

POCCardio



Point-of-care solution for rapid identification of heart patients at a high risk of further cardiovascular events

Challenge

The incidence of recurrent cardiovascular events remains high in people with previous myocardial infarction despite the availability of risk stratification tools and various treatment approaches. In addition, infrastructural limitations in routine patient care often prevent an immediate adaptation of risk-factor control needed for timely intervention.

Aim

The PoCCardio project aims to overcome these challenges by developing a portable point-of-care solution for immediate analysis of blood samples from

patients, using multiple disease-specific biomarkers and microfluidic technology. This enables the health personnel to rapidly determine the risk profile in a timely, low-cost and comfortable manner and provide the affected patients with personalised, intensified and multifactorial treatment.

Impact

To show the potential of the PoCCardio intervention in improving the prediction of further cardiovascular events and consequently the outcome for patients, the solution is validated in a multinational trial, including several clinical study centres in Europe and involving thousands of patients with recent myocardial infarction.

poccardio-project.eu



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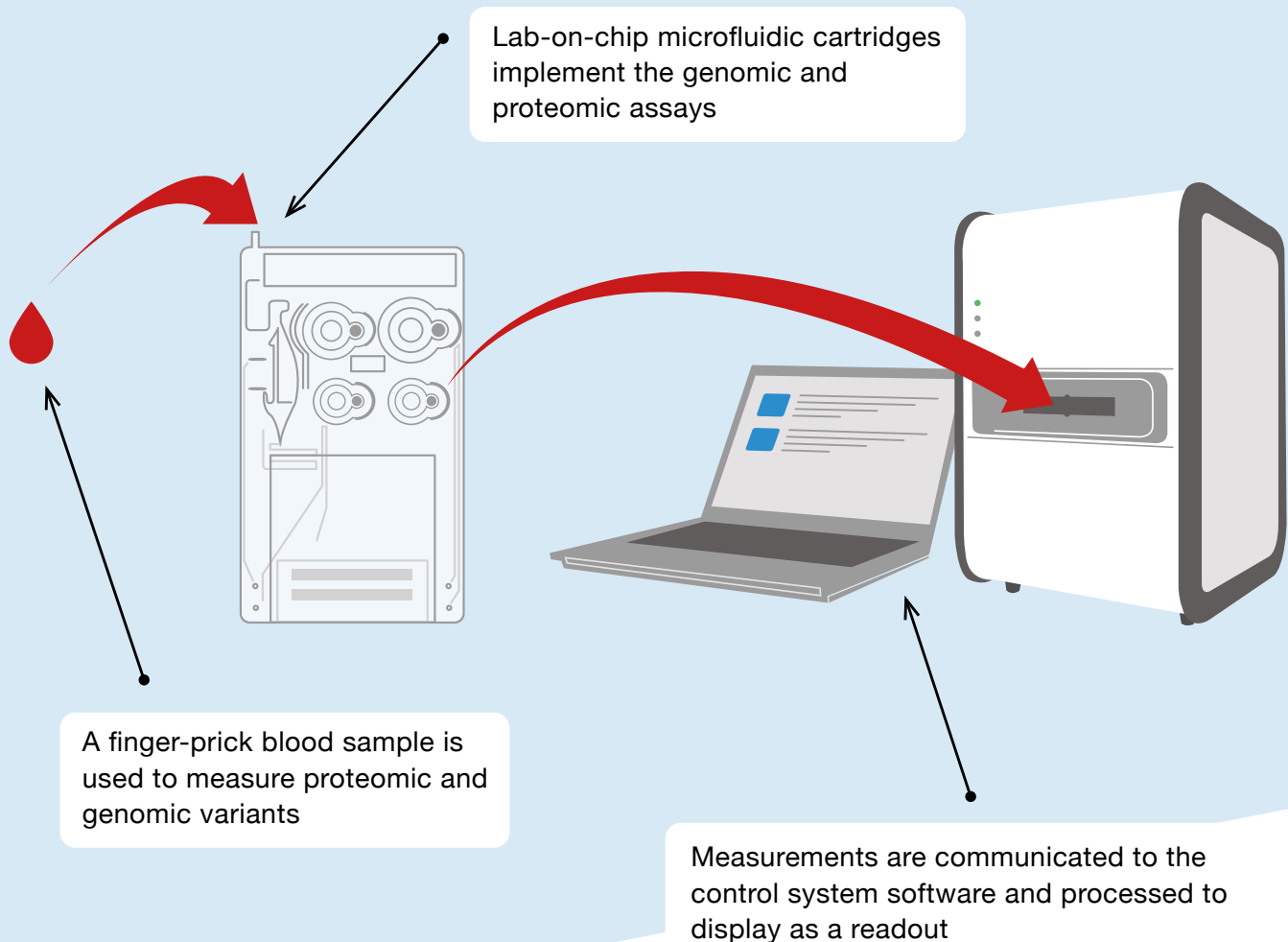
Fraunhofer
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IN-JET^{APS}

PoCCardio point-of-care solution

Your companion diagnostics for stratification of cardiovascular risk and planning of treatment strategy

- › Easy and intuitive user interfaces for different users, including clinicians
- › Minimal patient data entry to inform or modify the measured results
- › Secure and private data policy, storing only a limited number of test results at a time



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