



A Digital Health Ecosystem for Person-enabled Health and Wellbeing



Problem

Disconnect between present health systems (disease management focus) and objectives of empowered consumers (health and wellness focus)

- Healthcare components work as **silos**
- **Prescribed** pathway (no customization)
- **Top-down** information sharing/care (paternalistic doctor-patient relation)
- Patient/person has a **passive role**

Solution

Person-enabled health focuses on meeting and delivering on individual and population needs, values, and personalized health goals

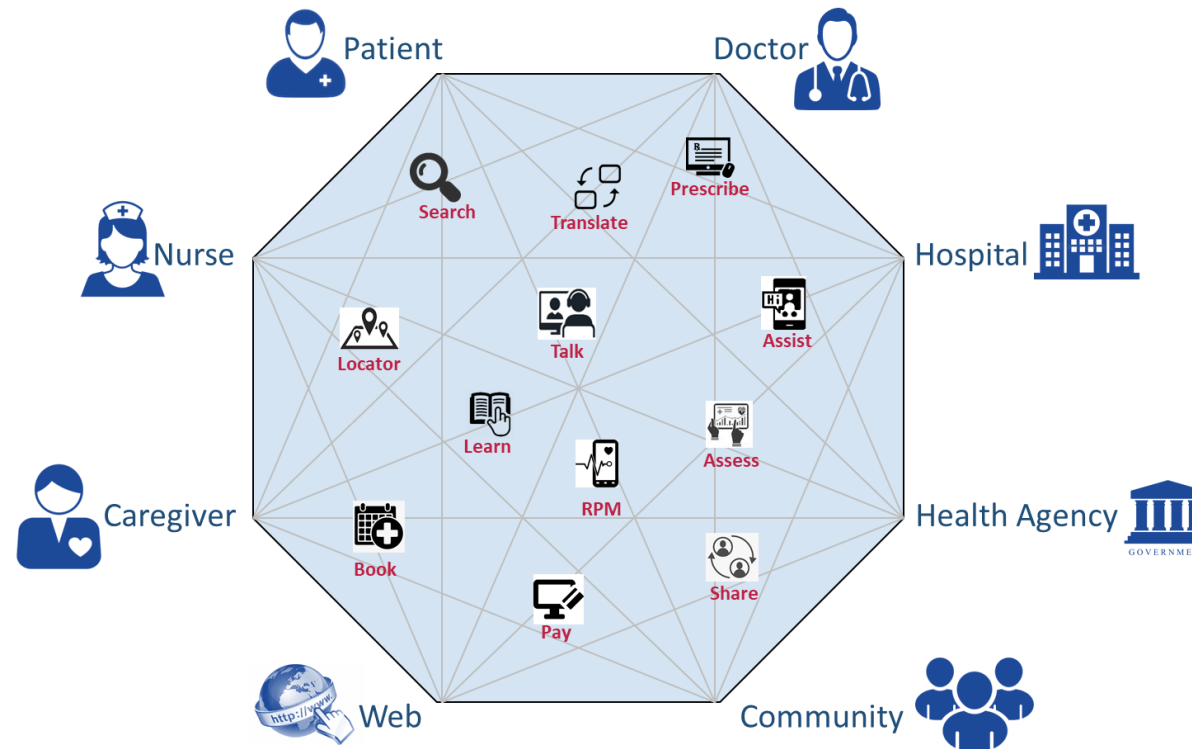
- Facilitates people's **access and comprehension of health information**
- Improves **connectivity and partnership** between people and care teams
- Enables **peer-to-peer** information sharing/care (collaborative doctor-patient relation)
- Leverages **digital options** to support **self-management** of personal health and wellness goals



Research: Digital Health Ecosystem for Person-enabled Health and Wellbeing

Realization of a **digital ecosystem of apps** for patient-enabled health and wellbeing that:

- helps people to comprehend, make informed decisions and self manage their health and wellbeing (**patient empowerment**)
- coordinates and aligns communication inside the healthcare system in relation to the person health objectives (**integrated communication model**)

