ICTürkiye2025
10 April, İstanbul

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Digital & Smart Health

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Description of the Organisation

Neuro-rehabilitation
Advanced programs to improve motor, communication, and behavioral functions in neurological patients

Clinical Research
Development of innovative, non-invasive therapies using **robotics, virtual reality, and advanced technologies**.

Patient Care & Recovery
Personalized treatments to enhance mobility, speech, and quality of life through cutting-edge rehabilitation approaches.

Teams' Expertise

- Co-design
- Responsible research innovation
- Opem science practices
- Telemedicine
- eHealth

- Healthcare innovation, VR, robotics
- Cognitive rehabilitation, executive functions
- Neurodegeneration, Parkinson's disease

Research Fields

Neural Bases of Behavior

Neuro-Oncological Rehabilitation

Innovative Technologies and
Methods in Neurorehabilitation

Diagnostic and Prognostic
Biomarkers

On-going Projects

- **Integrating AI in Stroke Neurorehabilitation**
- **Hospital Smart development based on AI**
- Role of the gut-microbiota on ageing and neurodegeneration
- Unravelling the role of astrocyte-mediated phagocytosis in brain tumors
- Assessment and modulation of cortical gamma synchrony to predict and improve stroke recovery
- Eye-movement dynamics during free viewing as biomarker for assessment of visuospatial functions and for closed-loop rehabilitation in stroke
- Behavioral and neurobiological diagnostic and prognostic markers of post-stroke aphasia

Project Idea

Call Topic: Implementation research addressing strategies to strengthen health systems for equitable high-quality care and health outcomes in the context of non-communicable disease

Deadline Dates: 18 September 2025

- ❑ **Objectives:**
  - ❑ **integration of and access to care, screening, access to medicines and technologies, task shifting and digital health interventions;**
  - ❑ **implementing equity-oriented interventions for transformation and/or strengthening of health systems**

Project Idea

Call Topic: Implementation research addressing strategies to strengthen health systems for equitable high-quality care and health outcomes in the context of non-communicable disease

Deadline Dates: 18 September 2025

- ❑ **Expected outcomes:**
  - ❑ **access to information allowing to strengthen health systems for equitable high-quality care and health outcomes**
  - ❑ **ensure continuity of care across all stages of disease progression, including prevention, risk reduction, and timely diagnosis of NCDs**
  - ❑ **improve quality of life across the life course and extend healthy life expectancy**

Consortium – required partners

No	Expertise	Type	Country	Role in the project
01	Software	Company	EU	Platform development
02	Public engagement	Research center	EU	Communication and dissemination
03	Privacy & Data management	Company	EU	Ensure GDPR compliance
04	User interface	Company	EU	Platform interface development

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