

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

Protocol serial number
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

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Not Specified

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(s)

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

Key secondary outcome(s)

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

Completion date

01/12/2005

Eligibility

Key inclusion criteria

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

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Senior

Sex

All

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**

United Kingdom

Scotland

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)

ROR

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

Funder(s)

Funder type

Government

Funder Name

South Glasgow Division of Greater Glasgow Health Board (UK)

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?
Results article	Results	01/09/2007		Yes	No