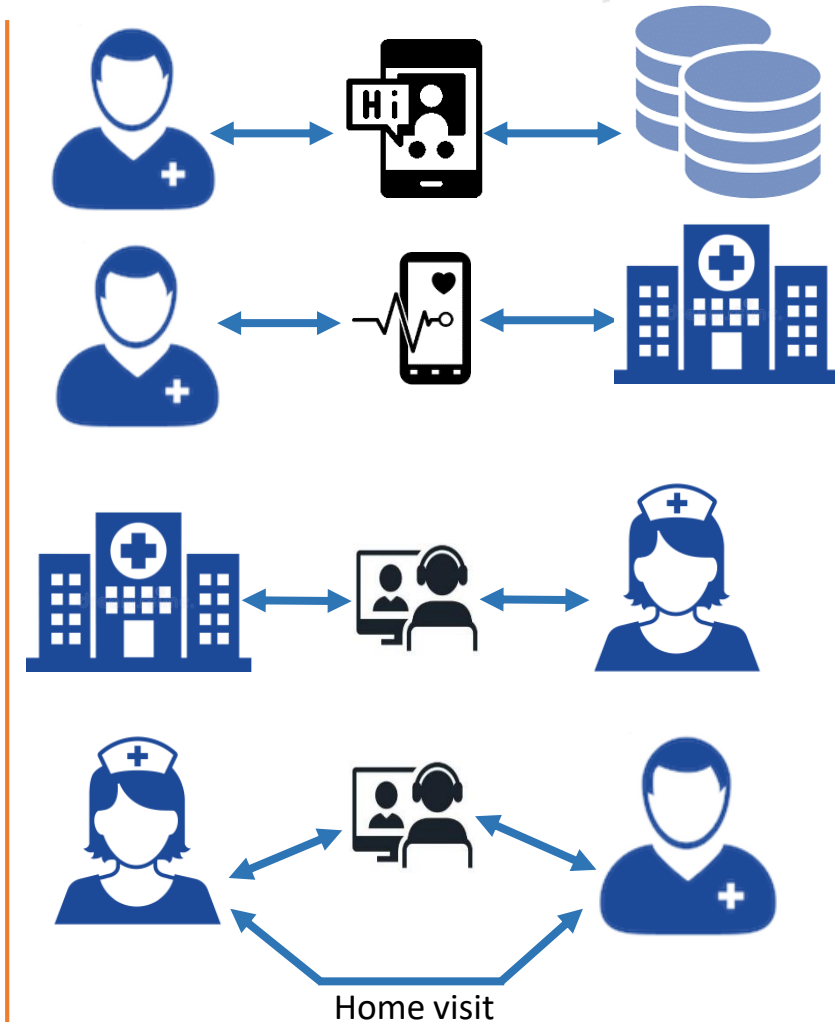
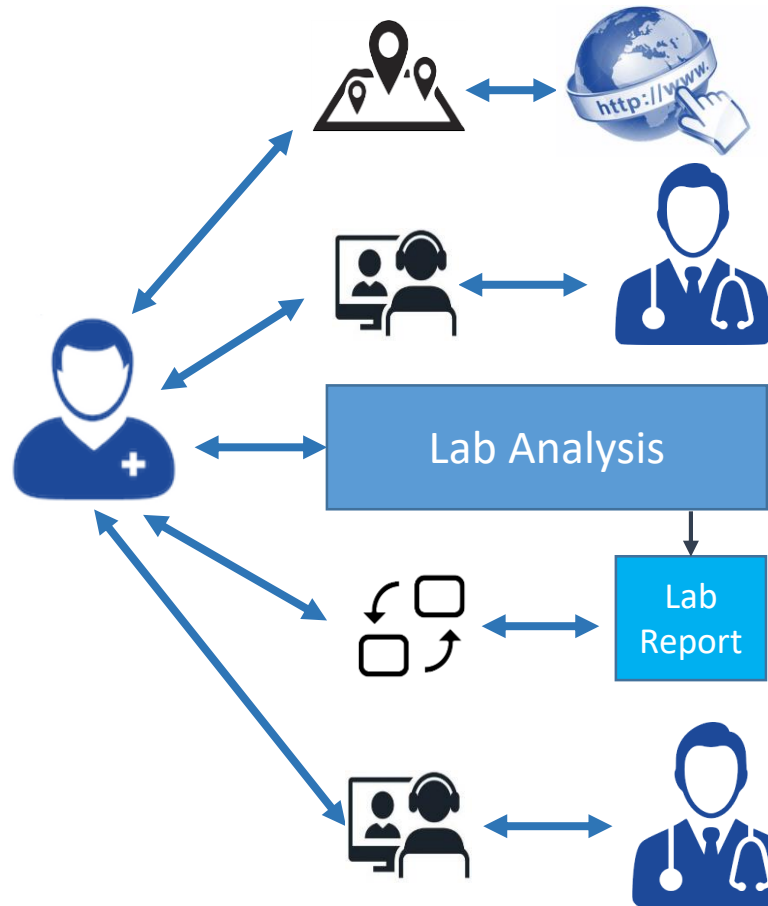
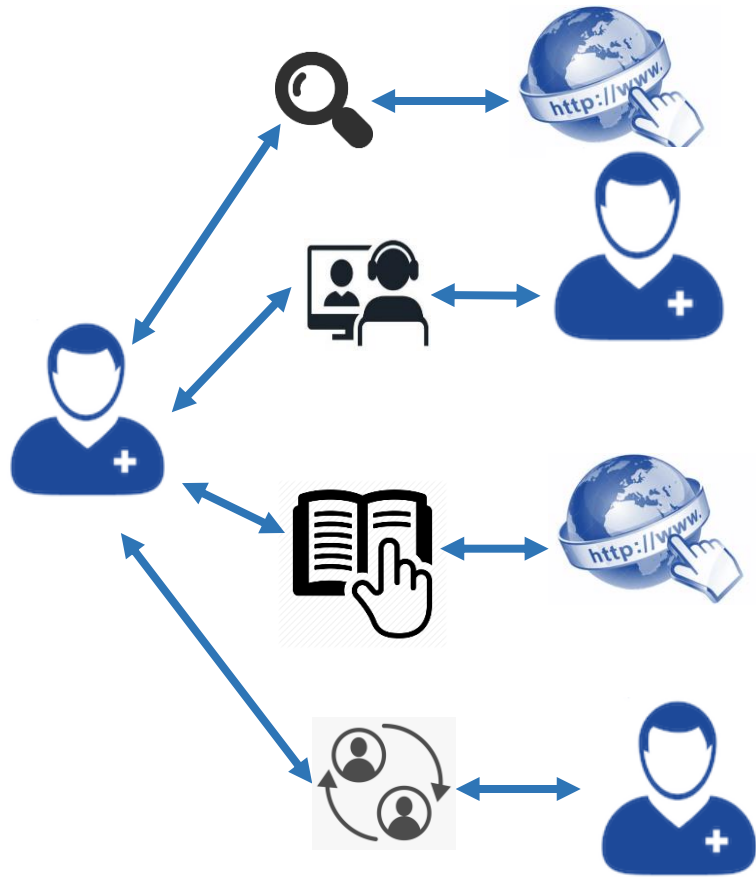


