

niCE-life

Development of an integrated concept for the deployment of innovative technologies allowing independent living of frail elderly



MAIN OBJECTIVES

- To reinforce capacity and skills development of public authorities and caregivers in response to demographic changes
- To prevent frailty and foster social integration and independent living of elderly persons
- To create new support infrastructure, treatment/care models, practices and services to enhance quality of care and assistance continuity

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Bringing together competences and skills of transnational partner institutions to foster social inclusion and care coordination of frail elderly



Project partners

- Petržalka Municipal District of Bratislava - the Capital of Slovakia (Lead partner)
- Brno University of Technology, CZ
- The University Hospital Olomouc, CZ
- Slovak University of Technology in Bratislava, SK
- LEPIDA SCPA, IT
- Local Health Authority of Bologna, IT
- Institute for elderly care and shelter, IT
- Samaritan Burgenland, Department of Home Care, AT
- The City of Warsaw, PL
- National Institute of Public Health, SI

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“ The developed innovative tools by the technical partners were based on the needs of caregivers and patients. Their pilot testing was held in social and care centers and hospitals in Austria, the Czech Republic, Italy, Poland and Slovakia while taking into account national health and social care systems and local conditions. ”

TOOLS DEVELOPED

- Intelligent monitoring tool (O.T2.1.1)
- AP-NURSE monitoring tool (O.T2.2.1)
- Advanced GPS-based tracking tool (O.T2.3.1)
- YouBos Platform – Digital monitor tool for preventing cognitive decline (O.T2.4.1)
- Monitoring Grid (O.T2.5.1)
- Methods of care of frailty patients discharged from hospitals (O.T2.6.1)

BENEFITS

- Provision of continuous data for a health progress evaluation and decreasing the stress level of stress of caregiving staff
- Increase of the quality of the caregiving services by utilizing smart assistance.
- Contribution to minimisation of consequences of harmful events by monitoring of the patient's living environment
- Improvement of the quality of life of vulnerable elderly persons
- Timely intervention (treatment) of patients thanks to the remote, easy-to-use and early diagnosis of sleep disorders
- Reduction of costs related to the management of diseases associated with sleep alterations
- Reduction of the risk of social isolation and digital divide of frail elderly
- Better access to the services available in the local contexts thanks to the improvement of digital competences of the frail elderly.

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