

The GPIAG/Leicester asthma and dysfunctional breathing project: The GLAD study (RESUBMITTED - PLEASE SEE UHL 8567)

Submission date 12/09/2003	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 12/09/2003	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 18/02/2014	Condition category Respiratory	☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

Protocol serial number

N0123119545

Study information

Scientific Title

Study objectives

1. To investigate the effects of breathing retraining supervised by a respiratory physiotherapist on clinical and physiological measures of asthma control
2. To identify the characteristics of patients who may benefit from this intervention
3. To perform a health economical evaluation of the intervention

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

Asthma

Interventions

Breathing retraining supervised by a respiratory physiotherapist compared to an attention control of generic asthma education provided by a nurse.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Asthma related quality of life (Juniper AQLQ)
2. Generic quality of life (Euroquol)
3. Asthma control (Juniper ACQ)
4. Nijmegen Questionnaire
5. Hospital Anxiety and Depression
6. Bronchial hyper-responsiveness (methacholine PC20)
7. Sputum eosinophil counts
8. Exhaled nitric oxide concentrations
9. Capnography
10. Hyperventilation studies

Measured before and 1 month after the intervention and control procedures. The questionnaires will be re-administered 6 and 12 months following the completion of intervention.

Key secondary outcome(s)

No secondary outcome measures

Completion date

31/08/2004

Eligibility

Key inclusion criteria

1. Family practice patients aged 18 - 65 years
2. A diagnosis of asthma
3. Received at least one asthma prescription in the previous year
4. With and without symptoms of dysfunctional breathing

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Sex

All

Key exclusion criteria

Does not comply with above inclusion criteria

Date of first enrolment

01/06/2002

Date of final enrolment

31/08/2004

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

University Hospitals of Leicester
Leicester
United Kingdom
LE1 4PW

Sponsor information

Organisation
Department of Health (UK)

Funder(s)

Funder type
Charity

Funder Name
National Asthma Campaign (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/01/2009		Yes	No