

# Hospital at home care in chronic obstructive pulmonary disease (COPD): a study on the associated health economy and disease-related quality of life

<b>Submission date</b> 17/01/2008	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 20/03/2008	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 20/03/2008	<b>Condition category</b> Respiratory	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data
		<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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N/A

## Study information

### Scientific Title

Hospital at home care in exacerbations of chronic obstructive pulmonary disease (COPD)

### Acronym

HBKOLS

### Study objectives

Previous studies in other countries indicate that home treatment with nursing support is suitable in selected patients with exacerbations of chronic obstructive pulmonary disease (COPD), presenting to hospital as an emergency.

### Hypothesis:

Three days of hospital at home care in mild to moderate exacerbations of COPD is cost saving in the Norwegian health care system and implies at least the same level of disease-related quality of life as traditional hospital care.

### Ethics approval required

Old ethics approval format

### Ethics approval(s)

Ethics approval received from the Regional Ethics Committee for Medical Research of East Norway on the 21st December 2007 (ref: 1.2007.2613).

### Study design

Randomised controlled trial

### Primary study design

Interventional

### Secondary study design

Randomised controlled trial

### Study setting(s)

Hospital

### Study type(s)

Quality of life

### Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

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

Chronic obstructive pulmonary disease (COPD)

### Interventions

Hospital-at-home group (experimental arm):

Three days organised by the hospitals with specially trained nurses. In the same period of time the patient can contact the lung department at the hospital by phone for advice. Thereafter, if medical follow up is needed, by the primary care system (primary physician, home nurses).

Hospital group (control arm):

As long as needed in the hospital. Thereafter, if needed, by the primary care personnel as for the other group. In contrast to the other group, the length of the in-hospital treatment is not specified.

Follow up for both groups: After 6 weeks, 6 months and 12 months.

### **Intervention Type**

Other

### **Phase**

Not Specified

### **Primary outcome measure**

Health economy measures.

Time points: 6 weeks, 6 months and 12 months.

### **Secondary outcome measures**

1. Level of disease-related quality of life, measured with the St. George Respiratory Questionnaire
2. Mental health (level of anxiety and depression), measured with the Hospital Anxiety and Depression Scale

Time points: 6 weeks, 6 months and 12 months.

### **Overall study start date**

01/03/2008

### **Completion date**

01/03/2010

## **Eligibility**

### **Key inclusion criteria**

1. Patients under 80 years of age, either sex, with exacerbation of COPD
2. Presenting to the hospital as an emergency

### **Participant type(s)**

Patient

### **Age group**

Senior

### **Sex**

Both

**Target number of participants**

180

**Key exclusion criteria**

1. Serious exacerbation including impending or actual respiratory failure
2. Serious comorbidity

**Date of first enrolment**

01/03/2008

**Date of final enrolment**

01/03/2010

## **Locations**

**Countries of recruitment**

Norway

**Study participating centre**

HØKH

Lørenskog

Norway

1478

## **Sponsor information**

**Organisation**

Regional Authorities for Hospital Care, South-East Norway (Helse Sør-Øst Norge RHF) (Norway)

**Sponsor details**

PO Box 404

Hamar

Norway

2301

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**Sponsor type**

Government

**Website**

<http://www.helse-ost.no>

ROR

<https://ror.org/02qx2s478>

## Funder(s)

### Funder type

Government

### Funder Name

Regional Authorities for Hospital Care, South-Eastern Norway (Helse Sør-Øst RHF) (Norway)

### Funder Name

The Norwegian Research Council (Norsk Forskningsråd) (Norway)

## 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