

# 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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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
3022

## Study information

**Scientific Title**

A multicentre non-randomised cohort study on the use of an internet intervention 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

**Secondary study design**

Cohort study

**Study setting(s)**

GP practice

**Study type(s)**

Treatment

**Participant information sheet**

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

**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 measure**

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

**Secondary outcome measures**

No secondary outcome measures

**Overall study start date**

01/03/2006

**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

**Age group**

Adult

**Sex**

Both

**Target number of participants**

Planned sample size: 168

**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**

England

United Kingdom

**Study participating centre**

**Gower Street**

London

United Kingdom

WC1E 6BT

**Sponsor information****Organisation**

University College London (UK)

**Sponsor details**

UCL Biomedicine Research & Development Unit

Maple House

149 Tottenham Court Road

London

England

United Kingdom

W1T 7NF

**Sponsor type**

University/education

**Website**

<http://www.ucl.ac.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

**Publication and dissemination plan**

Not provided at time of registration

**Intention to publish date****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