

# Combination therapy using calcium/vitamin D and protein/calorie supplements in nutritionally deficient women

<b>Submission date</b> 01/03/2001	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 01/03/2001	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 12/01/2009	<b>Condition category</b> Musculoskeletal Diseases	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> 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**  
AP0714

## Study information

**Scientific Title**

A randomised controlled trial of combination therapy using calcium/vitamin D and protein /calorie supplements in nutritionally deficient women: an assessment of changes in osteoporotic fracture risk

**Study objectives**

To investigate the effects of dietary advice and nutritional supplementation on bone mineral density.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

The Research Ethics Committee of the Guys and St Thomas Hospital NHS Trust gave approval

**Study design**

Randomised controlled trial

**Primary study design**

Interventional

**Study type(s)**

Treatment

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

Osteoporosis

**Interventions**

Women meeting the entry criteria will be randomised to one of two groups:

1. A control group will receive calcium/vitamin D only
2. The second group will receive dietary advice and nutritional supplements to increase their dietary intake and calcium/vitamin D

**Intervention Type**

Other

**Phase**

Not Applicable

**Primary outcome(s)**

Body composition and bone mineral density (BMD), assessed at baseline and 12 months.

**Key secondary outcome(s)**

Biochemical markers of bone turnover, measured at baseline and at 1, 3, 6, 9 and 12 months.

**Completion date**

31/08/2001

**Eligibility**

**Key inclusion criteria**

1. Women over 70 years
2. Body mass index of less than 21 kg/m<sup>2</sup>
3. Osteoporosis at the femoral neck and/or total hip

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Senior

**Sex**

Female

**Key exclusion criteria**

1. Evidence of any progressive wasting disease, e.g. carcinomatosis, severe malabsorption
2. Severe renal impairment (estimated glomerular filtration rate [GFR] less than or equal to 45 ml/min)
3. Severe cardiorespiratory diseases
4. Endocrine diseases, e.g., hyperparathyroidism, hyperthyroidism
5. Therapy with drugs known to interfere with bone metabolism such as steroids, vitamin D or its derivatives, bisphosphonates, oestrogen, raloxifene
6. Cognitive impairment (abbreviated mental test score 7 or below)

**Date of first enrolment**

01/09/1999

**Date of final enrolment**

31/08/2001

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

United Kingdom

England

**Study participating centre**

Senior Lecturer

London

United Kingdom

SE1 7EH

**Sponsor information**

**Organisation**

Action Medical Research (UK)

**ROR**

<https://ror.org/01wcqa315>

## Funder(s)

**Funder type**

Charity

**Funder Name**

Action Medical Research (UK)

**Alternative Name(s)**

action medical research for children, actionmedres, The National Fund for Research into Crippling Diseases, AMR

**Funding Body Type**

Private sector organisation

**Funding Body Subtype**

Trusts, charities, foundations (both public and private)

**Location**

United Kingdom

## Results and Publications

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

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	01/09/2003		Yes	No