

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

Contact name
Dr Elizabeth Burleigh

Contact details
Department of Medicine for the Elderly
Southern General Hospital
Glasgow
United Kingdom
G51 4TF
+44 (0)141 201 1100
liz.burleigh@sgh.scot.nhs.uk

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.nhs.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? |
|---------------------------------|---------|--------------|------------|----------------|-----------------|
| Results article | Results | 01/09/2007 | | Yes | No |