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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

Protocol serial number
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

Study type(s)
Treatment

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

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

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

Healthy volunteers allowed
No

Age group
Adult

Sex
All

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
United Kingdom

England

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

Funder(s)

Funder type
Government

Funder Name
South Manchester University Hospitals NHS Trust (UK) NHS R&D Support Funding

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration