

Improving CVD care and quality of life: Priorities of the CVD community

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What we are good at?

What we are bad at?



- Risk prediction models
- Proof-of-concept RCT trials in lifestyle intervention
- Structured and broad health education
- Population-wide prevention initiatives



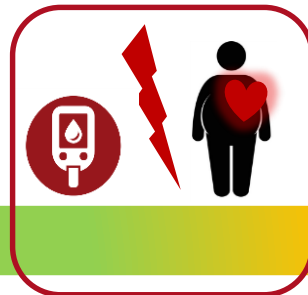
- High-tech procedures
- Pharmacological therapy
- Cardiology training
- Diabetology training
- Quality of hospital care



Multi-disciplinary approach
Patient-centred therapy
Proof-of concept RCTs to life-style intervention
Large data acquisition combining pharmacology and life-style

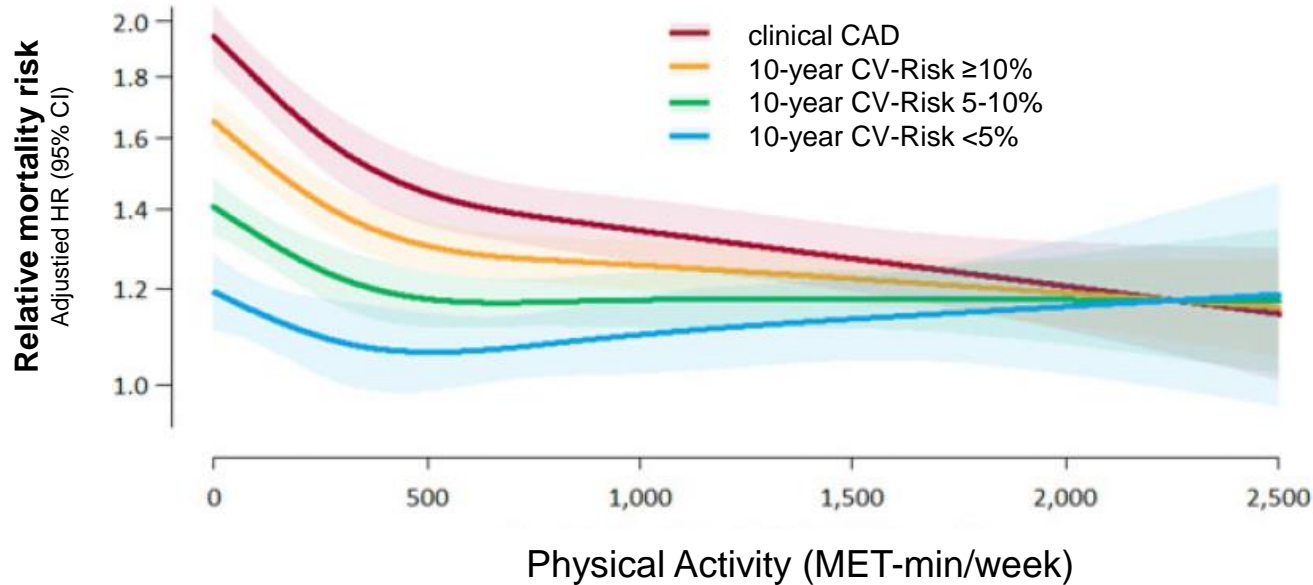


PRIMARY PREVENTION

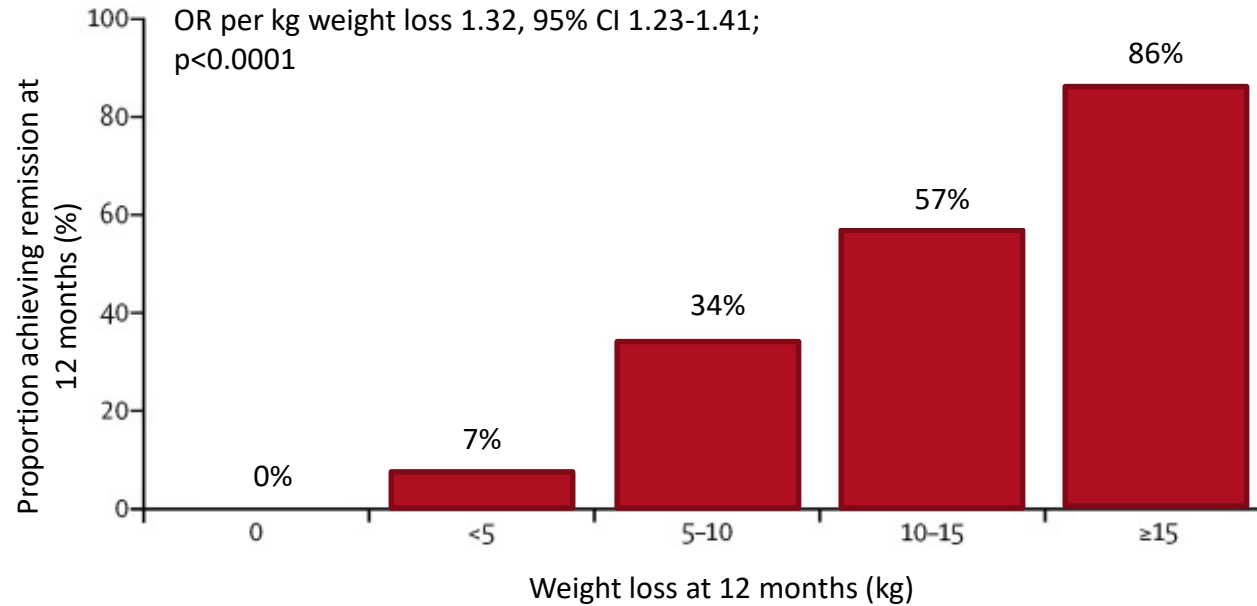


SECONDARY PREVENTION

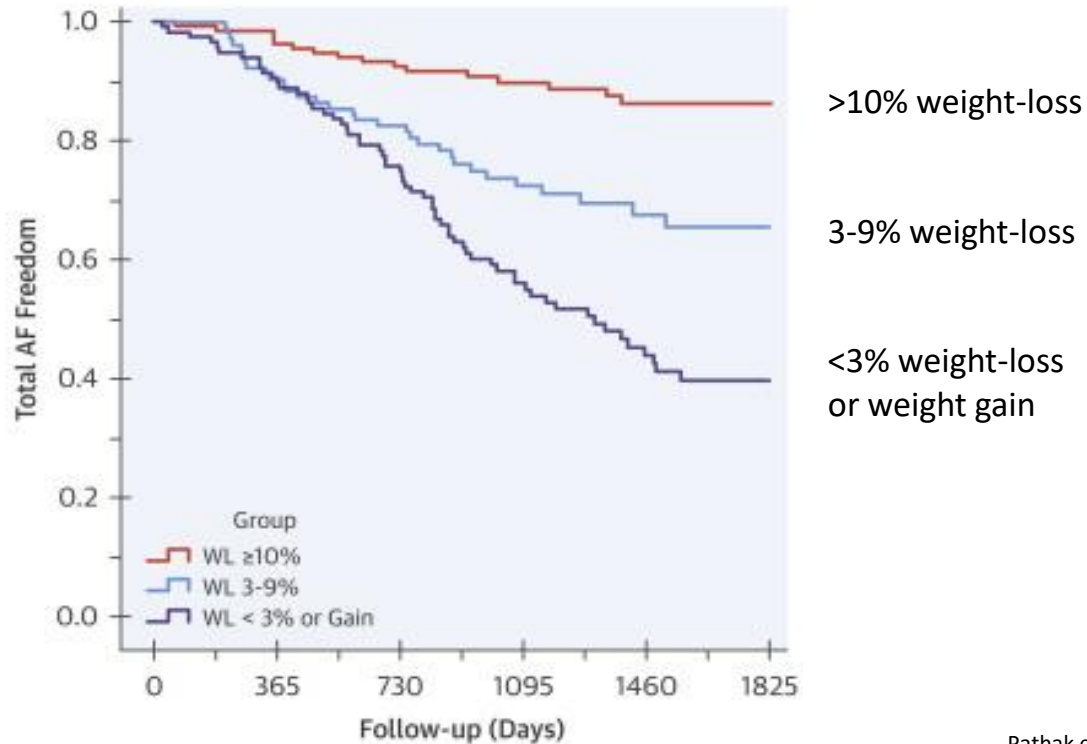
Physical activity and cardiovascular risk



