

# How does an internet intervention help patients with coronary heart disease achieve better health?

<b>Submission date</b> 12/05/2010	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 12/05/2010	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
<b>Last Edited</b> 13/05/2010	<b>Condition category</b> Circulatory System	<input type="checkbox"/> Individual participant data

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

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### Contact details

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United Kingdom  
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## Additional identifiers

### Protocol serial number

3022

## Study information

### Scientific Title

A multicentre non-randomised cohort study on the use of an internet invention to change patients' beliefs, emotions, actions and health with respect to coronary heart disease

### Acronym

## CHESS for HEART DISEASE

### Study objectives

In this study we gave an internet intervention to a group of 168 patients with coronary heart disease (CHD) to use over 9 months. During this time we used questionnaires to track changes in patients' beliefs, emotions, actions and health. Our aim was to link these changes to the parts of the internet intervention patients used and how they had used them. This would then help us design internet interventions that work better for patients with CHD and other long-term conditions.

### Ethics approval required

Old ethics approval format

### Ethics approval(s)

Camden and Islington Local Research Ethics Committee (LREC) approved in Feb 2006 (ref: 06/Q0511/3)

### Study design

Multicentre non-randomised interventional treatment trial

### Primary study design

Observational

### Study type(s)

Treatment

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

Topic: Cardiovascular; Subtopic: Cardiovascular (all Subtopics); Disease: Cardiovascular

### Interventions

CHESS-HD - The intervention used in this study was CHESS Living with Heart Disease. This was a website providing information (e.g., questions and answers, an instant library, web tools and resources, a directory of Organisations, useful information sites and a dictionary), behaviour change (e.g., health tracking, assessments and action plans) and support components (e.g., personal stories, 'ask an expert' facility, discussion groups, and personal journals).

The internet intervention was given to a group of 168 patients with CHD to use over 9 months; follow-up was at 3 and 9 months.

### Intervention Type

Other

### Phase

Not Applicable

### Primary outcome(s)

Self-efficacy (Cardiac self-efficacy questionnaire), measured at 9 months

### Key secondary outcome(s)

No secondary outcome measures

**Completion date**

30/11/2007

## Eligibility

**Key inclusion criteria**

Patients on the coronary heart disease register from general practice teams in North and Central London Primary Care Network

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

All

**Key exclusion criteria**

1. Inability to provide informed consent due to active psychosis, cognitive impairment or learning difficulty
2. Inability to use a computer-based intervention due to physical disability
3. Inability to understand written or spoken English (operationalised as unable to consult without an interpreter)
4. Terminally ill with life expectancy less than 9 months
5. Male and female, aged 35 - 89 years

**Date of first enrolment**

01/03/2006

**Date of final enrolment**

30/11/2007

## Locations

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

Gower Street

London

United Kingdom

WC1E 6BT

# Sponsor information

## Organisation

University College London (UK)

## ROR

<https://ror.org/02jx3x895>

# Funder(s)

## Funder type

Charity

## Funder Name

BUPA Foundation (UK)

## Alternative Name(s)

## Funding Body Type

Private sector organisation

## Funding Body Subtype

Trusts, charities, foundations (both public and private)

## 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	01/12/2008		Yes	No
<a href="#">Participant information sheet</a>	Participant information sheet	11/11/2025	11/11/2025	No	Yes