

# Enhancing self-management of multiple conditions in primary care

|  |   |  |
|--|---|--|
| <b>Submission date</b><br>25/03/2011   | <b>Recruitment status</b><br>No longer recruiting | <input type="checkbox"/> Prospectively registered    |
|  |   | <input type="checkbox"/> Protocol                    |
| <b>Registration date</b><br>28/04/2011 | <b>Overall study status</b><br>Completed          | <input type="checkbox"/> Statistical analysis plan   |
|  |   | <input checked="" type="checkbox"/> Results          |
| <b>Last Edited</b><br>13/11/2013       | <b>Condition category</b><br>Other                | <input type="checkbox"/> Individual participant data |

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

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Prof Susan Smith

**Contact details**  
Department of General Practice,  
Royal College of surgeons,  
Beaux Lane Huose,  
Mercer Street  
Dubin  
Ireland  
2  
+35(0)3 1402 2306  
susansmith@rcsi.ie

## Additional identifiers

**Protocol serial number**  
N/A

## Study information

**Scientific Title**

A feasibility study of a chronic disease self-management intervention designed to improve occupational performance and outcomes for people with multimorbidity in primary care

### **Acronym**

Multimorbidity self-management

### **Study objectives**

An occupational therapy group-based chronic disease self-management intervention may improve outcomes for individuals with multimorbidity living in the community.

### **Ethics approval required**

Old ethics approval format

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

Irish College of General Practitioners, Research Ethics Committee approved in December 2010

### **Study design**

Prospective exploratory trial

### **Primary study design**

Interventional

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

Quality of life

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

Multimorbidity

### **Interventions**

Participants will attend a weekly chronic disease self management group (CDSM) over a six week period facilitated by the occupational therapy (OT) researcher. Each session will last two and a half hours with a tea and coffee break in the middle. The location selected for the group is Trinity Centre for Health Sciences, St. James Hospital. This location has been chosen in an effort to minimise inconvenience to participants as it is easily accessible and has regular public transport and is the usual centre for specialist care for patients of the participating general practice.

The content of the intervention is based on interventions delivered in the previous study (ICGP), program content of chronic disease self management groups, and the priorities and difficulties experienced by people with multimorbidity as documented in literature.

Each session was divided into two halves one to address the educational topic and the second half to address participants individual goals. This group structure was chosen as self management programs with the greatest health impact are those with an individualised flexible approach to both delivery and content. Although generic self-management programs are effective they may not adequately address all of the concerns of complex patients with multimorbidity.

Educational topics chosen for each group session are as follows: fatigue management, anxiety management, medicine management, physical activity, communication. The format of this half of the session will include both group discussions and group activities.

This second half of the session, individual goal setting, will involve the OT researcher and participant reviewing and setting identified goals, progress and addressing any perceived barriers to goal achievement. All participants will complete a Canadian Occupational Performance Score (COPM) as part of baseline assessment, this can be used as the basis for the weekly goal setting in which individuals address personal goals in occupational performance that may not be addressed in educational topics.

### **Intervention Type**

Other

### **Phase**

Not Applicable

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

1. The Canadian Occupational Performance Measure (COPM) is a client-centered outcome measure designed for use by occupational therapists to detect change in a client's self-perception of occupational performance over time. The COPM is a standardised instrument administered in a semi-structured interview format at the beginning and end of OT intervention. Areas assessed using the COPM include the clients most important problems in occupational performance, perceptions of their performance in these activities and their level of satisfaction with their performance.
2. The Frenchay Activities Index (FAI) is a self report questionnaire designed to measure participation in social and instrumental activities of daily living. It measures how often the person has engaged in these activities (in the past 3 or 6 months depending on the nature of the activity). The measure contains 15 items divided into three sub scales (domestic chores, leisure work and outdoor activities) with five items in each.
3. The Nottingham Extended Activity of Daily Living Scale (NEADL) is a self-report scale measuring performance of activities of daily living, comprised of 22 items divided into four sections mobility, kitchen, domestic and leisure. Each item is given one of four responses (able, able with difficulty, able with help, unable)
4. Hospital Anxiety and Depression Scale is a reliable and valid self-assessment scale used to detect and indicate the severity of anxiety and depression in a hospital medical outpatient setting and was utilised in the previous research study. It consists of two subscales, anxiety (HADS-A) and depression (HADS-D) with seven items in each.
5. Stanford Chronic Disease Self-Efficacy Scale (6-item) measures study participants confidence levels in managing various elements of their chronic diseases such as exercise, social activities, household tasks, medication management and symptom management.
6. EQ-5D (Euroqol) is a valid and reliable self report questionnaire which measures current health related quality of life. The EQ-5D is a self report questionnaire for describing and valuing health-related quality of life (Aggarwal, 2009). It is a two-part measure consisting of a self-reported description (EQ-5D) and a self-rated valuation (EQ-VAS). The self reported description (EQ-5D) comprises five questions on mobility, self care, pain, usual activities, and anxiety/depression. The self rated valuation uses a vertical visual analogue scale (EQ-VAS) in which respondents rate their health today.

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

No secondary outcome measures

**Completion date**

30/08/2011

## Eligibility

**Key inclusion criteria**

Patients aged over 18, with multimorbidity (defined as having two or more chronic conditions) and their general practitioner (GP) identifies that they may benefit from the study

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Lower age limit**

18 years

**Sex**

All

**Key exclusion criteria**

1. Patients will be excluded if they have a significant physical or mental illness which is likely to impair capacity to participate in the programme
2. Any patient currently participating in any other study will be excluded

**Date of first enrolment**

12/12/2010

**Date of final enrolment**

30/08/2011

## Locations

**Countries of recruitment**

Ireland

**Study participating centre**

Department of General Practice,

Dubin

Ireland

2

# Sponsor information

## Organisation

HRB Centre for Primary Care Research (Ireland)

## ROR

<https://ror.org/003hb2249>

# Funder(s)

## Funder type

Other

## Funder Name

Investigator initiated and funded (Ireland)

# 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 | 01/02/2013   |            | Yes            | No              |