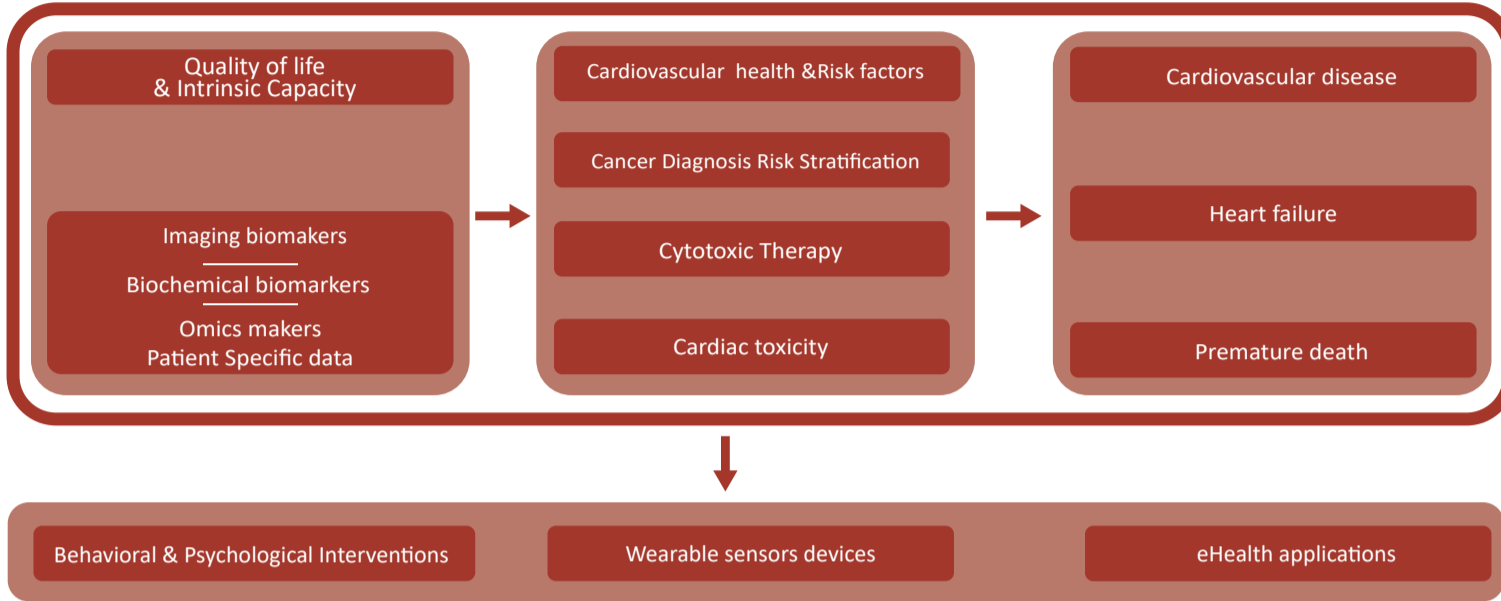




CARDIOCARE

An Interdisciplinary Approach for the Management of the Elderly Multimorbid Patient with Breast Cancer Therapy Induced Cardiac Toxicity



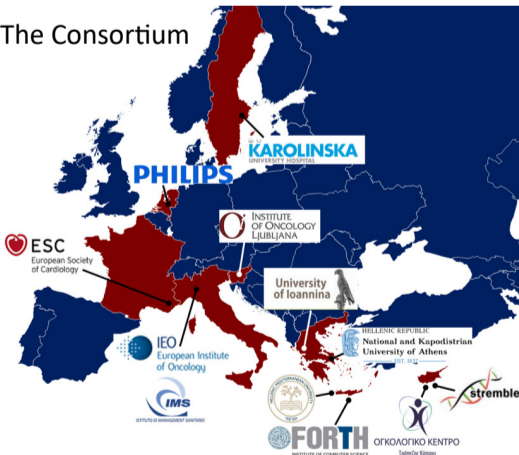
CARDIOCARE will implement an interdisciplinary and patient-oriented eHealth approach for assessing the efficacy of behavioral and psychological interventions on cardiotoxicity, intrinsic capacity and quality of life for Breast Cancer patients.

CARDIOCARE will develop a novel cost-effective risk-stratification strategy based on new sets of quality key performance indicators (clinical, imaging, omics, biomarker, psychomarker, intrinsic capacity, wearable sensor, eHealth application data) and by employing machine learning approaches, provide evidence-based best practices to improve the management of the elderly multimorbid breast cancer patient at risk for cardiac toxicity.



- To define the most important factors and develop eHealth tools for monitoring health status, intrinsic capacity, and quality of life in elderly breast cancer patients at risk for cardiotoxicity.
- To identify novel markers (imaging, biochemical, behavioural, psychological) critical for cardiotoxicity detection.
- To develop and validate a machine learning risk stratification model of cardiotoxicity for early diagnosis and management of health.
- To develop the CARDIOCARE platform which collects data for analysis from different sources (wearable sensors, mobile eHealth applications).
- To perform a multi-centre clinical study in elderly breast cancer patients at risk of cardiotoxicity and evaluate the CARDIOCARE eHealth behavioural and psychological interventions.
- To provide evidence-based practices to improve the management of the elderly multimorbid cancer patient at risk for cardiac toxicity.
- To assess behavioural, regulatory & cost-effectiveness aspects of CARDIOCARE proposed solution.

The Consortium



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CARDIOCARE on Social Media



🌐 <https://cardiocare-project.eu/>

