

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 29/09/2006	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 29/09/2006	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 29/07/2008	Condition category Other	☐ 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

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.

Primary study design

Interventional

Study design

Pilot RCT

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