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Assessment of changes in ventilation following induced bronchoconstriction with inhaled histamine in normal subjects using Krypton-81m ventilation scintigraphy

Submission date
30/09/2004

Recruitment status
No longer recruiting

Registration date
30/09/2004

Overall study status
Completed

Last Edited
13/02/2017

Condition category
Respiratory

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[_] Results
[_] 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
N0016132052

Study information

Scientific Title
Assessment of changes in ventilation following induced bronchoconstriction with inhaled histamine in normal subjects using Krypton-81m ventilation scintigraphy

Study objectives
The aim is to increase the understanding and develop quantitative measures of regional airway function using ventilation scanning using Krypton-81m.

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)
Not specified

Study type(s)
Other

Participant information sheet
Not available in web format, please use contact details to request a participant information sheet

Health condition(s) or problem(s) studied
Respiratory

Interventions
Single blind randomised controlled trial. The protocol compares histamine (to induce bronchoconstriction) with normal saline (as control) i.e. no bronchoconstriction.

Intervention Type
Drug

Phase
Not Applicable

Drug/device/biological/vaccine name(s)
Histamine

Primary outcome measure
1. To determine if ventilation scintigraphy can be used to determine and quantify regional changes in ventilation in the lung following histamine challenge in normal subjects
2. Also to determine the extent to which these correlate with changes in overall lung function

Secondary outcome measures
Not provided at time of registration

Overall study start date
03/07/2002

Completion date
02/07/2006

Eligibility

Key inclusion criteria
Volunteers - 8, ages 18-75

Participant type(s)
Patient

Age group
Adult

Lower age limit
18 Years

Upper age limit
75 Years

Sex
Not Specified

Target number of participants
8

Key exclusion criteria
Not provided at time of registration

Date of first enrolment
03/07/2002

Date of final enrolment

02/07/2006

Locations

Countries of recruitment
England

United Kingdom

Study participating centre
Hammersmith Hospital
London
United Kingdom
W12 0HS

Sponsor information

Organisation
Department of Health

Sponsor details
Richmond House
79 Whitehall
London
United Kingdom
SW1A 2NL

Sponsor type
Government

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

Funder(s)

Funder type
Government

Funder Name
Hammersmith Hospital NHS Trust (UK)

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