

eVIDA 4.0

Smart and connected health and wellbeing

About us

We are a research group within the **University of Deusto** Engineering Faculty, is an experienced, dynamic and diverse team of telecommunications, electronics and software engineers, physicists, mathematicians and psychologists.

Founded in 2002, the group is committed to **research on and development of ICT-based tools, systems and interventions for psychological, social and physical health**. Over the last decade, eVida have established close working relationships with key local stakeholders including hospitals, charities, other research groups and ICT companies.



DIAGNOSTIC AID, TREATMENT AND MONITORING

HEALTH

Signal Monitoring

- Cardiology
- Sarcopenia
- Psychiatry
- Oncology

People with the need for monitoring

Medical image processing

- Dermatology
- Histology
- Oncology
- Nursing
- Radiology

Patients with Melanoma and Cancer
Pressure ulcers

Artificial Intelligence and Quantum Computing

- Any speciality
- Quantum Machine Learning

Classification
Clustering Natural Language
Processing

fMRI & EEG

- Neurophysio
- Neurology
- Radiology

Patients with epilepsy
Neurodevelopmental disorders

Recent projects 2023



HealthTEK

Duration: 3 Years Year(s) | Status: On development

Gamified immersion, flipped learning, internationalization at home and personalized learning. The proposal focuses on developing a "virtual campus" that includes a set of "Life and Health Sciences and Technologies" courses aimed at biomedical engineers and medicine students.

smartJAN

Duration: 3 Year(s) | Status: On development

Technological solution for the detection and monitoring of food quality for people with intolerances, allergies or risk of food poisoning.

Participants: Kernet Internet y Nuevas Tecnologías S.L, Miranda Foundation and University of Deusto

WEARIA

Duration: 3 Year(s) | Status: On development

Intelligent diagnostic approach to sleep apnea syndrome through artificial intelligence and wearable devices.

Participants: BTI Biotechnology Institute, Data Value Management. IHS and University of Deusto

WELL-BEING

TECHNOLOGY AT THE SERVICE OF SOCIETY

Our contribution to The Sustainable Development Goals and United Nations 2030 Agenda



Services for mobile devices

Location and alarm systems with mobile devices

Older people
Functional diversity

Telerehabilitation

- Physical
- Cardiology
- Cognitive
- Psychiatry

Neurodegenerative diseases
Medular diseases

Physical Activity and Sports

- Gesture recognition
- MusculoSkeletal modeling
- Nutrition

Athletes
Elderly
Society

Computer Games for health and wellbeing

- Rehabilitation
- Healthy life
- Older people

People with disabilities
Children with Dyslexia

Contact/Where to find us

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