Randomised controlled trial of treating dysfunctional breathing to reduce breathlessness in severe asthma

Submission date	Recruitment status	Prospectively registered
29/09/2006	No longer recruiting	☐ Protocol
Registration date	Overall study status	Statistical analysis plan
29/09/2006	Completed	Results
Last Edited	Condition category	Individual participant data
12/05/2017	Respiratory	[] Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N0226167744

Study information

Scientific Title

Randomised controlled trial of treating dysfunctional breathing to reduce breathlessness in severe asthma

Study objectives

To improve thoraco-abdominal co-ordination and hence reduce breathlessness.

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)

Treatment

Participant information sheet

Health condition(s) or problem(s) studied

Respiratory: Asthma

Interventions

- 1. Patients will undergo breathing retraining with senior physiotherapist
- 2. Control

Intervention Type

Other

Phase

Not Applicable

Primary outcome measure

Change in University of California San Diego Shortness-of-Breath Questionnaire (SOBQ) score after treatment for dysfunctional breathing

Secondary outcome measures

Not provided at time of registration

Overall study start date

06/04/2004

Completion date

15/12/2005

Eligibility

Key inclusion criteria

31 patients suffering from severe asthma:

- 1. Patients with diagnosis of asthma requiring regular maintenance medication (that includes high dose inhaled corticosteroid and long-acting B2 agonist)
- 2. High medical resource usage
- 3. Non-smoker for at least one year
- 4. Historical evidence of reversibility

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

31

Key exclusion criteria

- 1. Previous treatment for hyperventilation, dysfunctional breathing, or other functional disorder of respiratory mechanics
- 2. Participation in another trial involving respiratory intervention
- 3. Current or recent lower respiratory tract infection
- 4. Presence of other respiratory diseases
- 5. DLCO <70% predicted, significant co-morbid illness
- 6. Pregnancy or nursing mother
- 7. Psychiatric disorder
- 8. Hospitalisation for asthma within the prior 6 weeks

Date of first enrolment

06/04/2004

Date of final enrolment

Locations

Countries of recruitment

England

United Kingdom

Study participating centre North West Lung Centre Manchester United Kingdom M23 9LT

Sponsor information

Organisation

Record Provided by the NHSTCT Register - 2006 Update - Department of Health

Sponsor details

The Department of Health Richmond House 79 Whitehall London United Kingdom SW1A 2NL +44 (0)20 7307 2622 dhmail@doh.gsi.org.uk

Sponsor type

Government

Website

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

Funder(s)

Funder type

Government

Funder Name

Results and Publications

Publication and dissemination planNot provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summaryNot provided at time of registration