

# The chronic obstructive pulmonary disease (COPD) assessment test in pulmonary rehabilitation

<b>Submission date</b> 16/06/2010	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 30/07/2010	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 19/09/2013	<b>Condition category</b> 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

**Protocol serial number**  
V1 15-12-09

## Study information

**Scientific Title**  
The chronic obstructive pulmonary disease (COPD) assessment test in pulmonary rehabilitation: a prospective, multicentre cohort study

**Acronym**

CATerPillaR study

**Study objectives**

To establish what changes in chronic obstructive pulmonary disease assessment test (CAT) occur after pulmonary rehabilitation and relate these to changes in other parameters that are routinely measured.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Riverside Research Ethics Committee approved on the 11th March 2010 (ref: 10/H0706/15)

**Study design**

Prospective cohort study

**Primary study design**

Observational

**Study type(s)**

Diagnostic

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

Chronic obstructive pulmonary disease

**Interventions**

Prospective collection of routinely collected, anonymised, outcome data including the COPD assessment test score (CAT) from several pulmonary rehabilitation programs.

Pulmonary rehabilitation is a program of supervised exercise and education, usually lasting about 8 weeks designed to improve symptoms and functional capacity for patients with respiratory disease. Measures of quality of life and walking distance are taken at baseline and after the course to assess response routinely.

**Intervention Type**

Other

**Phase**

Not Applicable

**Primary outcome(s)**

Change in CAT score versus anchor score of self-reported improvement 1 - 5

**Key secondary outcome(s))**

1. Change in CAT score versus walking distance
2. Change in CAT score versus St George's Respiratory Questionnaire (SGRQ)
3. Change in CAT score versus Chronic Respiratory Disease Questionnaire (CRQ)

**Completion date**

01/09/2010

## Eligibility

### Key inclusion criteria

1. Patients aged greater than 21 years, either sex
2. With COPD
3. Participating in pulmonary rehabilitation

### Participant type(s)

Patient

### Healthy volunteers allowed

No

### Age group

Adult

### Sex

All

### Key exclusion criteria

Major co-morbidity limiting exercise

### Date of first enrolment

01/01/2010

### Date of final enrolment

01/09/2010

## Locations

### Countries of recruitment

United Kingdom

England

### Study participating centre

Royal Brompton Hospital

London

United Kingdom

SW3 6NP

## Sponsor information

**Organisation**

Imperial College London (UK)

**ROR**

<https://ror.org/041kmwe10>

**Funder(s)****Funder type**

Research organisation

**Funder Name**

NIHR Respiratory Disease Biomedical Research Unit (UK) - supported by Royal Brompton and Harefield NHS Foundation Trust and Imperial College London

**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="#">Results article</a>	results	01/05/2011		Yes	No
<a href="#">Participant information sheet</a>	Participant information sheet	11/11/2025	11/11/2025	No	Yes