

# Examining lecture and e-technology methods of delivery to estimate with high levels of confidence, the effect size for skills and knowledge performance in Basic Life Support (BLS) and Automated External Defibrillator (AED) use

<b>Submission date</b> 29/09/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 29/09/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 29/07/2008	<b>Condition category</b> Other	<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

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**

N0038161733

## **Study information**

**Scientific Title**

**Study objectives**

What is the estimated improvement (effect size) in skill and knowledge of Basic Life Support and Automated External Defibrillator use, which can be expected with comparable mental health care (MHC) professionals completing a similar programme of face-to-face or e-learning based instruction?

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Added 29 July 2008: Ethics approval was received from the local medical ethics committee before trial recruitment began.

**Study design**

Pilot RCT

**Primary study design**

Interventional

**Secondary study design**

Randomised controlled trial

**Study setting(s)**

Not specified

**Study type(s)**

Not Specified

**Participant information sheet**

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

Not Applicable: Resuscitation

**Interventions**

Pilot RCT. Staff randomised to:

[A] Experimental e-technology education in basic life-support (BLS) with automated external

defibrillator (AED) use.

[B] Traditional face-to-face nationally approved training in basic life support (BLS) with automated external defibrillator (AED) use.

### **Intervention Type**

Other

### **Phase**

Not Specified

### **Primary outcome measure**

Measure of the effect size between online learning and face-to-face groups on an outcome criteria of 32% passing knowledge and 35% passing skills tests in BLS and AED use.

### **Secondary outcome measures**

Added 23 July 2008:

No secondary outcome measures

### **Overall study start date**

18/04/2005

### **Completion date**

17/04/2006

## **Eligibility**

### **Key inclusion criteria**

Staff at Avon & Wiltshire Mental Health Partnership NHS Trust, who are based at selected acute and chronic adult care wards.

### **Participant type(s)**

Patient

### **Age group**

Not Specified

### **Sex**

Not Specified

### **Target number of participants**

83

### **Key exclusion criteria**

1. Participants should not have received advanced life support or intermediate life support training previously in the trust
2. No evidence of BLS updating in the past 12 months

### **Date of first enrolment**

18/04/2005

**Date of final enrolment**

17/04/2006

## **Locations**

**Countries of recruitment**

England

United Kingdom

**Study participating centre**

University of the West of England

Bristol

United Kingdom

BS16 1DD

## **Sponsor information**

**Organisation**

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

**Sponsor details**

The Department of Health, Richmond House, 79 Whitehall

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**Sponsor type**

Government

**Website**

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

## **Funder(s)**

**Funder type**

Government

**Funder Name**

Avon and Wiltshire Mental Health Partnership NHS Trust (UK) NHS R&D Support Funding

# 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

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>		01/12/2008		Yes	No