

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

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| 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N/A

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

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Not Specified

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

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 measure

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.

Secondary outcome measures

No secondary outcome measures

Overall study start date

26/02/2008

Completion date

10/10/2008

Eligibility

Key inclusion criteria

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

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

138

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

England

United Kingdom

Study participating centre

York Trials Unit

York

United Kingdom

YO10 5DD

Sponsor information

Organisation

University of York (UK)

Sponsor details

c/o Professor David Torgerson

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Sponsor type

University/education

ROR

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

Funder(s)

Funder type

University/education

Funder Name

University of York, York Trials Unit (UK)

Results and Publications

Publication and dissemination plan

Not provided at time of registration

Intention to publish date**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 |