

# Does vitamin D stop inpatients falling? A randomised controlled trial

**Submission date**  
25/08/2005

**Recruitment status**  
No longer recruiting

☐ Prospectively registered

☐ Protocol

**Registration date**  
13/09/2005

**Overall study status**  
Completed

☐ Statistical analysis plan

☒ Results

**Last Edited**  
04/10/2007

**Condition category**  
Injury, Occupational Diseases, Poisoning

☐ 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

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
001

# Study information

## Scientific Title

## Study objectives

Does routine vitamin D and/or calcium supplementation reduce falls in older inpatients?

## 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

## Secondary study design

Randomised controlled trial

## Study setting(s)

Not specified

## Study type(s)

Not Specified

## Participant information sheet

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

Falls, musculo-skeletal, nutrition

## Interventions

Treatment group: 800 IU cholecalciferol + 1200 mg calcium

Control group: 1200 mg calcium only

## Intervention Type

Supplement

## Phase

Not Specified

## Drug/device/biological/vaccine name(s)

Vitamin D

## Primary outcome measure

1. Proportion of patients who fall
2. Total number of falls in the intervention and control groups

**Secondary outcome measures**

1. Compliance in both groups
2. Changes in functional outcomes
3. Changes in nutritional parameters
4. Vitamin D levels and change over time

**Overall study start date**

07/09/2004

**Completion date**

01/12/2005

**Eligibility****Key inclusion criteria**

All inpatients >65 years old admitted to a Geriatric rehabilitation unit

**Participant type(s)**

Patient

**Age group**

Senior

**Sex**

Both

**Target number of participants**

216

**Key exclusion criteria**

1. Bedbound or terminally ill
2. Known hypercalcaemia
3. Known urolithiasis
4. Renal failure on dialysis
5. Already on routine calcium and vitamin D supplementation
6. Those patients who are nil by mouth for medical reasons.

**Date of first enrolment**

07/09/2004

**Date of final enrolment**

01/12/2005

**Locations****Countries of recruitment**

Scotland

United Kingdom

**Study participating centre**  
**Department of Medicine for the Elderly**  
Glasgow  
United Kingdom  
G51 4TF

## Sponsor information

**Organisation**  
South Glasgow Division of Greater Glasgow Health Board (UK)

**Sponsor details**  
Southern General Hospital  
1345 Govan Road  
Glasgow  
United Kingdom  
G51 4TF

**Sponsor type**  
Research organisation

**Website**  
<http://www.nhsgg.org.uk>

**ROR**  
<https://ror.org/05kdz4d87>

## Funder(s)

**Funder type**  
Government

**Funder Name**  
South Glasgow Division of Greater Glasgow Health Board (UK)

## 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	01/09/2007		Yes	No