iCARE 4CVD

PAVING THE WAY FOR BETTER CARE IN CARDIOVASCULAR DISEASE

iCARE4CVD is a public-private research collaboration aiming to personalise prevention and treatment of cardiovascular disease (**CVD**) – from early risk to established disease.

THE PROJECT AIMS TO IMPROVE FOUR KEY ASPECTS OF CURRENT CVD HEALTHCARE:

Enhance early diagnosis of patients at risk with CVD

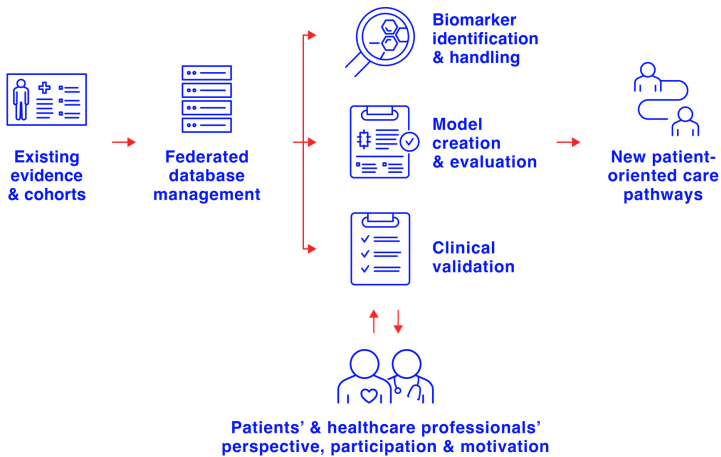Develop and assign risk levels to patients, defining those who need urgent intervention

Predict how individuals will respond to treatment through the application of AI-based tools

Ensure the inclusion of patient-centred outcomes by integrating their unique perspectives into key areas of our work

iCARE4CVD

ICARE4CVD APPROACH

By creating one database gathering data from more than 1 million patients and using artificial intelligence, **iCARE4CVD will identify new strategies to shift from a one-size-fits-all approach to personalised care.**

Existing evidence & cohorts → **Federated database management** →

Biomarker identification & handling

Model creation & evaluation

Clinical validation

→ **New patient-oriented care pathways**

Patients' & healthcare professionals' perspective, participation & motivation

THE PROJECT IN NUMBERS

36 LEADING PARTNERS

From academia, and industry and civil society

22 MILLION EUR

In funding

4.5 YEARS

2023–2028

LEARN MORE ABOUT THE PROJECT