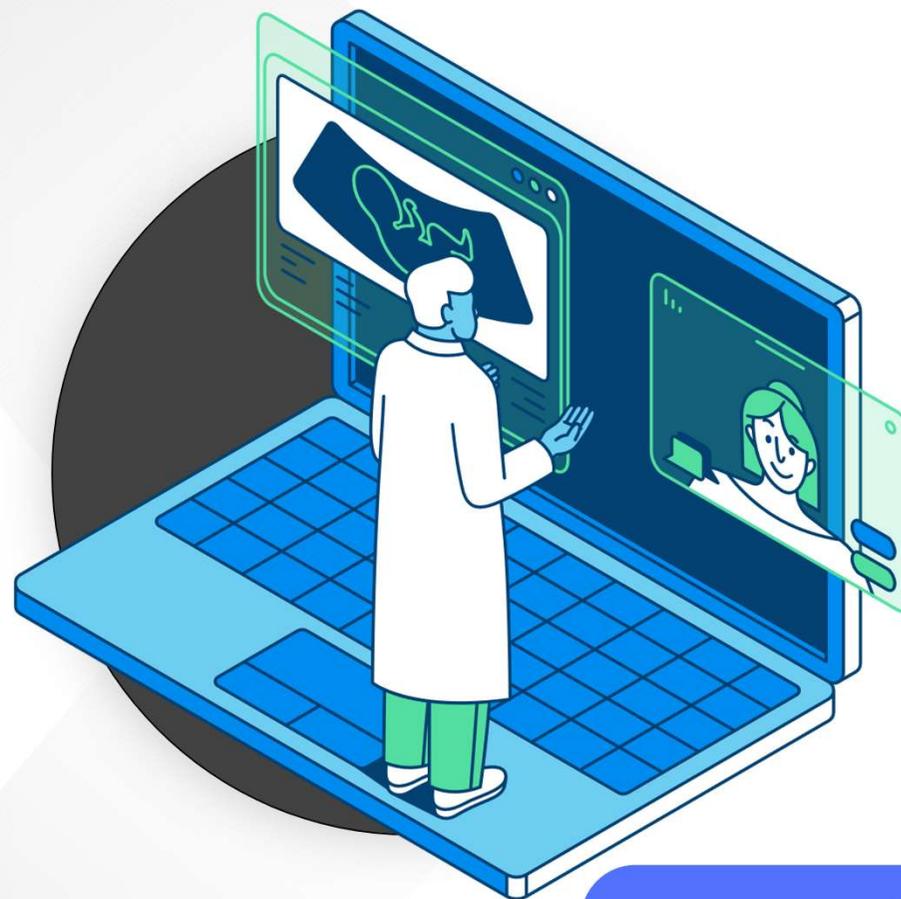




# SMART HEALTH

Smarth Health Digital Hub Vilnius

[www.smarthealthdih.eu](http://www.smarthealthdih.eu)



