

THE VISION: PREDICTING RISK FOR ALL FOUR WOMEN-SPECIFIC CANCERS

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FORECEE³



Breast Cancer



Ovarian Cancer



Endometrial Cancer



Cervical Cancer



Preventive measures

RISK PREDICTION

Cancer onset

Screening

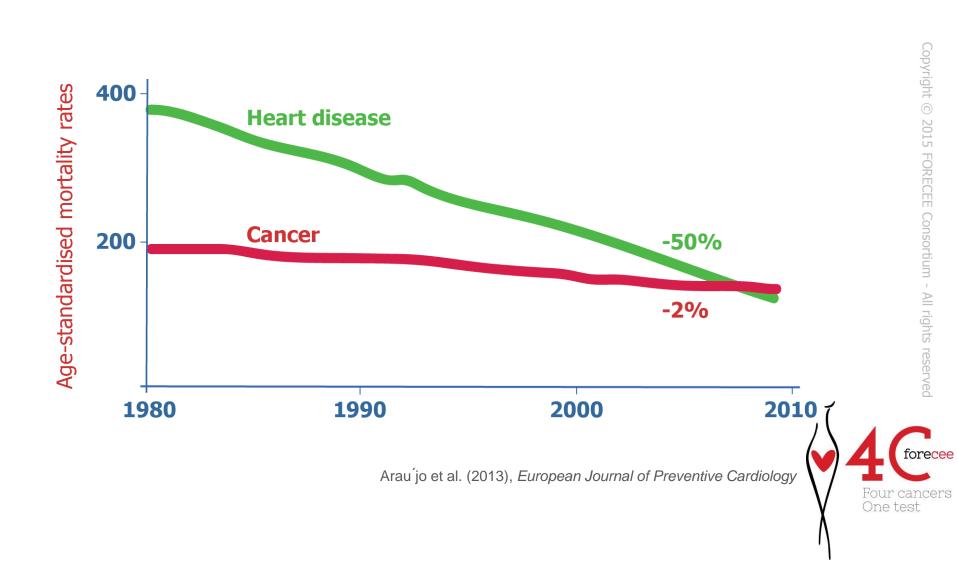
Symptoms

SURGERY, RADIOTHERAPY, CHEMOTHERAPY

For the four main women's cancers, which account for 47% of all cancers in women, prevention is key to improved survival



SUCCESS STORY OF HEART DISEASE



RISK IN THE GENERAL POPULATION



In the absence of risk prediction, 100 unaffected women would need to undergo surgery to **prevent 10 cases of breast cancer**.



RISK IN THE GENERAL POPULATION

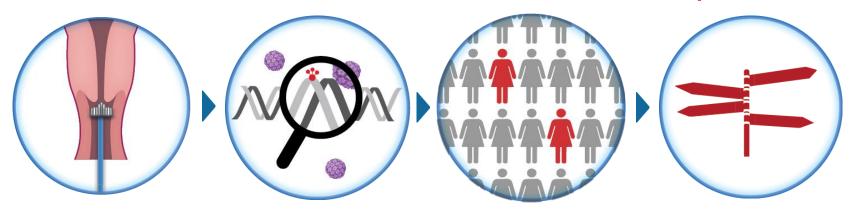


In the absence of risk prediction, 100 unaffected women would need to undergo surgery to **prevent 1 case of ovarian cancer**.



Analyse cells for genomic, epigenomic, and metagenomic changes

Provide individualised prevention and health promotion



Collect **hormone-sensitive cells** from the cervix

Predict 5-10 year risk for breast, ovarian, endometrial, and cervical cancer



OBJECTIVES



Validity and Utility of risk prediction model

WP1 Sample collection and preparation

WP2 Develop multi-dimensional risk prediction model based on genetics, epigenetics and metagenetics

WP3 Establish and validate risk prediction model

OBJECTIVE 2 and 3

Decision analysis and cost-effectiveness

WP4 Stakeholder Analysis Analysis of regulatory, ethical and legal issues and survey of women's attitudes

WP5 Implementation Study Decision-analytic medical, costeffectiveness models and development of personalised screening and prevention recommendations

WP6 Pan-EU Implementation Strategy
Workshops with key decision
makers across Europe

PROJECT FACILITATION AND CONTROL

WP7 Dissemination, Exploitation and Communication

WP8 Project Management

FORECEE

- ✓ Call H2020-PHC-2014
- ▼ Topic PHC-05-2014
- ▼ Kick-off September 9th 2015
- ✓ Duration 4 years (2015-2019)







































CU TEAM

Leaders: Cibula/Zikán

Administration: Kristýna Matějková

✓ Staff: lab technician study nurse Ph.D. student theatre staff



HISTORY

▼ FP7 project – EPI-FEM-CARE



forecee
Four cancers
One test

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