Use Case 1: Integrated Communication and Empowerment for Condition Treatment

Understand

Decide

Act

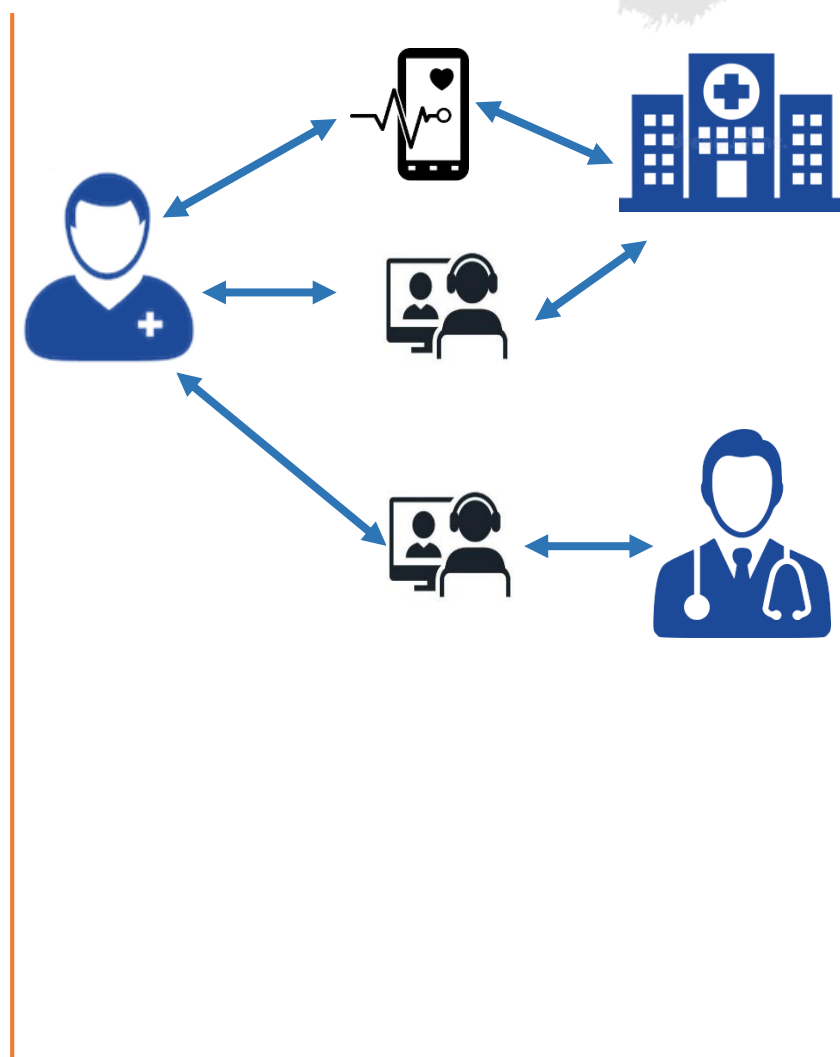
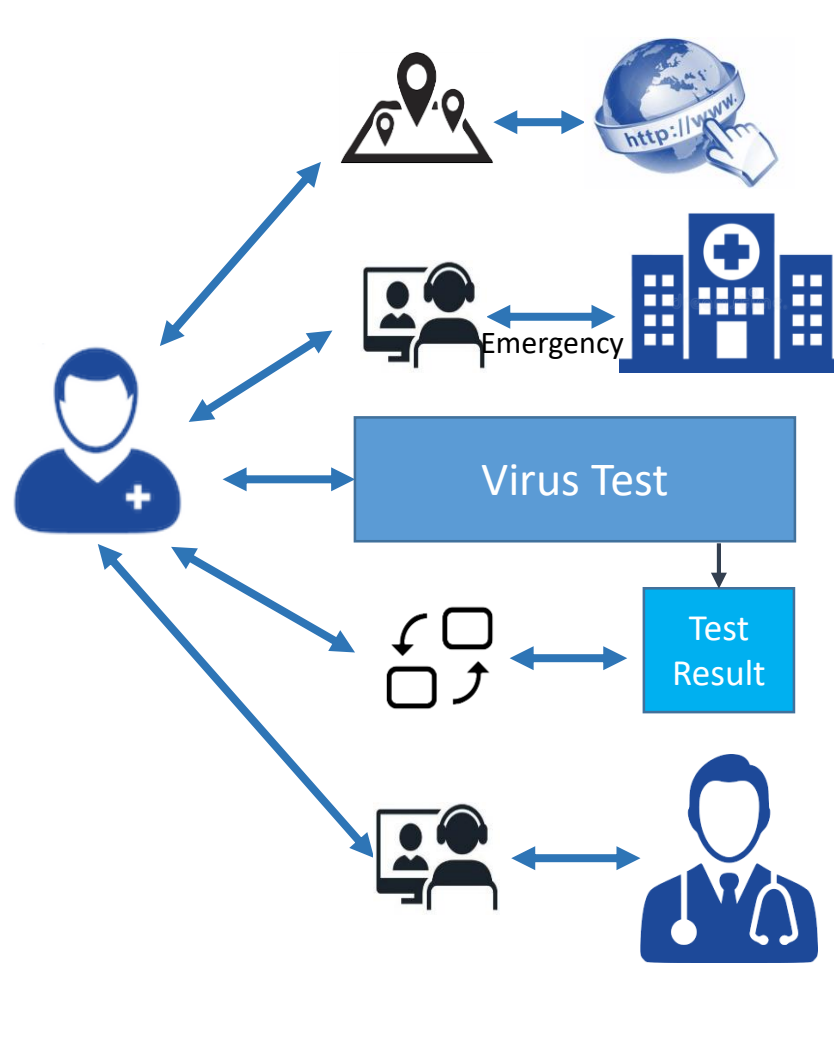
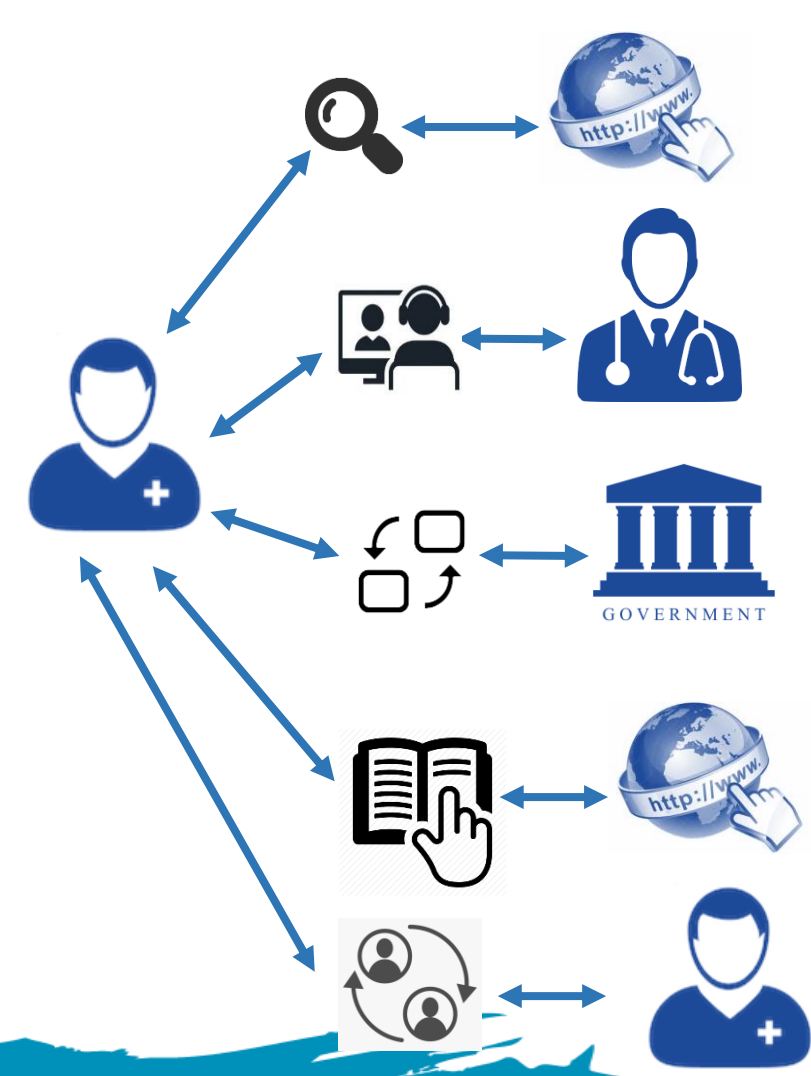