NOMEDA ŠIMBELYTĖ

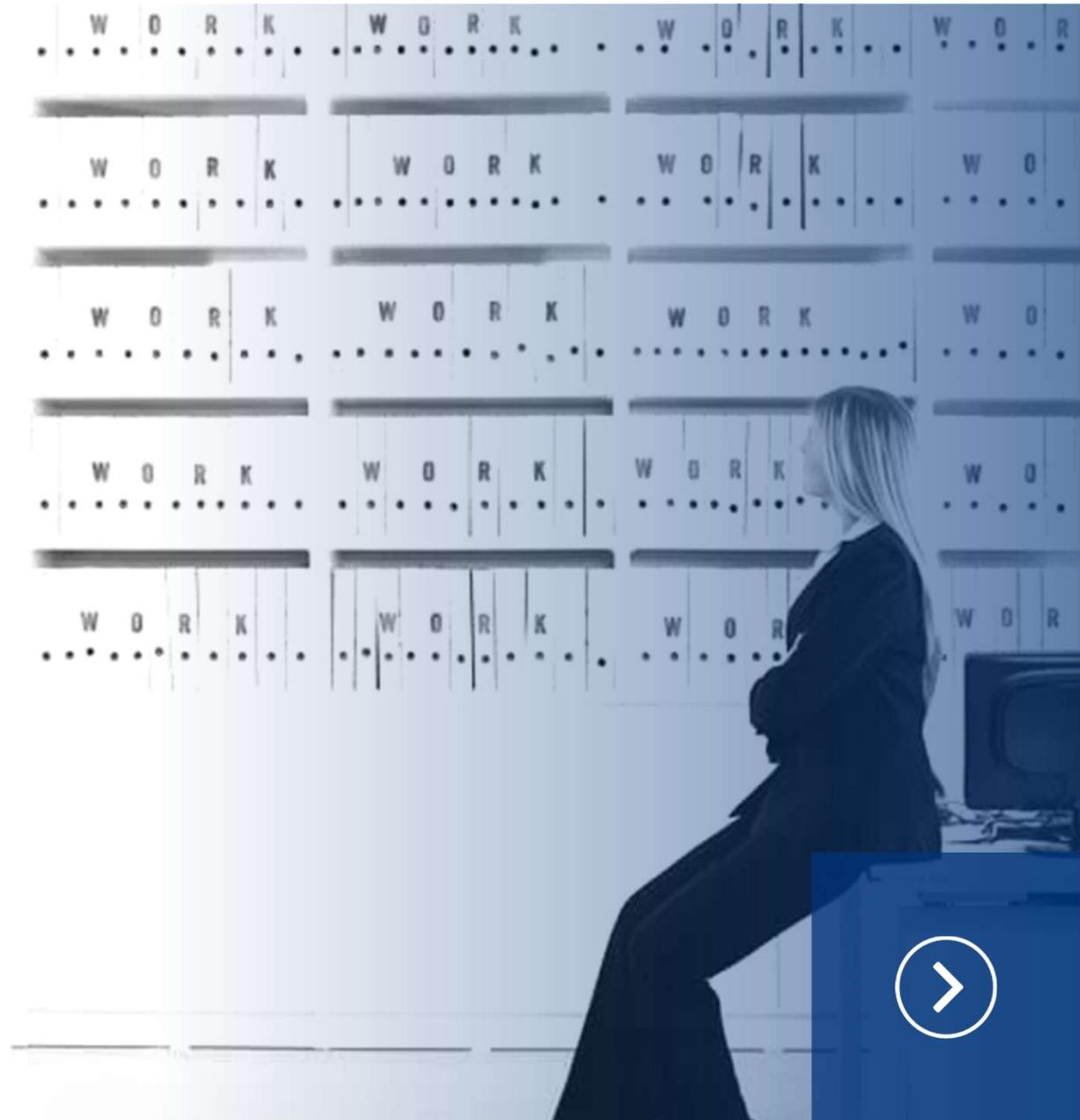


# VISION

To be a leading digital health innovation hub, transforming healthcare through smart technologies

# MISSION

To connect healthcare professionals, researchers, and technology experts in a dynamic ecosystem that drives digital transformation





## ABOUT US

We are committed to driving innovation in digital health. Our mission is to connect healthcare professionals, researchers, and technology experts to develop cutting-edge solutions.

With our expertise and strong network, we foster collaboration, support digital transformation, and ensure the successful integration of smart health technologies.

