

Pilot study to investigate dietary supplementation of elderly COPD patients with an oral nutritional supplement enriched with n-3 polyunsaturated fatty acids and its effect on respiratory function, appetite and weight

Submission date 30/09/2005	Recruitment status Stopped	☐ Prospectively registered ☐ Protocol
Registration date 30/09/2005	Overall study status Stopped	☐ Statistical analysis plan ☐ Results
Last Edited 19/01/2026	Condition category Respiratory	☐ Individual participant data ☐ Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Dr Gary Frost

Contact details

Nutrition & Dietetics Department
2nd Floor, C Block
Hammersmith Hospital
Du Cane Road
London
United Kingdom
W12 0HS
+44 (0)20 8383 3048(bleep 9027)
g.frost@imperial.ac.uk

Additional identifiers

Protocol serial number

N0016148139

Study information

Scientific Title

Pilot study to investigate dietary supplementation of elderly COPD patients with an oral nutritional supplement enriched with n-3 polyunsaturated fatty acids and its effect on respiratory function, appetite and weight

Study objectives

Does the addition of fish oil to a complete nutritional supplement make supplementation more effective? i.e. do patients gain more weight, improve their lung function and exercise tolerance and report improved appetite when compared to patients using supplements without fish oils?

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomized controlled trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Chronic obstructive pulmonary disease (COPD)

Interventions

Randomised controlled trial

Intervention Type

Other

Primary outcome(s)

1. Improved lung function
2. Decreased cytokine responses.

Fish oils have been used with promising results in other wasting conditions such as HIV, cancer and sepsis. There are no published trials investigating the possible benefits of fish oil supplementation in COPD patients and this proposal aims to do this.

Key secondary outcome(s))

Not provided at time of registration

Completion date

01/07/2003

Reason abandoned (if study stopped)

Participant recruitment issue

Eligibility

Key inclusion criteria

Out patients from COPD clinic at the Hammersmith Hospitals NHS Trust

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Senior

Sex

Not Specified

Total final enrolment

0

Key exclusion criteria

Does not meet inclusion criteria

Date of first enrolment

01/07/2002

Date of final enrolment

01/07/2003

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Nutrition & Dietetics Department

-

London

England

W12 0HS

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Government

Funder Name

Hammersmith Hospital NHS Trust (UK)

Funder Name

Hammersmith Hospital Trustees Research Committee (HHTRC) (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration