

OUR OBJECTIVES

Advanced AI Risk Prediction Score

Integrates multidisciplinary parameters to provide accurate risk assessment.



AI-Driven Clinical Decision Support System (CDSS)

Provides trustworthy, evidence-based tools to prevent and manage CVD.



AI-POD Citizen App

Enables individuals to track health and lifestyle for self-management.



Pioneering CT Data Pipeline

Merges imaging, lab results, and clinical data to predict obesity-related risks.



Real-World AI Validation

Tests AI's performance against existing guidelines and risk scores.



Ethical Focus

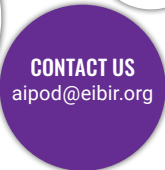
Ensures the ethical, transparent, and responsible implementation of solutions.



AI-POD

THE PARTNERS

AI-POD is driven by a consortium of 13 partners from 9 European countries:



Coordinator: Prof. Ulrike Attenberger, Medical University of Vienna (MUW)
Duration: 48 months
Runtime: May 1, 2023 - April 30, 2027
Total EU Funding: € 5,298,740.00

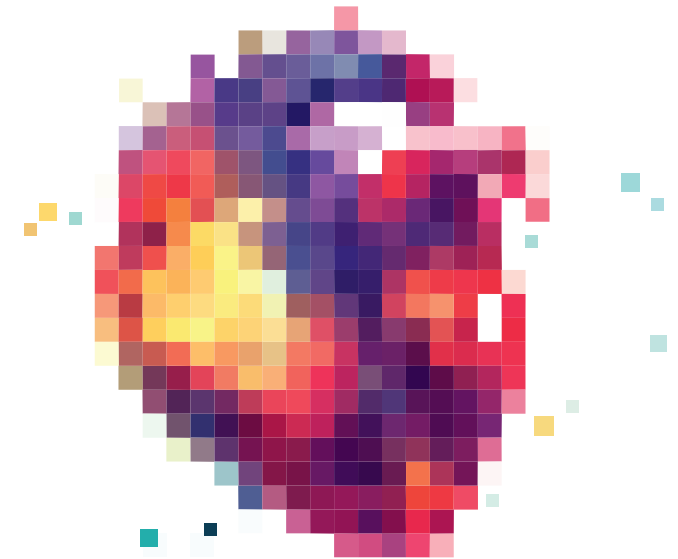


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AI-POD

TRANSFORMING CARDIOVASCULAR HEALTH WITH AI INNOVATION

TRUSTWORTHY AI TOOLS FOR THE PREDICTION OF OBESITY RELATED VASCULAR DISEASES



www.ai-pod.eu



AI-POD

HARNESSING THE POWER OF AI TO COMBAT OBESITY-RELATED CARDIOVASCULAR DISEASE

AI-POD is an innovative project that aims to improve the prediction of obesity-related risk for cardiovascular disease (CVD) by creating a novel, reliable and trustworthy AI-based risk score and tools for clinical decision support.

OUR VISION

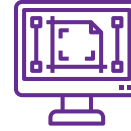
AI-POD envisions a future where AI empowers personalised medicine, streamlining obesity management, preventing cardiovascular disease, and enhancing patient engagement.

WHY AI-POD?

AI-POD addresses the rising incidence of obesity and the associated CVDs in Europe. By significantly advancing obesity and CVD management, AI-POD aims to reduce severe CVD-related complications by 25 %, saving 500,000 lives annually, and contributing to substantial healthcare costs savings.

FIRST RESULTS

AI-POD Platform established



First Machine Learning models for heart CT scan analysis



AI-POD Citizen App prototype study available and in use for prospective study



Core functions of CDSS designed



Overview of ethical Frameworks for use of AI-POD tools defined



First patient in for Prospective Study



EXPECTED IMPACT

Efficient follow-up and intervention for high-risk individuals

Empowering patients to manage their own health

Reduced expenses for European healthcare systems

Boosting European competitiveness in medtech and health IT solutions

Revolutionising Obesity & CVD Management

Accurate CVD Risk Prediction

Enhanced personalised health management