

OUTPUT FACT SHEET

Pilot actions (including investment, if applicable)

Version 3

Project index number and acronym	niCE-life CE1581
Output number and title	Output O.T3.7 Pilot testing of care methods of frail persons discharged from hospitals in Olomouc
Investment number and title (if applicable)	N/A
Responsible partner (PP name and number)	UHO - PP3
Project website	https://www.interreg-central.eu/Content.Node/niCE-life.html
Delivery date	2/2022
Summary description of the pilot action (including investment, if applicable) explaining its experimental nature, demonstration character and transnational added value	

The ageing of the population and the increasing number of seniors who will need support with daily activities so that they can remain in their home environment and, on the other hand, the lack of human and financial resources for this care brings concerns to society, but these can be reduced by applying ICT tools to care. Integration of care, especially in countries such as the Czech Republic where health and social care are strongly separated, can also help to address the lack of financial and human resources.

As part of the project we have developed a simple solution which we have tested in this work package. The aim was to find out whether frail elderly people would be willing to work with technology and also how healthcare professionals on both sides of the process of organising and implementing home healthcare for people discharged from hospital would approach this solution. During the testing process, we also gradually modified the application to maximize time savings for physicians.

During the pilot, we worked with ten patients, their attending physicians, and their professional home care nurses. The general experience was that patients do not want to take responsibility for organising their care, so they are happy to hand over this responsibility to their relatives or hospital staff. On the other hand, the health professionals were happy to work with the tool without any problems.

Another objective, an added value, was to outline the possibilities of integrated care in the conditions of the Czech Republic to health professionals and to demonstrate practically what benefits this integration of care would bring.

The pilot was to be carried out in cooperation with the lead partner of the project, who was to test our tool in the conditions of the Slovak Republic in Bratislava. We provided this partner with all the prerequisites to use our tool, trained the GP they were working with in its use and solved her technical difficulties, but we never received any report from the partner on the pilot implementation or data to work with. So we had no choice but to work only with the results obtained in the testing at the hospital in Olomouc.

NUTS region(s) concerned by the pilot action (relevant NUTS level)

The Care for Frail was developed at the University Hospital Olomouc (CZ071 NUTS level 3).

It was tested and implemented at the following sites:

- University Hospital Olomouc (CZ071 NUTS level 3)

Investment costs (EUR), if applicable

N/A

Expected impact and benefits of the pilot action for the concerned territory and target groups and leverage of additional funds (if applicable)

The **expected result** of the pilot action is whether the Care for Frail is accepted by the special group of patients - frail elderly and also if it is a functional solution for professionals - saves them time by easing the administrative burden.

The **following (person) groups benefit in particular** from the implementation of the Monitoring Grid:

- *Politics, society:* Relief of the health system from administrative burden
- *Elderlies:* their care is organised remotely, eliminating the need to visit a doctor and home care agency with paper documents
- *Doctors/ Professionals/ Follow-up treatments:* their administrative burden is reduced and they have more time for professional work.

So far, the pilot action has not yet led to an **uptake at policy or institutional level**. The next step will be to develop a local action plan, which, among other things, should also contain steps for a possible implementation in Olomouc region or Czech Republic. This will be presented to important representatives of politics in the course of the trainings and thematic meetings.

Sustainability of the pilot action results and transferability to other territories and stakeholders

The Care for Frail is a web application, which after translation in the respective language and adaptation to legal and social conditions, can be easily **transferred to other territories**, due to its ease of use.

If applicable, contribution to/ compliance with:

- relevant regulatory requirements
- sustainable development - environmental effects. In case of risk of negative effects, mitigation measures introduced
- horizontal principles such as equal opportunities and non-discrimination

The pilot action has a major impact on the sustainability of the Care for Frail. The tool has already been improved thanks to it during the testing phase and we have been able to resolve situations that are very likely to arise when the tool is extended.

References to relevant deliverables (e.g. pilot action report, studies), investment factsheet and web-links

If applicable, additional documentation, pictures or images to be provided as annex

The main relevant project deliverables, which contributed to the output, are:

- D.T3.8.1 Design of the pilot action in Olomouc
- D.T3.8.2 Engagement of test persons and consideration of legal aspects
- D.T3.8.3 Report from briefing and training of test persons, home care givers and nurses
- D.T3.8.4 Installation and testing of technical devices and applications
- D.T3.8.5 Collection of feedback from test and support persons in Olomouc and exchange with Bratislava
- D.T3.8.6 Summary report from the pilot action in Olomouc