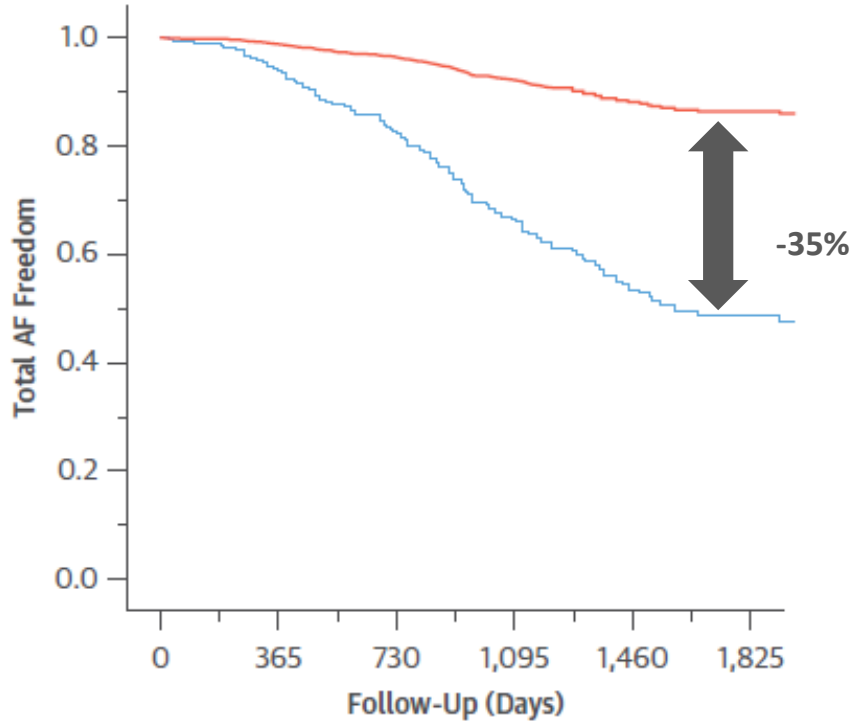
Weight loss and Diabetes Remission



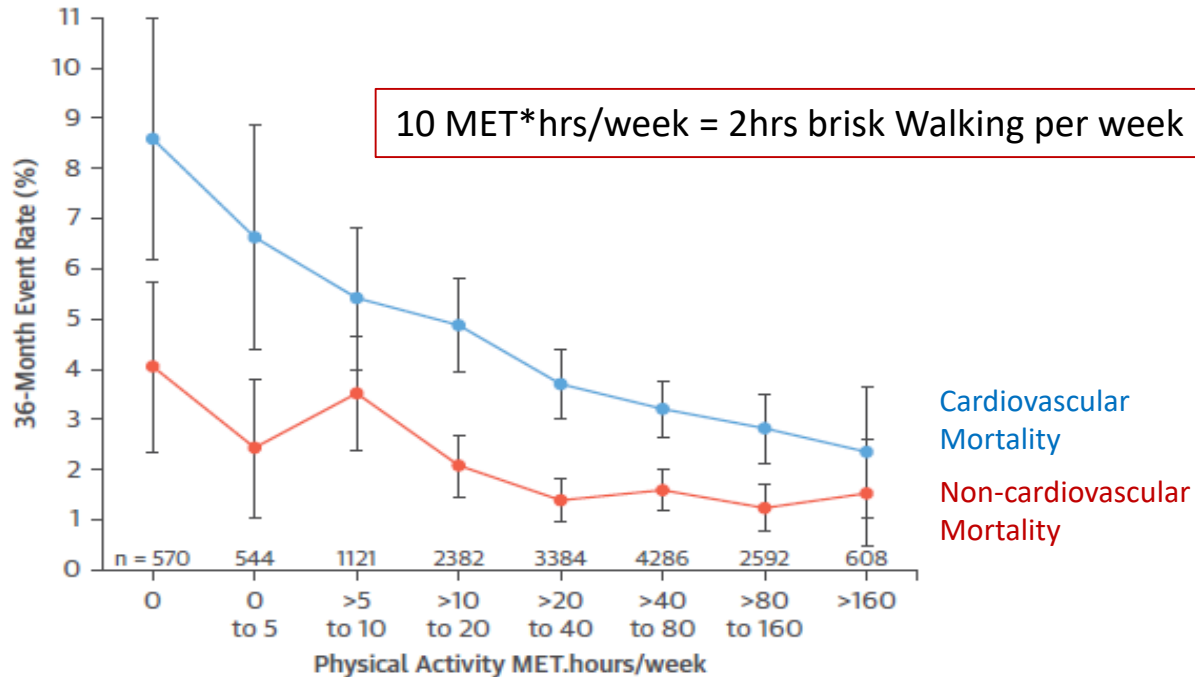
Weight Loss and Atrial Fibrillation



Physical Activity and Atrial Fibrillation



