

INTEGRA

Co-creation of an INnovative Telerehabilitation Ecosystem accessible on a GRAnd scale to persons with disabilities living in the community

ABSTRACT

Telerehabilitation (TR) is a promising opportunity to address unmet rehabilitation needs of persons with disability living in the community, but its uptake in the EU remains hindered by infrastructural, regulatory, technological and socio-cultural barriers. INTEGRA aims to strengthen the primary and community care (PCC) system of EU citizens, by co-creating a scalable TR ecosystem, that incorporates a benchmarking of best practices by a multidimensional EU knowledge base, analysis of patient's journey in different local ecosystems, stakeholder engagement, service modeling and sustainable technologies. The Consortium encompasses 7 partners in 5 Countries, with complementary expertise, to map and address diverse barriers to TR uptake across the EU. While TR will be co-created as a stand-alone service in SPAIN and ROMANIA, or integrated to the existing public telemedicine service in ITALY, using a TR platform developed by the leading partner (MAIA, ITALY), in THE NETHERLANDS, INTEGRA solutions will complement the existing TR platform (Telerevalidatie). Co-created local ecosystems will be pilot tested in 4 Countries, recruiting 240 individuals overall: 160 persons with disability (80 chronic Low Back Pain, 40 stroke and 40 Parkinson's Disease), 40 formal, 40 informal caregivers. INTEGRA will significantly enhance healthcare delivery by introducing a benchmarked, user-centered, scalable TR ecosystem, to address disparities in access to rehabilitation, particularly in rural and underserved communities. The developed knowledge base will allow analysis and promote the interchange of best practices, contributing to a leveling of the quality of care in TR services across the EU. Persons with disability are expected to benefit from INTEGRA, in functioning, participation and quality of life (QoL) and in QoL of their caregivers. Ultimately, INTEGRA is expected to strengthen PCC, contributing to effective and efficient responses to currently unmet rehabilitation needs.

KEYWORDS

- Telerehabilitation
- Digital Health
- Digital Therapeutics
- Continuum of care
- People-centred care
- Accessible care
- Innovation adoption

DURATION

36 months

PARTNERS

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