

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

Submission date 16/06/2010	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 30/07/2010	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 19/09/2013	Condition category Respiratory	☐ 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)

Primary study design

Observational

Study design

Prospective cohort study

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?
Results article	results	01/05/2011		Yes	No