Physical Activity and Coronary Heart Disease Mortality



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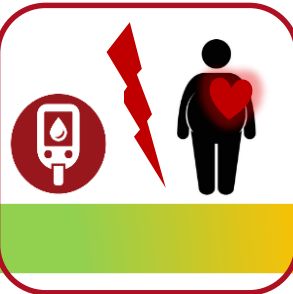
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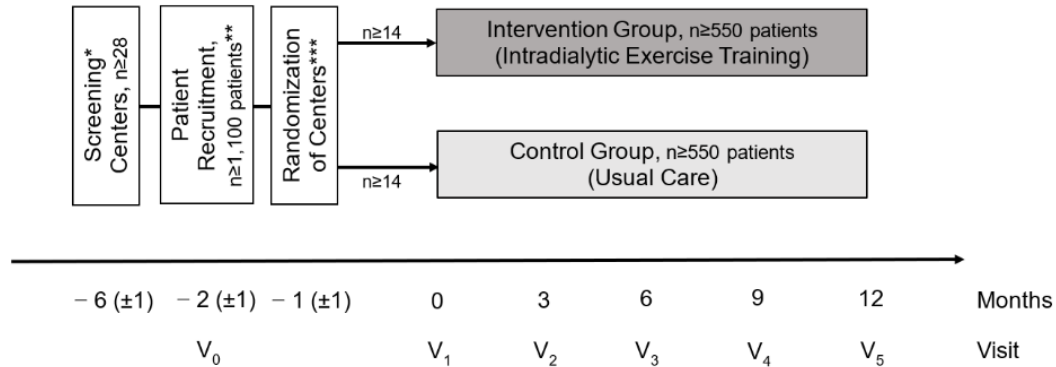


