

# Heart Failure in Older People In Care Homes

<b>Submission date</b> 28/05/2010	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 28/05/2010	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 09/07/2013	<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

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## Additional identifiers

**Protocol serial number**  
5037

## Study information

**Scientific Title**  
Diagnosing and Managing Heart Failure in Care Homes (HFinCH): a multicentre diagnostic study and therapeutic optimisation trial

**Acronym**  
HFinCH

**Study objectives**

The purpose of this study is to explore the experiences of diagnosis and treatment of heart failure (HF) for people who are resident in care, and to ascertain the prevalence of HF in a very high risk population, with a view to providing more effective care. The study will provide vital information about the accuracy, feasibility and acceptability of the diagnostic tests used. The study will evaluate the best way of delivering improved healthcare by comparing usual NHS care with a specialist-led service. The study will allow people with heart failure to help inform the development of new and important NHS services that meet patients' needs.

### **Ethics approval required**

Old ethics approval format

### **Ethics approval(s)**

Leeds (West) REC approved on the 3rd November 2008 (ref: 08/H1307/96)

### **Study design**

Multicentre diagnostic study randomised controlled therapeutic optimisation trial

### **Primary study design**

Interventional

### **Study type(s)**

Screening

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

Topic: Cardiovascular, Primary Care Research Network for England; Subtopic: Not Assigned, Cardiovascular (all Subtopics); Disease: Cardiovascular, All Diseases

### **Interventions**

Domiciliary Heart Failure Team Care (HFTC) versus Routine Care (RC). RC will consist of test results being communicated to residents and their GPs and/or HF nurse specialists. In addition to routine care, HFTC will involve residents being visited within the home by clinical members of the research team on a number of occasions to have their findings assessed, receive educational advice, discuss options and have their medication reviewed.

Study entry: Other

### **Intervention Type**

Other

### **Phase**

Not Applicable

### **Primary outcome(s)**

1. Diagnostic phase: the proportion of residents with an incorrect (positive or negative) diagnosis determined by echocardiography
2. Trial phase: proportion of patients receiving an angiotensin converting enzyme (ACE)-inhibitor (or angiotensin receptor blocker [ARB]) and beta-blocker at therapeutic dose (6 months)

### **Key secondary outcome(s)**

Diagnostic phase:

1. Prevalence of HF analyzed as a proportion

2. Proportions where HF has been missed or incorrectly identified
3. Test accuracy (sensitivity, specificity) of NT-Pro BNP, ECG and clinical signs and symptoms for the diagnosis of HF
4. Positive and negative predictive values
5. Acceptability to patients
6. Symptom profiles and quality-of-life (EuroQoL measures)

#### Trial phase:

1. The proportion of patients dying or being hospitalised for HF (one year)
2. The proportion of patients dying or being hospitalised for any cardiovascular or cerebrovascular event (one year)
3. The net costs of providing the specialist service and change in prescribing (6 months)
4. Changes in use of other CV drugs (6 months)
5. Changes in functional capacity and quality of life (3 months)

#### Completion date

01/09/2010

## Eligibility

#### Key inclusion criteria

1. Residential/care home managers
2. Residents of residential/care homes in Stockton-on-Tees who are aged 65 years or over, either sex
3. Health care professionals, including a representative sample of GPs, HF nurses, and care home staff, involved in care provision will be invited to participate in interviews

#### Participant type(s)

Patient

#### Healthy volunteers allowed

No

#### Age group

Senior

#### Sex

All

#### Key exclusion criteria

Residents with terminal disease

#### Date of first enrolment

01/04/2009

#### Date of final enrolment

01/09/2010

## Locations

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

**School of Medicine and Health**

Durham

United Kingdom

DH1 3HP

## Sponsor information

**Organisation**

University of Durham (UK)

**ROR**

<https://ror.org/01v29qb04>

## Funder(s)

**Funder type**

Government

**Funder Name**

National Institute for Health Research (NIHR) (UK) - Research for Patient Benefit (RfPB) programme (ref: PB-PG-0407-13309)

## 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>	further results results	01/02/2013		Yes	No

[Results article](#)

01/02/2013

Yes

No