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A study to investigate the effects of voluntary coughing on the airways of asthmatic and COPD subjects

Submission date 28/09/2007	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 28/09/2007	**Overall study status** Completed	
Last Edited 07/06/2017	**Condition category** Respiratory	

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
N0226187456

Study information

Scientific Title

A study to investigate the effects of voluntary coughing on the airways of asthmatic and COPD subjects

Study objectives
To determine the effects of short bursts of voluntary coughing on airway physiology and lung function in asthmatic and COPD subjects.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Primary study design
Interventional

Study design
Randomised controlled trial

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Respiratory: Chronic obstructive pulmonary disease (COPD)

Interventions
Subjects will be randomised to either progressively increasing periods of voluntary coughing or no intervention, both interspersed with measurements of lung function.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
The fall in exhaled nitric oxide (eNO) following voluntary coughing.

Key secondary outcome(s)
No secondary outcome measures

Completion date
30/10/2008

Eligibility

Key inclusion criteria
1. Aged over 18
2. Physician diagnosed asthma or COPD

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 Years

Sex
All

Key exclusion criteria
1. Symptoms of upper respiratory tract infection or asthmatic/COPD exacerbation in the preceding 4 weeks
2. Involved in studies with licensed drugs or methodological studies within the preceding 4 weeks
3. Subjects taking ACE inhibitors, leukotrine receptor antagonists or cough suppressants
4. Change in asthma/COPD medication in last 4 weeks
5. Pregnancy
6. Current smokers

Date of first enrolment
30/10/2006

Date of final enrolment
30/10/2008

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
University Hospital of South Manchester NHS Foundation Trust
Manchester
United Kingdom
M23 9LT

Sponsor information

Organisation
Record Provided by the NHSTCT Register - 2007 Update - Department of Health

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
University Hospital of South Manchester NHS Foundation Trust

Funder Name
NWLC Endowment Funds

Funder Name
NHS R&D Support Funding

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration