

An Acute Breathing Difficulties evidence based learning package

Submission date 15/09/2010	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 20/09/2010	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 24/09/2013	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

Study information

Scientific Title
An Acute Breathing Difficulties evidence based learning package: a cluster randomised controlled trial

Study objectives

Does an online learning package incorporating an acute breathing difficulties (ABD) evidence based guideline can be a satisfactory and effective adjunct in reinforcing standard teaching received to incrementally increase undergraduate students' knowledge and self-assessed confidence

Ethics approval required

Old ethics approval format

Ethics approval(s)

The University of Leicester Research Ethics Officer; Dr. Rhona Knight approved on the 26th of November 2007

Primary study design

Interventional

Study design

Cluster randomised controlled trial

Study type(s)

Other

Health condition(s) or problem(s) studied

Acute breathing difficulties in children

Interventions

1. Intervention: Online learning package consisting of the primary outcome measures, a Royal College of Paediatrics and Child Health (RCPCH) -ratified evidence based guideline on the management of acute breathing difficulties and supporting descriptive, audio & video material
2. Control: Online learning package consisting of the primary outcome measures

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

1. 24-item multiple choice question based assessment incorporating video case scenarios assessing knowledge of acute breathing difficulties
2. 7-item questionnaire utilising 5-point Likert scales assessing students self assessed confidence on a range of common paediatric skills

Key secondary outcome(s)

1. Knowledge retention 2-weeks after completion of the 7-week teaching rotation
2. Student satisfaction with the complete learning package

Completion date

20/02/2009

Eligibility

Key inclusion criteria

All medical students undertaking their paediatric clinical rotation during the study period

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

Does not match inclusion criteria

Date of first enrolment

03/03/2008

Date of final enrolment

20/02/2009

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Leicester Medical School

Leicester

United Kingdom

LE1 7RH

Sponsor information**Organisation**

University of Leicester (UK)

ROR

<https://ror.org/04h699437>

Funder(s)

Funder type
University/education

Funder Name
University of Leicester (UK)

Alternative Name(s)
UniofLeicester, UoL

Funding Body Type
Private sector organisation

Funding Body Subtype
Universities (academic only)

Location
United Kingdom

Funder Name
Leicester Postgraduate Deanery (UK)

Funder Name
Both provided funding for development of ABD learning package. No funding sources for trial conduct.

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/05/2013		Yes	No
Study website	Study website	11/11/2025	11/11/2025	No	Yes