

# An Acute Breathing Difficulties evidence based learning package

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|--|---|--|
| <b>Submission date</b><br>15/09/2010   | <b>Recruitment status</b><br>No longer recruiting | <input type="checkbox"/> Prospectively registered    |
|  |   | <input type="checkbox"/> Protocol                    |
| <b>Registration date</b><br>20/09/2010 | <b>Overall study status</b><br>Completed          | <input type="checkbox"/> Statistical analysis plan   |
|  |   | <input checked="" type="checkbox"/> Results          |
| <b>Last Edited</b><br>24/09/2013       | <b>Condition category</b><br>Respiratory          | <input type="checkbox"/> 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**  
N/A

## 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

### **Study design**

Cluster randomised controlled trial

### **Primary study design**

Interventional

### **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? |
|-------------|---------|--------------|------------|----------------|-----------------|
|-------------|---------|--------------|------------|----------------|-----------------|

|                                 |               |            |            |     |     |
|---------------------------------|---------------|------------|------------|-----|-----|
| <a href="#">Results article</a> | results       | 01/05/2013 |            | Yes | No  |
| <a href="#">Study website</a>   | Study website | 11/11/2025 | 11/11/2025 | No  | Yes |