

Health Sciences Research Unit: Nursing



DigiNurse

LEARNING ICT SUPPORTED NURSING FOR SELF-MANAGEMENT OF PATIENTS (DIGINURSE PROJECT)



Project Statement

A new approach in health care is needed to effectively face the growing demand for tailor-made and patient-centered care in the coming years, by providing smarter care, from a distance (online or digital), with more focus on prevention and early detection as well as treatment compliance.

The challenge will be to provide more and better quality care within the same resources, as people are growing older and are developing more chronic illnesses. As such, a patient becomes co-pilot in the management of his chronic illnesses and needs to be supported by his health care team.



Recent developments in Information and Communications Technologies (ICTs) allow nurses to change current practices and strive for more integrated, personalized and in real-time patient care.

However, higher education institutions in nursing need to integrate the smart use of these new technologies into their curriculum, so that students will be future-proof and ambassadors of self-management support.

Project Goals

- To develop the DigiNurse Model for patients' self-management of chronic conditions;
- To educate students, teachers, health care professionals, students' mentors, clients/patients, representatives of the third sector for the utilisation of the DigiNurse Model;
- To collaborate with national technological enterprises;
- To enhance the participants' cooperation and network.

Impact on society

Recently, ICTs have rapidly transformed and progressed to the point of being considered an integral part of our daily lives. Therefore curriculum, learning objectives, course contents, teaching and learning methods in nursing education need to be evaluated, updated and reconstructed.

Therefore, the DigiNurse project aims to better prepare students for the enormous changes that are to happen in health care, by taking up an active role in the coordination of care for citizens with complex and chronic care demands.

To achieve this, the project will determine an optimal digital learning path for students throughout their education, in a process that intends to emphasize and reinforce the role of ICTs as a tool in the planning, implementation and evaluation of nursing care.



The Project Consortium - Transnational meeting held at the Nursing School of Coimbra (Portugal), in May 2018.

Project Intellectual Outputs

DigiNurse Model

The DigiNurse Model will offer a lacking concept for the need in learning digital skills in nursing, aiming to potentiate the coaching of patients' self-management with chronic conditions.

To achieve this, a set of practical guidelines on how to use the DigiNurse Model in nursing education will be developed and disseminated.

DigiNurse Guidelines

DigiNurse Community

Likewise, the creation of the DigiNurse Community will enable the nursing educators and experts in this thematic area to engage with the model, interact between each other and spread new ideas and digital innovations in the nursing field.

Consortium



Nursing School of Coimbra - Portugal



Funding entities



Nursing School of Coimbra - Portugal

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FCT Fundação para a Ciência e a Tecnologia