

# 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

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## Additional identifiers

**Protocol serial number**  
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

**Study type(s)**

Quality of life

**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(s)**

Health economy measures.

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

**Key secondary outcome(s)**

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.

**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

**Healthy volunteers allowed**

No

**Age group**

Senior

**Sex**

All

**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)

**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

**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?
<a href="#">Participant information sheet</a>	Participant information sheet	11/11/2025	11/11/2025	No	Yes