The

ClinicalWoundSupport

project has as main objective the investigation, development and validation of a management support and clinical decision/action support solution for wound monitoring and treatment.

Head Office
Tel. (+351) 253 250 300
E-mail: contacto@f3m.pt

Lisbon Branch
Tel. (+351) 213 636 271
E-mail: info@f3m.pt

www.f3m.pt

JUN'2023

Consortium:

F3M Fraunhofer PORTUGAL Universidade Católica Portuguesa Porto

Co-founded by:

COMPETE 2020 Programa Operacional Competitividade e Internacionalização

Lisb@20[20]

PORTUGAL 2020

União Europeia Fundos Europeus Estruturais e de Investimento

CWS

Clinical Wound Support

Project phases

1. Analysis of the state of the art and **identification of the needs of those involved in the process in order to define the requirements of the solution.**

2. Development of different functionalities such as **the tool for capturing images of wounds and dressings to speed** up the wound registration process, **algorithms for the semi-automatic determination of wound properties**, namely the different types of tissues and **decision trees built to support wound monitoring and treatment and alerting systems** based on the above information.

3. Development of technological solutions, **mobile application for recording, semi-automatic assessment and monitoring of wounds and dressings, and a web platform to help manage resources.**

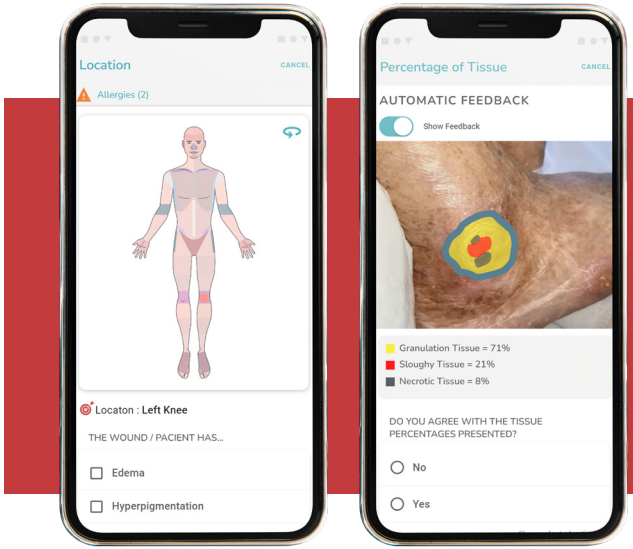
4. Preparation of **tests and trials for the validation of the solution** in the relevant environment.

Clinical Wound Support

The solution is intended for two types of users:

The mobile application for healthcare providers in the field of wounds, capable of capturing the image of the wound, integrating differentiated clinical information of the same that allows to increase the effectiveness of the monitoring and improve the reliability its characterization, as well as support in the selection of the appropriate therapeutic intervention;

The web platform for health unit managers, responsible for integrating the data acquired in terms of the evolution of wounds according to the therapeutic interventions carried out, to enable the identification of the most promising options in terms of effectiveness and management costs.



Consortium:

F3M · Fraunhofer PORTUGAL · Universidade Católica Portuguesa Porto