

Better Health and Care Session

ELDERLY MULTIMORBID PATIENT TRACKING AND MONITORING SYSTEM

Melike Oya Kader

Sun Tekstil San ve Tic AŞ

- Sun Tekstil San. ve Tic. A.Ş.; Large Company
- Izmir, Turkey
- Sun Tekstil R&D Center
 - Medical Technical Textiles: E-Textiles, Medical Mattresses and Cushions, Medical Workwears, Orthopedic Support Materials
 - Design Solutions: Techwear, Palliative Wear, Textile Solutions for People with Special Medical Conditions
- 2017-2018: 4 H2020 applications, 2 proposal above treshold

Our project idea



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ICT and/or AI supported elderly multimorbid patient tracking and monitoring system or platform

- SC1-BHC-24-2020: Healthcare interventions for the management of the elderly multimorbid patient
- Safe, user friendly, simple, affordable and efficient system (as invisible as possible)

Sensor – data gathering – data analysis – response or alarm

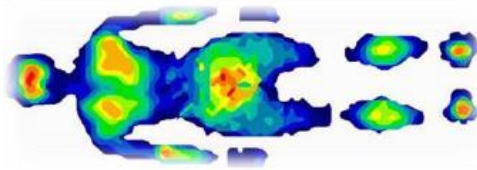
- Partners sought:
 - Experienced coordinator
 - Universities, hospitals, care centers, NPOs for Needs and Pain Point Analysis and Prototype Validation
 - ICT and AI developers and institutes for data gathering, data processing, server development and application
 - Wearable electronics manufacturers for data gathering
 - Experts for ethics and dissemination & exploitation

Our expertise

SC1-BHC-24-2020: Healthcare interventions for the management of the elderly multimorbid patient

DT-ICT-12-2020: AI for the smart hospital of the future

Medical and E-textiles: Sensor integrated mattresses and cushions, sensor or wearable electronic integrated garments or garment parts, orthopedic support products (awake or sleep)



Our expertise

SC1-BHC-24-2020: Healthcare interventions for the management of the elderly multimorbid patient

DT-ICT-12-2020: AI for the smart hospital of the future

Design and Garment Production for Better and Easy Care: Palliative wear, garments for geriatry patients



Our Research Interests



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MEDICAL

E-Textiles for Medical Purposes

Medical Mattresses

Medical Cushions

Surgical Gowns and Medical

Workwears

Orthopedic Support Materials



INNOVATIVE DESIGN

Techwear

Medical garments for Patients and Medical

Workers

Sportswear

Palliative Wear

Textile Solutions for People with Disabilities

Functional Design Solutions for Fast Fashion

Technical Textile Applications in Fashion

Contact details



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