AIIC 2024 AWARDS

A PATIENT EMPOWERMENT FRAMEWORK FOR INTEGRATED HEALTHCARE MANAGEMENT PROGRAMS OF DIABETES IN THE DIGITAL ERA

UNIVERSIDAD POLITÉCNICA DE MADRID
Life Supporting Technologies Research Group

POLITÉCNICA
LifeSTech

AIIC associazione italiana ingegneri clinici

Il gruppo di lavoro

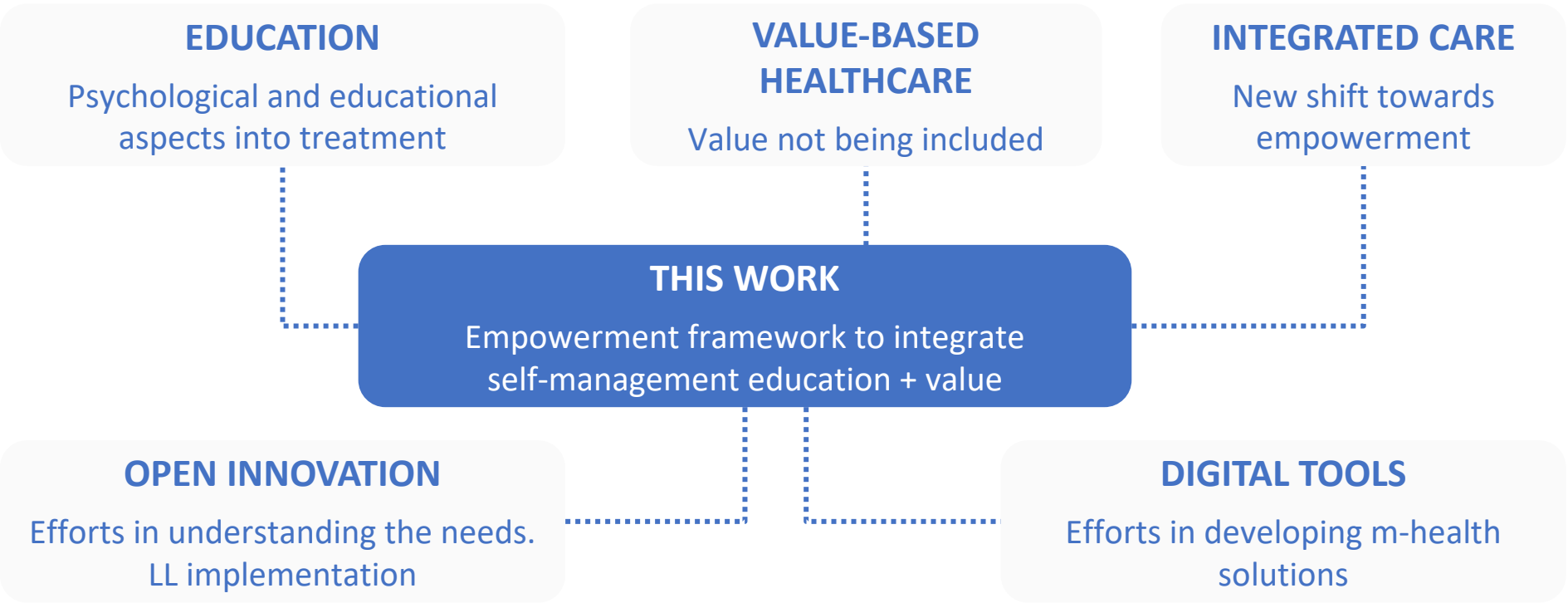
LifeSTech

Life Supporting Technologies (LifeSTech) is a research, development and innovation group, belonging to the Universidad Politécnica de Madrid (UPM) and dedicated to design, development and evaluation of services and applications based on ICT (Information and Communication Technologies), in order to create and promote new ideas, methods and technological solutions in every aspect of the value chain of organization.

POLITÉCNICA

The **UPM**, is one of the largest universities in Europe. UPM conducts leading technological research in multiple fields. We are one of the largest e-Health research centers in Spain and maintain partnerships within the public and private sectors in the areas of research and development.

Descrizione



Obiettivi e destinatari del lavoro

1. To **understand, explore and define** the **existing gaps** to extract knowledge on how digital tools can contribute to improving the empowerment of diabetic patients

2. **To understand the stakeholder needs towards the inclusion of digital tools** as part of the patient empowerment approach

3. **To design of a collaborative framework** to offer digital interventions to diabetic type 1 patients, promoting empowerment.

4. **To verify the proposed framework** through a case study and a socio-economic analysis

Risultati

1. The extraction of missed opportunities in the development of digital educational solutions for patients with type 1 diabetes.
2. The identification and formulation of needs structured in four levels (i.e., patient, professionals, organisations and industry) allowing a holistic view of the whole ecosystem, including the Living Lab approach.
3. A new logical framework for assessing the empowerment of patients with type 1 diabetes.
4. A new way to implement an empowerment framework in real settings that fosters communication between actors and it is based on value share.

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Beatriz Merino
bmerino@lst.tfo.upm.es
PostDoc researcher

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