

Markers for emphysema versus airways disease in chronic obstructive pulmonary disease (COPD)

Submission date 21/05/2010	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input checked="" type="checkbox"/> Protocol
Registration date 21/05/2010	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 27/09/2018	Condition category 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

5323

Study information

Scientific Title

Markers for emphysema versus airways disease in chronic obstructive pulmonary disease (COPD)

Acronym

Markers for Emphysema versus Airways disease in COPD

Study objectives

Our hypothesis is that the mechanisms leading to emphysema and airway disease are distinct with respect to the type of inflammatory response in terms of genetic predisposition. The differential pathogenesis for emphysema and inflammatory airway disease entails that the two forms of COPD are linked to different markers at the DNA, RNA and protein level.

The project aims at identifying these markers. The markers will be elements involved in a differential pathogenesis for the different disease processes in COPD. They can be used for diagnostic approaches and therapeutic targets.

Ethics approval required

Old ethics approval format

Ethics approval(s)

MREC approved (ref: 08/H0402/19)

Study design

Multicentre non-randomised observational prevention and cohort study

Primary study design

Observational

Secondary study design

Cohort study

Study setting(s)

Hospital

Study type(s)

Prevention

Participant information sheet

Health condition(s) or problem(s) studied

Topic: Respiratory; Subtopic: Respiratory (all Subtopics); Disease: Respiratory

Interventions

1. Blood sample
2. Bronchoscopy

3. Computed tomography (CT) Scan
4. Lung samples
5. Sputum collection

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

To use CT scanning to identify patients with COPD with predominant airway wall changes

Secondary outcome measures

1. Development of new diagnostic tools and to new therapies for COPD
2. Understanding differences in pattern of inflammation and genetic predisposition

Overall study start date

01/04/2008

Completion date

31/03/2011

Eligibility**Key inclusion criteria**

Not provided at time of registration

Participant type(s)

Patient

Age group

Child

Sex

Not Specified

Target number of participants

Planned sample size: 1000; UK sample size: 600

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/04/2008

Date of final enrolment

31/03/2011

Locations

Countries of recruitment

England

United Kingdom

Study participating centre

Medicines Evaluation Unit Ltd

Manchester

United Kingdom

M23 9QZ

Sponsor information

Organisation

University Hospitals of Leicester NHS Trust (UK)

Sponsor details

Leicester Royal Infirmary

Infirmary Square

Leicester

England

United Kingdom

LE1 5WW

Sponsor type

Hospital/treatment centre

Website

<http://www.uhl-tr.nhs.uk/>

ROR

<https://ror.org/02fha3693>

Funder(s)

Funder type

Government

Funder Name

European Commission (Belgium)

Alternative Name(s)

European Union, Comisión Europea, Europäische Kommission, EU-Kommissionen, Euroopa Komisjoni, Ευρωπαϊκή Επιτροπή, Европейская комиссия, Evropské komise, Commission européenne, Choimisiúin Eorpaigh, Europskoj komisiji, Commissione europea, La Commissione europea, Eiripas Komisiju, Europos Komisijos, Európai Bizottságról, Europese Commissie, Komisja Europejska, Comissão Europeia, Comisia Europeană, Európskej komisii, Evropski komisiji, Euroopan komission, Europeiska kommissionen, EC, EU

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

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?
Protocol article	protocol	01/10/2012		Yes	No
Results article	results	01/07/2016		Yes	No