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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
Registration date 28/09/2007	**Overall study status** Completed	[_] Statistical analysis plan [_] Results
Last Edited 07/06/2017	**Condition category** Respiratory	[_] Individual participant data [_] Record updated in last year

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

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

Study design
Randomised controlled trial

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Treatment

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
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 measure
The fall in exhaled nitric oxide (eNO) following voluntary coughing.

Secondary outcome measures
No secondary outcome measures

Overall study start date
30/10/2006

Completion date
30/10/2008

Eligibility

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

Participant type(s)
Patient

Age group
Adult

Lower age limit
18 Years

Sex
Both

Target number of participants
10 stable mild asthmatic, 10 stable COPD subjects

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
England

United Kingdom

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

Sponsor details
The Department of Health
Richmond House
79 Whitehall
London
United Kingdom
SW1A 2NL
+44 (0)207 307 2622
dhmail@doh.gsi.org.uk

Sponsor type
Government

Website
http://www.dh.gov.uk/Home/fs/en

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

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