ISRCTN70267623 https://doi.org/10.1186/ISRCTN70267623

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

Contact name
Dr Philip Ind

Contact details
Department of Respiratory Medicine
Clinical Investigation Unit
Hammersmith Hospital
Du Cane Road
London
United Kingdom
W12 0HS
+44 (0)208 383 2356
p.ind@imperial.ac.uk

Additional identifiers

Protocol serial number
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

Study type(s)
Other

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(s)
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

Key secondary outcome(s))
Not provided at time of registration

Completion date

02/07/2006

Eligibility

Key inclusion criteria
Volunteers - 8, ages 18-75

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Upper age limit
75 years

Sex
Not Specified

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
United Kingdom

England

Study participating centre
Hammersmith Hospital
London
United Kingdom
W12 0HS

Sponsor information

Organisation
Department of Health

Funder(s)

Funder type
Government

Funder Name
Hammersmith Hospital NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration