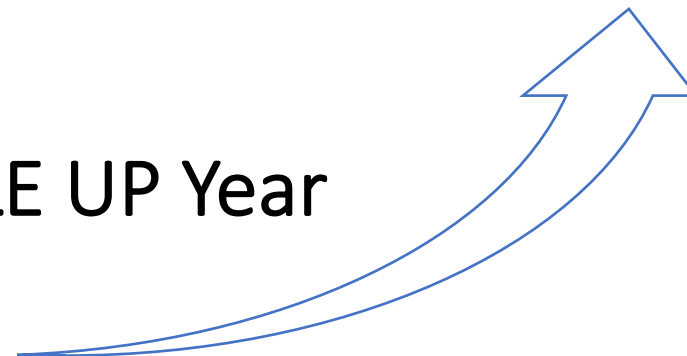


Diabetes Management

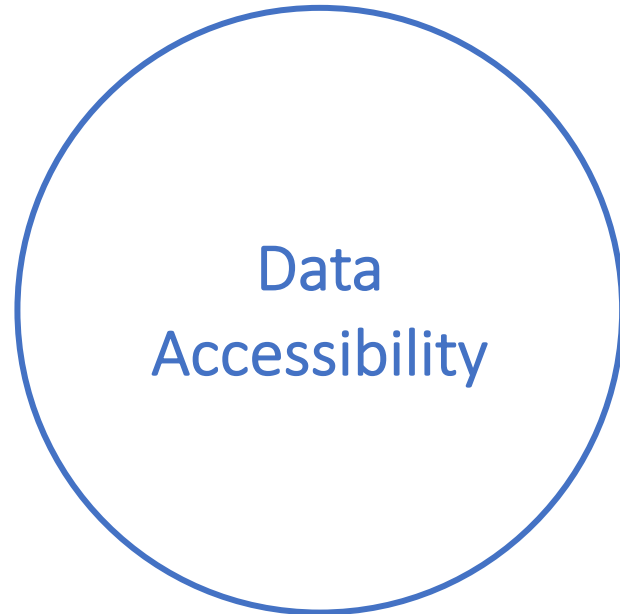


Hospital at Home

2022 - The SCALE UP Year



AI in Healthcare - Policy perspective



Access to quality, diversified & interoperable health data while protecting privacy and patients rights



Enabling environments for wide adoption of AI tools in clinical settings

AI in Healthcare - Policy perspective

Adoption in
clinical settings

Enabling environments for wide
adoption of AI tools in clinical
settings

Nothing in the Regulatory Framework forbids AI applications.

We see Increasing implementation:

Digital triage



Risk monitoring

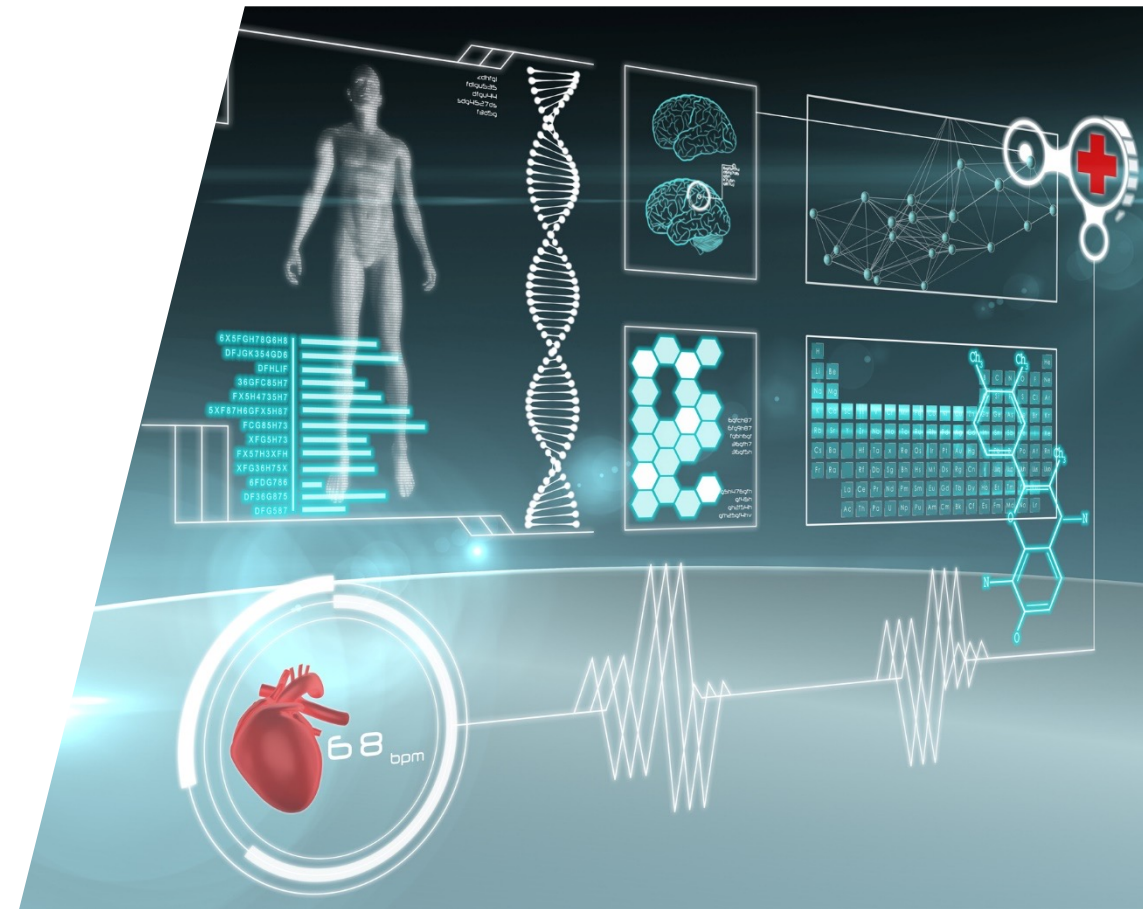


Image processing



Open Questions

- ❖ Can we rely on existing regulatory frameworks (SaMD) for AI algorithms?
- ❖ Do AI tools need different funding mechanisms? (Israeli DIGA?)
- ❖ Privacy & Security – from risk management by Health organizations to accreditation?
- ❖



When is the right time to answer these questions?

“We have created a start-up government that recognizes when it comes to innovation regulation never comes first...The way I view it is that if this were football we haven’t even started the first quarter. This is the warm-up Before the game....There is still the ability to learn what the shortcoming will be and what the harms to society will be”

Mayor Peduto, Pittsburgh

Thank you!

Yoel.benor@moh.gov.il

Head of policy, Digital health Division
Ministry of Health