

Randomised trial of a computer software package to improve numeracy skills among nursing students

Submission date 25/02/2008	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 30/04/2008	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
Last Edited 14/11/2022	Condition category 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

Study information

Scientific Title

Randomised trial of a computer software package to improve numeracy skills among nursing students

Study objectives

The principle research question is whether the use of a supplementary computer based numeracy training programme increases numeracy skills among first year nursing students.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Health Sciences Research Governance Committee, University of York. Date of approval: 10/12/2007

Study design

Randomised, single-centre trial.

Primary study design

Interventional

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Numeracy skills of student nurses

Interventions

The intervention is a computer software package known as Authentic World which can be accessed online, participants in the intervention group will be sent details on how to access the computer software and will be able to access the software until the routine end of year numeracy testing. Participants in the control group will receive usual numeracy support. Participants in the intervention and control group will be given reminder information on how to access usual numeracy support from Departmental Staff.

Duration of intervention: 6 months (April - Oct 2008)

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Students score on the end of year numeracy test (VLE) plus six additional questions relating specifically to medication dosage calculations, at 6 months from the beginning of the intervention.

Key secondary outcome(s)

No secondary outcome measures

Completion date

10/10/2008

Eligibility**Key inclusion criteria**

First year nursing or midwifery students at the University of York.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Refusal to give consent
2. Term 1 diagnostic numeracy test score unavailable

Date of first enrolment

26/02/2008

Date of final enrolment

10/10/2008

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

York Trials Unit

York

United Kingdom

YO10 5DD

Sponsor information

Organisation

University of York (UK)

ROR

<https://ror.org/04m01e293>

Funder(s)

Funder type

University/education

Funder Name

University of York, York Trials Unit (UK)

Results and Publications

Individual participant data (IPD) sharing plan

Not provided at time of registration

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		14/07/2011		Yes	No