

# A cluster randomised trial evaluating the clinical effectiveness and cost of telemedicine delivered multidisciplinary meetings in breast cancer

<b>Submission date</b> 13/09/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
<b>Registration date</b> 11/11/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 09/05/2012	<b>Condition category</b> Cancer	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**Protocol serial number**  
1217319

## Study information

## Scientific Title

### Acronym

TELEMAM

### Study objectives

Decision making in breast cancer management at a multidisciplinary team (MDT) meeting is as clinically effective as face-to-face meetings and achieved at lower cost.

### Ethics approval required

Old ethics approval format

### Ethics approval(s)

Not provided at time of registration

### Study design

Randomised controlled trial

### Primary study design

Interventional

### Study type(s)

Treatment

### Health condition(s) or problem(s) studied

Breast cancer

### Interventions

Randomised standard face-to-face 'on site' multidisciplinary meetings for breast cancer management (MDTs) at Dumfries and Dunfermline (Arm 1) versus MDTs on Dumfries and Dunfermline patients linked by telemedicine between Dumfries and Edinburgh, and Dunfermline and Edinburgh (Arm 2).

### Intervention Type

Other

### Phase

Not Applicable

### Primary outcome(s)

1. Satisfaction with communication process of multidisciplinary decision making for each patient (Interpersonal Communication Satisfaction Scale)
2. Costs of face-to-face and telemedicine delivered decision making
3. Compliance with Scottish Intercollegiate Guidelines Network (SIGN) guidelines of best practice for breast cancer

### Key secondary outcome(s)

1. Pre- and post-trial attitudes to face-to-face and telemedicine delivered multidisciplinary clinics (Personal Report of Communication Apprehension)

2. Measures of objective patterns of interaction
3. Subjective measures of interaction (Group Behaviour Questionnaire, Group Behaviour Inventory, Group Dimensions Description Questionnaire)
4. Communication content (Interaction Process Analysis)
5. General dimensions of output (satisfaction with communication, group atmosphere, involvement, trust and agreement)

**Completion date**

31/07/2005

## Eligibility

**Key inclusion criteria**

1. Histologically proven breast cancer
2. Requiring decision on treatment of primary or recurrent breast cancer

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

Female

**Key exclusion criteria**

Does not match inclusion criteria

**Date of first enrolment**

24/04/2003

**Date of final enrolment**

31/07/2005

## Locations

**Countries of recruitment**

United Kingdom

Scotland

**Study participating centre**

**Oncology Department**  
Edinburgh  
United Kingdom  
EH4 2XU

## **Sponsor information**

**Organisation**  
UK Department of Health Research and Development

## **Funder(s)**

**Funder type**  
Government

**Funder Name**  
Department of Health (UK) - Research and Development

**Funder Name**  
Big Lottery Fund (UK)

**Alternative Name(s)**  
BIG

**Funding Body Type**  
Private sector organisation

**Funding Body Subtype**  
Other non-profit organizations

**Location**  
United Kingdom

## **Results and Publications**

**Individual participant data (IPD) sharing plan**

**IPD sharing plan summary**  
Not provided at time of registration

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	01/11/2007		Yes	No
<a href="#">Protocol article</a>	protocol	01/10/2005		Yes	No