

STUDY VISIT AND MATCHMAKING DIGITAL HEALTH

Intro

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The Wrocław University of Science and Technology

- Poland's first medical faculty within a technical university
- 13 engineering faculties + 1 medical faculty
- WCSS – national leader in AI and HPC infrastructure
- 11 affiliated hospitals – over 5,500 clinical beds
- Regional Center for Digital Medicine
- Strong ecosystem for clinical trials and translational research

(1) WUST



(2) Parnter Hospitals



(3) WCSS



Our research support asset

- 2,300+ academic staff, 520+ research labs
- Wrocław Center for Technology Transfer (WCTT – EEN node)
- IP and spin-off management via ITT Ltd.
- Active collaboration with Łukasiewicz–PORT, CAMT, BDVA
- Supercomputing (LEM Cluster) via WCSS

Horizon Europe – Relevant Calls (2026–2027)

- HORIZON-HLTH-2027-01-CARE-02: Personalised approaches to mitigate Adverse Drug Reactions (ADRs) – CardioTwin supports clinical decision-making in multi-drug therapy through AI-powered risk modelling and real-time diagnostics.
- HORIZON-HLTH-2027-02-TOOL-01-two-stage: Development of predictive biomarkers of disease progression and treatment response by using AI methodologies for chronic noncommunicable diseases

Collaboration Offer – CardioTwin Project

- AI-powered digital twin for cardiovascular diagnostics (100+ arrhythmias)
- Integration with Holter monitors, wearables, and EHR systems
- TRL6 prototype readiness in 24 months
- 100,000+ hours of annotated ECG data
- Seeking partners for AI, clinical trials, MDR compliance, and EU health integration



Thank you



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and Health



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Digital
Transformation



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Health

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