

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
Registration date 29/09/2006	Overall study status Completed	☐ Statistical analysis plan ☐ Results
Last Edited 12/05/2017	Condition category Respiratory	☐ 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

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

Primary study design

Interventional

Study design

Randomised controlled trial

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