

Role of following up patients with breast cancer with a mammogram in detecting recurrence

Submission date 15/02/2021	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 20/02/2021	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 30/03/2023	Condition category Cancer	<input type="checkbox"/> Individual participant data

Plain English summary of protocol

Background and study aims

Breast cancer is the most common cancer in women. Routinely women who are diagnosed with breast cancer will be followed with a yearly mammogram (an X-ray test) for a minimum of 5 years. There is a little evidence that routine mammogram follow-up of patients treated for early breast cancer helps to detect recurrences or new cancers. The aim of this study is to follow up patients with early breast cancer for recurrences and new primary cancers in order to determine the role of mammogram follow up.

Who can participate?

Patients who were diagnosed with breast cancer either by screening or presented with symptoms from 2001 to 2006.

What does the study involve?

This is an observational study that follows up patients who had breast cancer from 2001 to 2006 for a minimum of 10 years or until recurrence of cancer to find out whether this recurrence was detected by follow-up mammogram.

What are the possible benefits and risks of participating?

There are no expected benefits or risks for participants

Where is the study run from?

Addenbrooke's Hospital (UK)

When is the study starting and how long is it expected to run for?

October 2015 to January 2016

Who is funding the study?

Investigator initiated and funded

Who is the main contact?

Wafa Taher

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Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

EudraCT/CTIS number

Nil known

IRAS number

ClinicalTrials.gov number

Nil known

Secondary identifying numbers

Nil known

Study information

Scientific Title

The effectiveness of mammography surveillance after treatment of primary breast cancer: a single-centre retrospective cohort study

Acronym

MaSATPriBrCa

Study objectives

Is mammography surveillance after treatment of primary breast cancer efficient at detecting recurrence and new primaries?

Ethics approval required

Old ethics approval format

Ethics approval(s)

Access to patients' data was obtained through an official data request to Addenbrooke's Hospital Research Department. Formal ethics committee clearance was not needed as this was a service evaluation.

Study design

Single-centre retrospective primary observational study

Primary study design

Observational

Secondary study design

Cohort study

Study setting(s)

Hospital

Study type(s)

Diagnostic

Participant information sheet

Not available in web format, please use the contact details to request a participant information sheet

Health condition(s) or problem(s) studied

New breast cancer/recurrence in patients with primary breast cancer after treatment

Interventions

Patients who had primary breast cancer during the years 2001 to 2006 were included and followed up for a minimum of 10 years. Patients who developed recurrence/new primaries are studied to find if that incident was picked up by a mammogram. All data are collected from the hospital database.

Intervention Type

Other

Primary outcome measure

Effectiveness of follow-up mammography at detecting recurrences/new cancers, measured using the hospital database with a minimum of 10 years of follow-up

Secondary outcome measures

The rate of detection of recurrence/new primaries by mammogram between patients whose original tumour was detected by screening and those who presented symptomatically, measured using the hospital database with a minimum of 10 years of follow-up

Overall study start date

01/10/2015

Completion date

01/01/2016

Eligibility

Key inclusion criteria

Patients who had primary breast cancer during year 2001 to 2006

Participant type(s)

Patient

Age group

Adult

Sex

Female

Target number of participants

2552

Total final enrolment

2530

Key exclusion criteria

1. Patients with distant metastasis or regional recurrence (chest wall, mastectomy scar or axilla)
2. Patients who were lost to follow-up or had no records
3. Patients who died because of reasons other than breast cancer during 10 years of follow-up and who were recurrence-free at the time of death

Date of first enrolment

01/01/2001

Date of final enrolment

30/06/2006

Locations

Countries of recruitment

England

United Kingdom

Study participating centre

Addenbrooke's Hospital

Breast Unit

Cambridge University Hospitals NHS Foundation Trust

Hills Road

Cambridge

United Kingdom

CB2 0QQ

Sponsor information

Organisation

University of East Anglia

Sponsor details

Norwich Research Park

Norwich

England

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+44 (0)1603 456161

communications@uea.ac.uk

Sponsor type

University/education

Website

<https://www.uea.ac.uk/>

ROR

<https://ror.org/026k5mg93>

Funder(s)

Funder type

Other

Funder Name

Investigator initiated and funded

Results and Publications

Publication and dissemination plan

Planned publication in a high-impact peer-reviewed journal. No additional documents are available.

Intention to publish date

28/02/2021

Individual participant data (IPD) sharing plan

The datasets generated during and/or analysed during the current study are/will be available upon request from Wafa Taher (wafa.taher@nhs.net).

IPD sharing plan summary

Available on request

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	09/04/2021	30/03/2023	Yes	No