

Effect of mouth taping at night on asthma control

Submission date 28/09/2005	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 15/11/2005	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 15/07/2010	Condition category Respiratory	☐ Individual participant data

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
TC03/5

Study information

Scientific Title

Study objectives
Taping the mouth at night to ensure nose breathing will improve asthma control

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

Crossover design of taping mouth at night versus usual breathing

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Morning peak expiratory flow and symptom scores

Key secondary outcome(s)

1. Evening peak flow
2. Diurnal variation in peak flow
3. FEV1
4. Beta-agonist use
5. Night time waking
6. Quality of life
7. Acceptability
8. Compliance with taping

Completion date

31/05/2006

Eligibility**Key inclusion criteria**

1. Asthma
2. Age 18-72

3. Forced expiratory volume in one second (FEV1) over 50% predicted
4. Nocturnal or early morning symptoms
5. Pro re nata (prn) (as needed) beta-agonist use

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Upper age limit

72 Years

Sex

All

Key exclusion criteria

1. Previous training in Buteyko technique
2. Inability to breathe through nose
3. Known sleep apnoea
4. Over 10 pack years smoking history
5. Other significant uncontrolled disease

Date of first enrolment

27/05/2004

Date of final enrolment

31/05/2006

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Division Respiratory Medicine

Nottingham

United Kingdom

NG5 1PB

Sponsor information

Organisation

University of Nottingham (UK)

ROR

<https://ror.org/01ee9ar58>

Funder(s)

Funder type

Charity

Funder Name

British Lung Foundation (UK) -)ref: TC03/5)

Alternative Name(s)

BLF

Funding Body Type

Private sector organisation

Funding Body Subtype

Trusts, charities, foundations (both public and private)

Location

United Kingdom

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	01/06/2009		Yes	No