

Outline

adapted from the international prospective register of systematic reviews (PROSPERO)

Condition/domain being studied

Academic performance

Population

Graduate and undergraduate students

Intervention(s)

E-health interventions, meaning that they are based on psychological theory and use a computer system or the Internet. They should also aim at behavioural or cognitive change.

Control group(s)

Inactive (e.g. waitlist, assessment only)

Outcome(s)

Measures of academic performance, such as GPA or course grades.

Hypothesis

We hypothesize that e-health interventions are effective in improving post-intervention academic performance compared to inactive control conditions.

Types of studies included

We will include randomized controlled trials (RCTs) and experiments employing a random sequence generation.

Data extraction

Data extraction will be conducted by 2 independent researchers.

Risk of bias assessment

Two independent raters will complete the Cochrane risk of bias assessment tool for all included studies. The following items will be rated as either high, unclear, or low risk of bias: random sequence generation, allocation concealment, blinding of participants, personnel, and outcome assessment, handling of missing outcome data, and selective outcome reporting.

Strategy for data synthesis

Aggregated data (i.e. means, standard deviations, sample sizes) across the individual studies will be extracted and used for quantitative analysis.

Subgroup analyses

Subgroup analyses will be conducted based on the included studies. Prospectively, we aim to conduct subgroup analyses that are commonly conducted in this field, such as on the type of intervention, the outcome, and the setting.

Start date

The conception of this study started in March 2018.

(Anticipated) completion date

We anticipate to complete the meta-analysis by the end of 2018.

Stage of review at time of registration on Figshare

	Started	Completed
Bibliographical searches		<input checked="" type="checkbox"/>
Screening against in-/exclusion criteria		<input checked="" type="checkbox"/>
Data extraction	<input checked="" type="checkbox"/>	
Risk of bias assessment	<input checked="" type="checkbox"/>	
Data analysis	<input checked="" type="checkbox"/>	

Funding sources

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Conflicts of interest

The research area of the authors is e-mental health/internet interventions.

Searches

We plan to use at least the following databases: PubMed, ERIC, Cochrane library, CINAHL, and PsycINFO.

Contact

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