

# Effectiveness of pulmonary rehabilitation in chronic obstructive and restrictive lung disease in elderly patients

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		<input type="checkbox"/> Protocol
<b>Registration date</b> 23/01/2004	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
<b>Last Edited</b> 18/03/2016	<b>Condition category</b> Respiratory	<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**  
RDC00893

## Study information

**Scientific Title**

Effectiveness of pulmonary rehabilitation in chronic obstructive and restrictive lung disease in elderly patients

**Study objectives**

This prospective, randomised controlled study will assess the effects of an outpatient and home-based multidisciplinary rehabilitation programme in patients over 65 years old with chronic obstructive pulmonary disease and restrictive ventilatory disorders, by assessing the impact on physiological outcome measures, quality of life and future healthcare demands.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Not provided at time of registration

**Primary study design**

Interventional

**Study design**

Randomised controlled trial

**Study type(s)**

Treatment

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

Chronic obstructive pulmonary disease (COPD)

**Interventions**

1. Outpatient
2. Home-based multidisciplinary rehabilitation programme

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

1. Clearer understanding of the mechanism of action of pulmonary rehabilitation in elderly patients
2. Knowledge of whether the effects differ in obstructive and restrictive disorders
3. A comparison of incomes from a hospital outpatient scheme versus home-based scheme
4. Understanding of the impact of pulmonary rehabilitation on future healthcare demands

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

01/09/2000

# Eligibility

## Key inclusion criteria

1. Outpatients over 65 years of age with COPD and restrictive ventilatory disorders.
2. Forced expiratory volume in one second (FEV1) <50% pred obstructive
3. Forced vital capacity (FVC) <50% pred restrictive

## Participant type(s)

Patient

## Healthy volunteers allowed

No

## Age group

Senior

## Sex

All

## Key exclusion criteria

1. Uncontrolled cardiac disease
2. Mobility limited by non-respiratory cause

## Date of first enrolment

01/01/1998

## Date of final enrolment

01/09/2000

# Locations

## Countries of recruitment

United Kingdom

England

## Study participating centre

Royal Brompton Hospital

London

United Kingdom

SW3 6NP

# Sponsor information

## Organisation

## **Funder(s)**

### **Funder type**

Government

### **Funder Name**

NHS Executive London (UK)

## **Results and Publications**

### **Individual participant data (IPD) sharing plan**

#### **IPD sharing plan summary**

Not provided at time of registration