

# E-learning versus workshops to teach critical appraisal to health professionals: a randomised controlled equivalence study

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		<input type="checkbox"/> Protocol
<b>Registration date</b> 29/09/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
<b>Last Edited</b> 27/01/2015	<b>Condition category</b> Other	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

Mrs Linda Ward

### Contact details

University Hospitals of Leicester  
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Leicester General Hospital NHS Trust  
Leicester  
United Kingdom  
LE1 4PW

## Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N0123176431

# Study information

## Scientific Title

E-learning versus workshops to teach critical appraisal to health professionals: a randomised controlled equivalence study

## Study objectives

To evaluate the effectiveness of teaching research methods and critical appraisal skills to health professionals in an on-line format compared to face to face teaching in small group workshops. It is expected that each intervention will be equally effective, so the hypotheses which is being tested by the study is that there will be between-group differences in learning of at least 10 percentage points. It is an equivalence study.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Not provided at time of registration

## Study design

Randomised controlled trial

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

Other

## Study type(s)

Other

## Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

## Health condition(s) or problem(s) studied

Critical appraisal skills

## Interventions

52 participants (26 e-learning and 26 workshops). Finding time to attend workshops has been an issue, so flexibility of e-learning will be assessed. Workshop group have 6 face-to-face workshops offering experience in research methods and e-learning group will have 3 on-line lessons on research methods, access via virtual learning environment (VLE): participants asked an initial questionnaire prior to either workshop or e-learning and sent questionnaire 1 month after participation to assess change in knowledge, skills and behaviour.

## Intervention Type

Other

**Phase**

Not Specified

**Primary outcome measure**

Differences between the groups in knowledge, skills and behaviour following the learning.

**Secondary outcome measures**

Changes in learning from baseline for each group, establishing the effectiveness of each method.

**Overall study start date**

14/12/2005

**Completion date**

31/07/2008

## **Eligibility**

**Key inclusion criteria**

Any health professional at UHL Trust who has an interest in and/or a need for developing their knowledge of research methods and skills in critical appraisal.

**Participant type(s)**

Patient

**Age group**

Adult

**Sex**

Both

**Target number of participants**

52

**Key exclusion criteria**

Not provided at time of registration

**Date of first enrolment**

14/12/2005

**Date of final enrolment**

31/07/2008

## **Locations**

**Countries of recruitment**

England

United Kingdom

**Study participating centre**  
**University Hospitals of Leicester**  
Leicester  
United Kingdom  
LE1 4PW

## **Sponsor information**

### **Organisation**

Record Provided by the NHSTCT Register - 2006 Update - Department of Health

### **Sponsor details**

The Department of Health, Richmond House, 79 Whitehall  
London  
United Kingdom  
SW1A 2NL  
+44 (0)20 7307 2622  
dhmail@doh.gsi.org.uk

### **Sponsor type**

Government

### **Website**

<http://www.dh.gov.uk/Home/fs/en>

## **Funder(s)**

### **Funder type**

Hospital/treatment centre

### **Funder Name**

University Hospitals of Leicester NHS Trust (UK)

### **Funder Name**

Department Research Funds

## **Results and Publications**

**Publication and dissemination plan**

Not provided at time of registration

**Intention to publish date****Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration