

Madrid, June 25, 2024

The IMPROVE Project Puts Patient-Generated Health Data On Focus

The IMPROVE project aims to make digital healthcare more efficient by using Patient Generated Health Data central in the analyses of newly developed treatments and solutions. Health care systems in the EU region have become increasingly digital. In addition, medical doctors, pharmacists, researchers, politicians, and other experts in the healthcare sector use and exchange a large number of patient-related health data to make better decisions and use the most effective treatment possible. Nonetheless, the quality of the data exchange is not sufficient due to a lack of standards and efficient ways of using Patient Generated Health Data. Workflows and operating procedures are often not efficient which leads to problems in decision-making processes and patient treatments. Additionally, this increases the costs of health services. The IMPROVE team will develop a platform where certain concepts of gathering and exchanging Patient Generated Health Data will be developed and tested in hospitals in different health areas.

During the first conceptualization phase of the project, research and policy papers will be analyzed using AI-based software, establishing the state-of-the-art of (scientific) research on the effective use of Patient Generated Health Data. In the second phase, the platform requirements will be defined in extensive collaboration with patients, healthcare professionals, researchers, policymakers, citizens, associations, and service providers. The user-centered design approach that IMPROVE will use, considers the understanding that all kinds of sustainable development processes need the inclusion of relevant stakeholders from the early beginning of a project like IMPROVE. After a detailed analysis of historical data from several consortium partners, case studies in the fields of oncology, ophthalmology, cardiovascular and neurology will be executed to collect relevant insights. The outcomes from these case studies will support the successful implementation of the IMPROVE platform.

IMPROVE is a project supported by the Innovative Health Initiative Joint Undertaking (IHI JU) under grant agreement No. 101132847.

The JU receives support from the European Union's Horizon Europe research and innovation program and COCIR, EFPIA, and MedTech Europe, Vaccines Europe. The contributing partners are Universidad Politecnica de Madrid (Spain), PredictBy (Spain), Danish Medicine Agency (Belgium), Roche (Switzerland), Institute for Economic Research (Slovenia), Copenhagen Institute for Futures Studies (Denmark), Fundació Institut d'Investigació Biomèdica de Bellvitge (Spain), Philips Medical System Nederland BV (The Netherlands), Heinrich-Heine-Universitaet Duesseldorf (Germany), Tilburg University (The Netherlands), Dedalus (Italy), Fondazione Italiana Sclerosi Multipla Fism Onlus (Italy), AReSS Puglia (Italy), MultiMed (Italy), iserundschmidt GmbH (Germany), Better (Slovenia), The Netherlands Cancer Institute (The Netherlands), University of Applied Sciences St. Pölten (Austria), Eye Hospital, University Medical Centre Ljubljana (Slovenia), Utrecht University (The Netherlands), UDG Alliance (Switzerland), Medtronic Iberica SA (Spain), Fundacio Hospital Universitari Vall D'Hebron – Institut de Recerca (VHIR), Splosna Bolnisnica Celje (Slovenia), ORTOPEDSKA BOLNIŠNICA VALDOLTRA (Slovenia), ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS (Greece).



Contacts:

Giuseppe Fico
Project Coordinator
coordinator@lst.tfo.upm.es

Universidad Politécnica de Madrid
ETSI Telecomunicación, Avenida Complutense 30, 28040, Madrid, Spain

Project Website: <https://www.ihl-improve.eu/>

Social Media:

LinkedIn: <https://www.linkedin.com/showcase/ihl-improve/>

X: https://x.com/ihl_improve