

A pilot study to examine the effect of vitamin C on bone turnover and antioxidant levels in postmenopausal women with low bone density.

Submission date	Recruitment status	<input type="checkbox"/> Prospectively registered
30/09/2005	Stopped	<input type="checkbox"/> Protocol
Registration date	Overall study status	<input type="checkbox"/> Statistical analysis plan
30/09/2005	Stopped	<input type="checkbox"/> Results
Last Edited	Condition category	<input type="checkbox"/> Individual participant data
16/12/2010	Musculoskeletal Diseases	<input type="checkbox"/> Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

Protocol serial number

N0112150254

Study information

Scientific Title

Study objectives

Does Vitamin C (a natural antioxidant) reduces bone turnover in women with postmenopausal osteoporosis?

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

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Musculoskeletal Diseases: Osteoporosis

Interventions

Open label, randomised Study

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Changes in biochemical markers and antioxidant levels from baseline to end of study in vitamin C group. Group compared to controls

Key secondary outcome(s))

Not provided at time of registration

Completion date

01/11/2005

Reason abandoned (if study stopped)

Objectives no longer viable

Eligibility

Key inclusion criteria

Postmenopausal women with low bone density. Consenting healthy postmenopausal women with low bone density; osteopenia (Tscore<-1.0) as defined by the WHO 1994.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Senior

Sex

All

Key exclusion criteria

On treatment for osteoporosis or taking any bone active drugs (e.g. oestrogens, steroids, vitamin D) or known to be suffering from diseases which can affect the skeleton such as renal or liver failure, malabsorption, thyrotoxicosis).

Date of first enrolment

01/11/2004

Date of final enrolment

01/11/2005

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Epsom and St Helier NHS Trust

Carshalton

United Kingdom

SM5 1AA

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Epsom and St Helier University Hospitals NHS Trust (UK)

Funder Name

NHS R&D Support Funding

Results and Publications

Individual participant data (IPD) sharing plan**IPD sharing plan summary**

Not provided at time of registration