# 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

Submission date	Recruitment status No longer recruiting	<ul><li>Prospectively registered</li></ul>		
29/09/2006		☐ Protocol		
Registration date	Overall study status	Statistical analysis plan		
29/09/2006	Completed	[X] Results		
Last Edited	Condition category	Individual participant data		
29/07/2008	Other			

# Plain English summary of protocol

Not provided at time of registration

# **Contact information**

# Type(s)

Scientific

#### Contact name

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# Additional identifiers

## Protocol serial number

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

## Study type(s)

**Not Specified** 

# 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(s)

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.

## Key secondary outcome(s))

Added 23 July 2008:

No secondary outcome measures

## 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** 

## Healthy volunteers allowed

No

## Age group

**Not Specified** 

#### Sex

**Not Specified** 

## 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

**United Kingdom** 

England

# 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

# Funder(s)

## Funder type

Government

## **Funder Name**

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

# **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		01/12/2008		Yes	No