

4NOPRESSURE - DEVELOPMENT OF SMART CLOTHING FOR PRESSURE ULCER PREVENTION

PROJECT TOTAL DURATION

36 MONTHS (01.04.2020 — 01.04.2023)

PROJECT TOTAL GRANT

€ 1 365 857,24

ESENFEC PROJECT GRANT

€ 236 166,62

COFUNDING

CO-PROMOTION R&D PROJECTS, INTERFACE PROGRAMME

75% CO-FUNDED BY FEDER

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UNIÃO EUROPEIA
Fundo Europeu
de Desenvolvimento Regional

PRIORITY RESEARCH TOPIC

INNOVATION IN NURSING CARE TECHNOLOGY

PROJECT OBJECTIVE

THE 4NOPRESSURE PROJECT PROPOSES THE DEVELOPMENT OF A NEW TYPE OF SMART CLOTHING FOR BEDRIDDEN OR SEVERELY DISABLED PATIENTS IN A HOSPITAL AND HOME ENVIRONMENT, CAPABLE OF: 1) REDUCING THE CLINICAL CONDITION OCCURRENCE OF PRESSURE ULCERS (PU), IN TERMS OF PREVENTION AND THERAPEUTIC ACTION; 2) PREVENT THE OCCURRENCE OF INFECTIONS, WHICH RESULT FROM THE CONDITION OF THE PU; 3) MONITOR THE STATUS OF PATIENTS AT HIGH RISK OF DEVELOPING PU IN A HOSPITAL ENVIRONMENT; AND 4) IMPROVE THE PATIENT'S QUALITY OF LIFE.

APPLICANT ORGANIZATION

_ UNIVERSITY OF MINHO

PARTICIPATING ORGANIZATIONS

_ INTERNATIONAL IBERIAN NANOTECHNOLOGY LABORATORY (INL)

_ UICISA: E/NURSING SCHOOL OF COIMBRA (ESENFEC) (RESEARCHERS: ANABELA OLIVEIRA; PEDRO PARREIRA; JOÃO APÓSTOLO)

_ IMPETUS PORTUGAL — TÊXTEIS, S. A. (IMPETUS)



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