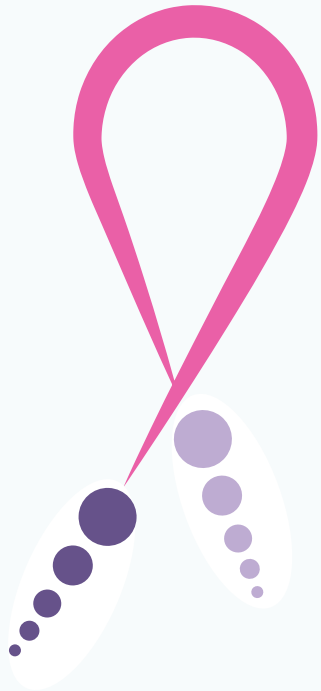


REBECCA

REsearch on **BrE**ast **C**ancer induced chronic conditions supported by **C**ausal **A**nalysis of multi-source data



ABOUT THE PROJECT

REBECCA project aims at using **Real-World Data** to support **clinical research** on complex chronic conditions in the **post-treatment of breast cancer**.

REBECCA will combine clinical data with data obtained from multiple wearable, online behaviour and registry data to study the impact of primary and adjuvant cancer treatment on patients' quality of life and assess the value of **personalised patient monitoring as a means for improved patient care**. It will also demonstrate the extensibility of the project to other forms of cancer.

OBJECTIVES



TO IMPROVE CLINICAL RESEARCH ON COMPLEX CHRONIC CONDITIONS THAT CHALLENGE THE QUALITY OF LIFE OF BREAST CANCER PATIENTS



TO IMPROVE HEALTHCARE OUTCOMES FOR PATIENTS AFTER THE PRIMARY BREAST CANCER TREATMENT

METHODOLOGY

REBECCA will collect data from smartphone and smartwatch/band sensors, biobanks, including data from tumour and repeated blood sample analyses, images, social media, online behaviour data, open and commercial maps. Additionally, official statistics, patient-reported data collected through validated questionnaires in clinical settings and through mobile apps will be combined with clinical data, as well as patient and citizen registries, e.g. national registries of employment, insurance, hospitalisation, prescription drugs, etc.

The data will be analysed within **7 clinical studies** in 3 countries, Norway, Spain, and Sweden, involving over 650 individuals, and it will help **shape future guidelines and practices for post-cancer treatment**. Best practices resulting from the studies will be disseminated to researchers, public health and regulatory bodies throughout Europe.

PARTNERS

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