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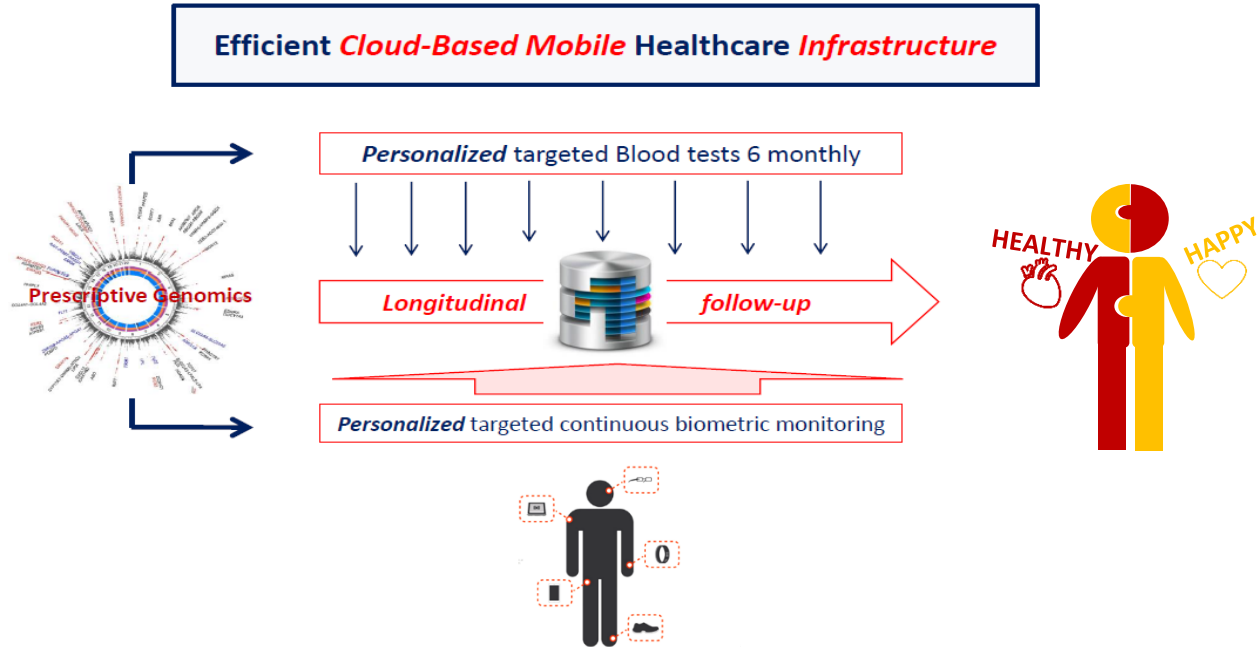


Secondary prevention: RCT Exercise during hemodialysis (40% diabetic nephrology) - *DiaTT trial*

→ To investigate the effects of a 12-month intradialytic exercise program on physical functioning, frailty and health economics in a large cohort of HD patients in a **real-world setting**.



'Augmented Intelligence': Platform for Personalised Prevention



EU Strategy to overcome diabetes-induced CV morbidity and mortality

OPTIMIZE

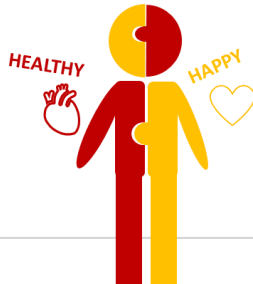
Individuals at high risk identification



Therapy
Pharmacological/non-pharmacological



Data and Intervention Network



Data

- Genetics, Imaging
- Novel Algorithms
- AI

RCT's

- Non-pharmacological intervention
- Education

Education Network
Diabetes/Heart/NCDs

Europe`s Eliminating Heart Disease Plan: 10 Flagship Initiatives and Topics

- 1. RESEARCH NETWORK INITIATIVE (CVD – METABOLIC/DIABETIC - CANCER/NCDs)**
- 2. “THE ONE” PREVENTION POPULATION STRATEGY FOR NCDs**
- 3. HARMONIZE EDUCATION STRATEGY FOR PREVENTIVE CARDIOLOGY/NCDs**
- 4. POPULATION EDUCATION / KNOWLEDGE STRATEGY FOR CVD/NCDs**
- 5. EARLY DETECTION OF CVD**
- 6. EARLY-LIFE-LONG INSTITUTIONAL PREVENTION**
- 7. CVD IMAGING INITIATIVE**
- 8. CVD DATA SHARING / DIGITAL INITIATIVE (EU CVD KNOWLEDGE/DATA SCIENCE CENTRE)**
- 9. BETTER LIVING WITH CVD**
- 10. HEALTHY HEART CITY / HEALTHY CITY**

Mission –
“ELIMINATING HEART DISEASE BY ELIMINATING DIABETES”
within the next 30 years until the year 2050

Healthy heart
Healthy people

