

# IHI Call Days | Call 9 | Topic 3

- Demonstrate the feasibility of people-centered, integrated healthcare solutions

## Hospital at Home:

## Digital Transformation for Integrated Care

**Lihui Pu**

Erasmus University Medical Center

[l.pu@erasmusmc.nl](mailto:l.pu@erasmusmc.nl)

Link to the IHI brokerage platform:

- Proposal sharing tool: [IHI Call Days - Call 9](#)
- Participant profile: [Lihui Pu | LinkedIn](#)

# Challenges and objectives

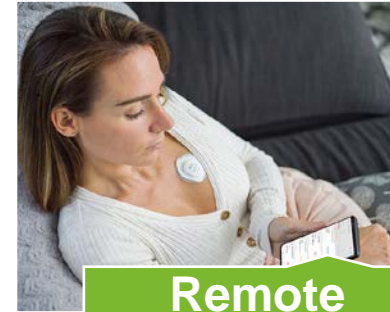
- Ageing population
- Shortage of resources and healthcare personnel
- The accessibility and quality of care is threatened



**Objectives:** Extending care beyond hospital walls through digital solutions and providing person-centered care through PROMs & PREMs

# Approach to solve the problem

- **Development of digital care solutions**
  - Remote monitoring & video consultations
  - Enhancing patient-centered care
- **Change Management**
  - Embedding digital practices into healthcare routines
  - Fostering cultural and organizational change
- **Better Patient Outcomes**
  - Personalized care through PROMs & PREMs



Remote  
Monitoring



Video  
Consultations

# Alignment with IHI Objectives

- **Alignment with Specific Objectives**

- Objectives 3 & 4: Integrated, people-centered care & digitalization

- **Scalability & Feasibility**

- Developing a model adaptable to diverse European healthcare systems

- **Supporting EU Goals**

- Efficiency, accessibility, and innovation in healthcare delivery

# Outcomes and Impact



- **Efficiency in Care Processes**

- 20% reduction in hospital admissions for chronic patients
- Cost reduction through remote care and decreased hospital stays

- **Improved Patient Experience**

- 15% increase in patient experience (PROMs) and satisfaction (PREMs)
- 30% rise in patient self-management with digital tools

- **Innovative Use of AI & Digital Tools**

- AI-supported remote monitoring
- Interoperable data systems for enhanced care coordination

# Expected Contribution to European Healthcare

- **Enhanced Accessibility**

- Bringing care to the home setting for better patient access
- Reduced burden on hospital infrastructure

- **Sustainability in Care**

- Long-term cost savings and improved resource allocation
- Aligning with demographic shifts and aging populations

- **Strengthening EU's Digital Leadership**

- Positioning Europe as a leader in digital healthcare solutions

# Expertise and Resources

- **We have**

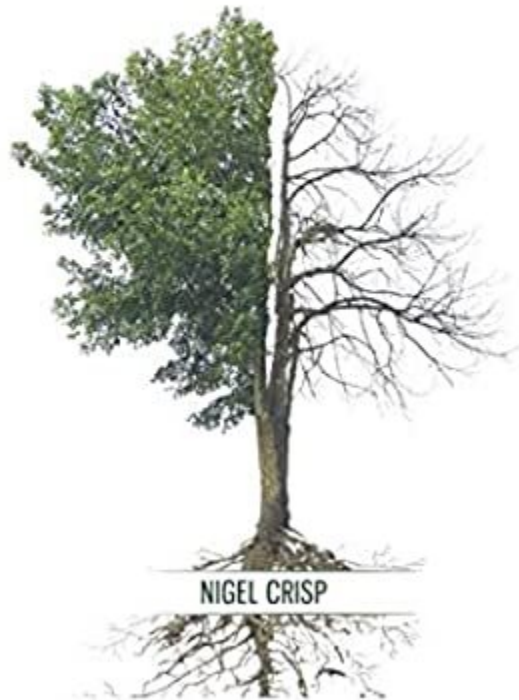
- **EUHA Collaboration** European University Hospital Alliance
- **Partners:** Three academic hospitals in Sweden, Denmark, and the Netherlands
- **Industry partner:** [Ytec](#)

- **We are looking for**

- **Industry partners** for collaboration with cash and/or in-kind contributions

# Towards a Future-Ready Healthcare System

**HEALTH IS MADE AT HOME** | **HOSPITALS ARE FOR REPAIRS**  
BUILDING A HEALTHY AND HEALTH-CREATING SOCIETY



- **Our Vision:** A European model for digital, patient-centered care
- **Supporting the IHI Mission:** Innovation and integration of digital solutions in healthcare
- **Next Steps:** Scaling Hospital at Home to enhance care delivery across Europe