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

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

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

15/12/2005

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
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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

South Manchester University Hospitals NHS Trust (UK) 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