Use Case 2: Integrated Communication and Empowerment for Public Health

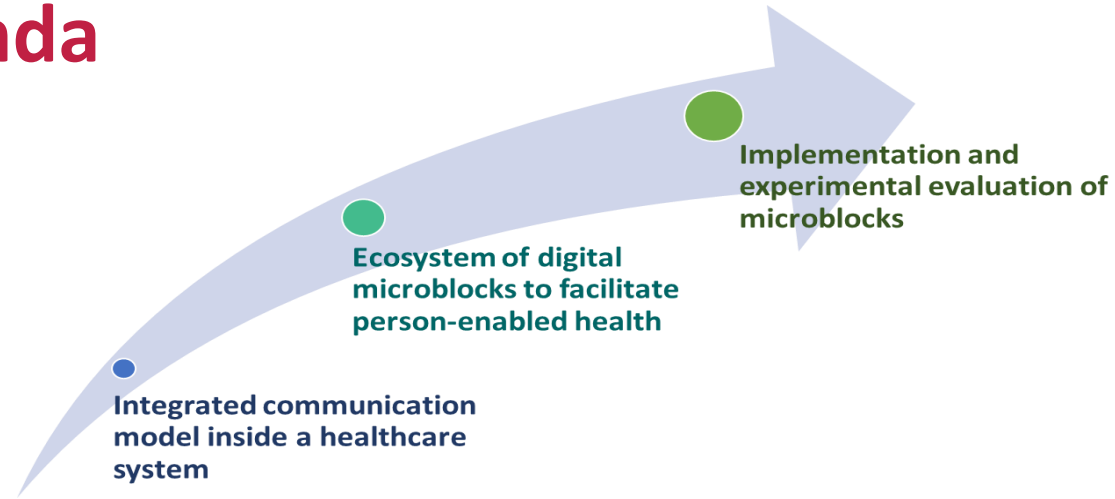
Understand

Decide

Act



Research Agenda



Activities

WP1: Analysis of current trends on person-enabled health and wellbeing

- Communication processes inside the healthcare system starting from person-doctor-web communication; Patient Empowerment
- Digital tools for health literacy, self-diagnosing and care self-management

WP2: Creation of an integrated communication model for tailored, aligned, and coordinated communication inside a healthcare system

WP3: Creation of an ecosystem of microblocks (search, translate, learn, assess, talk, assist,...) that facilitate person-enabled health (understand, decide, act) and comply with the integrated communication model

WP4: Implementation of microblocks by using existing apps or through new (agile) development by taking into account standards, interoperability and privacy

WP5: Experimental evaluation of the digital health ecosystem in terms of communication and empowerment levels through focus groups and randomized control trials in hospitals

WP6: Communication and Public Engagement with medical researchers, patient associations and charities



Acknowledgements

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