

# 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

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
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

## Secondary study design

Cohort study

## Study setting(s)

Hospital

## Study type(s)

Diagnostic

## 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

## 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 measure**

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

**Secondary outcome measures**

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)

**Overall study start date**

01/01/2010

**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

**Age group**

Adult

**Sex**

Both

**Target number of participants**

200

**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**

England

United Kingdom

**Study participating centre**

**Royal Brompton Hospital**

London

United Kingdom

SW3 6NP

## **Sponsor information**

**Organisation**

Imperial College London (UK)

**Sponsor details**

Clinical Research Governance Office

Sir Alexander Fleming Building

Exhibition Road

London

England

United Kingdom

SW7 2AZ

**Sponsor type**

University/education

**Website**

<http://www3.imperial.ac.uk/clinicalresearchgovernanceoffice>

**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

## 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

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	01/05/2011		Yes	No