

Effect of Occupational Therapy in patients with Chronic Obstructive Pulmonary Disease: a randomised controlled trial

Submission date 28/06/2007	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 27/09/2007	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
Last Edited 24/01/2020	Condition category Respiratory	<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

Study information

Scientific Title
Effect of Occupational Therapy in patients with Chronic Obstructive Pulmonary Disease: a randomised controlled trial

Acronym

OT in COPD

Study objectives

Chronic Obstructive Pulmonary Disease (COPD) has functional consequences in terms of activity limitations and participation restrictions. Although there are studies evaluating the effect of multidisciplinary rehabilitation in patients with COPD, there is a lack of high quality studies examining the effect of occupational therapy on enhancing activity and participation. The aim of this study is to evaluate the effect of occupational therapy for patients with COPD compared with a group not receiving such treatment.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Obtained in November 2005 from the regional Ethical Committee. Approval from Norwegian Social Science Data Service was obtained in May 2006.

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Quality of life

Health condition(s) or problem(s) studied

Chronic obstructive pulmonary disease

Interventions

The control group receive treatment as usual; in this case no occupational therapy from the hospital. In the study the control group will be offered OT after the last measure at 12 months.

The intervention group will be offered two to three consultations of approximately 1 - 2 hours duration, depending on the kind and severity of functional limitations. The interventional group receive individual occupational therapy, including information and practical training in energy conserving methods, breathing techniques and use of assistive technology.

Intervention Type

Procedure/Surgery

Primary outcome(s)

Activity and participation, measured by The Canadian Occupational Performance Measure (COPM) and Assessment of Motor and Process Skills (AMPS).

Outcomes will be measured at baseline, and after 4 and 12 months.

Key secondary outcome(s)

1. Health-related quality of life, measured by St. George's Respiratory Questionnaire (SGRQ)
2. Lung function examined by spirometry and pulse oximetry

Outcomes will be measured at baseline, and after 4 and 12 months.

Completion date

30/06/2009

Eligibility

Key inclusion criteria

Amendments as of 02/12/2008: please note that point two of the inclusion criteria below has been updated as follows:

2. Aged 20 - 80 years

Initial information at time of registration:

1. Patients with moderate to severe COPD (Global Initiative on Obstructive Lung Disease [GOLD])

2. Aged 20 - 75 years

3. Limited ability to perform daily activities

4. Ability to communicate in Norwegian

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Total final enrolment

52

Key exclusion criteria

1. Exacerbations for last three weeks

2. Cognitive or mental impairment

3. Co-morbidity with an impact on the ability to perform daily activity

Date of first enrolment

01/05/2007

Date of final enrolment

30/06/2009

Locations

Countries of recruitment

Norway

Study participating centre
Diakonhjemmet Sykehus
Oslo
Norway
0319

Sponsor information

Organisation

The Norwegian Foundation for Health and Rehabilitation (Helse og Rehabilitering) (Norway)

Funder(s)

Funder type

Research organisation

Funder Name

The Norwegian Foundation for Health and Rehabilitation (Helse og Rehabilitering) (Norway) - <http://www.helseogrehab.no>

Funder Name

The Federation of Norwegian Commercial and Service Enterprises (HSH) (Norway) - <http://www.hsh-org.no>

Funder Name

The Norwegian Association of Occupational Therapists (NETF) (Norway) - <http://www.netf.no>

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?
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[Results article](#)

results

01/03/2017

24/01/2020

Yes

No