The impact we create in advancing healthcare is our greatest motivation, and we continuously strive to push the boundaries of digital health for a better future



[www.smarthealthdih.eu](http://www.smarthealthdih.eu)



# SMART HEALTH DIH PARTNERS

Leading institutions in various fields



[www.smarthealthdih.eu](http://www.smarthealthdih.eu)



Iceland  
Liechtenstein  
Norway grants



Vilniaus universiteto ligoninė  
**SANTAROS KLINIKOS**



## TF-TBC IMPLEMENTATION

We digitalized a methodology for assessing children's traumatic experiences and symptoms, gaining valuable experience in handling sensitive adolescent mental health data while ensuring anonymization and strengthening cybersecurity in adolescent digital health solutions

<https://www.norwaygrants.lt>

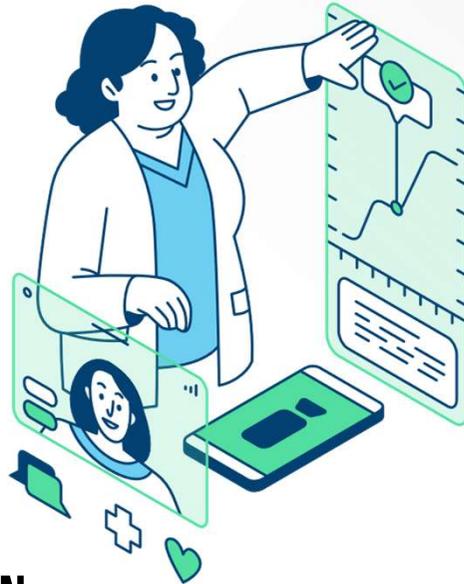
## WORK WITH ADOLESCENT MENTAL HEALTH TRIALS

**IN COLLABORATION WITH LEADING INSTITUTIONS**

**DIGITAL APPLICATION CREATED**

We developed a tailored digital application as part of the TF-CBT implementation project

**ACCESS TO ADOLESCENT AND CHILD  
HEALTH DATA**



## TRANSITION

The project created a tailored program, which equips healthcare professionals and non-professionals with the necessary digital skills to improve patient cancer care processes

## WORK WITH ONCOLOGY SPECIALISTS

### IMPLEMENTATION OF VARIOUS DIGITAL TOOLS FOR

Doctors - shared decision making,  
Nurses - problem solving  
Caregivers - remote empowerment

### TRAINING PROGRAM DEVELOPED

Patient remote management  
Digital interventions implementation (AI, GDPR,  
cybersecurity)

### IN COLLABORATION WITH 24 PARTNERS



We conducted an analysis of various digital coaching applications to assess their effectiveness in coaching. Based on our findings, we developed specialized training modules tailored to enhance coaches' digital competencies.

## WORK WITH COACHING PROCESS DIGITALIZATION

### TRAINING PROGRAM DEVELOPED

Enhancing their digital skills and exploring innovative solutions.

### AI USAGE FIELD

For improved diagnosis

### CYBERSECURITY IMPLEMENTATION



Smart Health DIH is partner of EDIH Vilnius consortium which is dedicated to accelerate digital transformation of SMEs and public sector organizations in the Vilnius region. We specialize in artificial intelligence (AI), high-performance computing, and cybersecurity

<https://www.edih.lt>



## CORE SERVICES



### TEST BEFORE INVEST

Providing businesses and organizations with the opportunity to trial digital solutions before making full investments.



### SKILLS AND TRAINING

Offering education and upskilling programs to enhance digital competencies.



### SUPPORT TO FIND INVESTMENTS

Assisting in identifying funding opportunities for digital transformation.



### INNOVATION NETWORKING

Connecting stakeholders to foster collaboration and knowledge exchange.

# OUR MAIN AREAS OF EXPERTISE



## ARTIFICIAL INTELLIGENCE AND DECISION-MAKING

- AI-based analytics and automation
- AI-driven decision support systems
- High-performance computing solutions



## SMART HEALTH AND MED TECH

- Expertise in medical device regulations and validation
- Algorithms and technical solutions for personalized health monitoring (anomal detection, alert generation, recommendation systems tailored to individual patient needs)
- Access to patients behaviour & health data, medical images



## CYBERSECURITY

- Cyber threat assessment and risk mitigation
- Data protection and privacy compliance
- Cybersecurity training and awareness



## ROBOTICS

- Industrial and collaborative robotics
- Automation and robotic process optimization
- AI-powered robotic systems for health sector



## CONTACTS

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