ISRCTN44642272 https://doi.org/10.1186/ISRCTN44642272

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

Submission date 21/05/2010	**Recruitment status** No longer recruiting	[_] Prospectively registered [X] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 21/05/2010	**Overall study status** Completed	
Last Edited 27/09/2018	**Condition category** Respiratory	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr Dave Singh

Contact details
Medicines Evaluation Unit Ltd
The Langley Building
Southmoor Road
Wythenshawe
Manchester
United Kingdom
M23 9QZ
-
dsingh@meu.org.uk

Additional identifiers

Protocol serial number
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)

Primary study design
Observational

Study design
Multicentre non-randomised observational prevention and cohort study

Study type(s)
Prevention

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

Key secondary outcome(s)

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

Completion date
31/03/2011

Eligibility

Key inclusion criteria
Not provided at time of registration

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Child

Sex

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
United Kingdom

England

Study participating centre
Medicines Evaluation Unit Ltd
Manchester
United Kingdom
M23 9QZ

Sponsor information

Organisation
University Hospitals of Leicester NHS Trust (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, EC, EU

Funding Body Type
Government organisation

Funding Body Subtype
National government

Location

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/07/2016		Yes	No
Protocol article	protocol	01/10/2012		Yes	No