Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

The effects of video podcast on learning among midwifery students: a randomized controlled trial

Protocol summary

Study aim
The purpose of this study was to compare the effects of video podcasting and lecture on learning among midwifery students

Design
This is a randomized controlled crossover trial.all of 34 Five-semester baccalaureate midwifery students of a class (with convenience sampling) will be randomized into two seventeen-person groups to receive education about gynecological diseases in two sessions.and with two method .

Settings and conduct
In this study 34 Five-semester baccalaureate midwifery students of a class in Guilan University of Medical Sciences, Rasht, Iran will be randomized into two seventeen-person groups to receive education about gynecological diseases in two sessions.In the first session, students in group A received educational materials through lecture, while their counterparts in group B receive the same materials through video podcasting. In the second session, held one week after the first session, students in group A receive educational materials through video podcasting, while their counterparts in group B receive the same materials through lecture.

Participants/Inclusion and exclusion criteria
Entry criteria:Be satisfied to participate in the study. Attend both teaching sessions.Do not have disabilities or inability to use the computer.They have not previously passed the Gynecology course Exclusion criteria:Lack of consent to participate in the study.Unable to attend both teaching sessions.Disability or inability to use the computer.They have already passed the Gynecology course

Intervention groups
Intervention group is a group that teaches video podcasting unlike usual teaching method.The control group is the group that teaches the usual teaching method, namely lecture.

Main outcome variables
Learning rate (measuring post-test scores)

General information

Reason for update
Acronym
IRCT registration information
IRCT registration number: **IRCT20190804044437N1**
Registration date: **2019-08-09, 1398/05/18**
Registration timing: **retrospective**

Last update: **2019-08-09, 1398/05/18**
Update count: **0**
Registration date
2019-08-09, 1398/05/18

Registrant information
Name
Firoozeh Firoozehchian
Name of organization / entity
Country
Iran (Islamic Republic of)
Phone
+98 13 4256 5058
Email address
firoozehchian@gmail.com

Recruitment status
Recruitment complete
Funding source

Expected recruitment start date
2015-11-10, 1394/08/19
Expected recruitment end date
2015-11-14, 1394/08/23
Actual recruitment start date
2015-11-22, 1394/09/01
Actual recruitment end date
2015-11-29, 1394/09/08

Trial completion date
2015-11-29, 1394/09/08

Scientific title
The effects of video podcast on learning among midwifery students: a randomized controlled trial

Public title
Investigating the Impact of Video Podcasting on Education

Purpose
Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:
Midwifery Student of semester 5 undergraduate. Pleased to participate in the study at both teaching sessions Have no problems or disabilities in using the computer. Be the first to choose a women's disease course.

Exclusion criteria:
Not satisfied with the study Have problems or disabilities in using a computer They have already passed the Gynecology course They cannot attend one of two teaching sessions

Age
No age limit

Gender
Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **36**
Actual sample size reached: **34**

Randomization (investigator's opinion)
Randomized

Randomization description
In this study, simple randomizaton method was used. based on their student number,34 students were randomly assigned to groups A (even numbers) and B (odd numbers) . Each group contained seventeen participants.

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Crossover

Other design features
It has no special attributes.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of Guilan University of Medical Science

Street address
Deputy of university Research and Technology of the University, In front of 17 Shahrivar Hospital, Shahid Siadati Ave, Namjoo St, RASHT- IRAN.

City
Rasht

Province
Guilan

Postal code
41446-66949

Approval date
2015-06-09, 1394/03/19

Ethics committee reference number
IR.GUMS.REC.1394.48

Health conditions studied

1

Description of health condition studied
Comparison of the effect of two methods of lecture and video podcasting in classroom teaching

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description
Post-test scores range from zero to twenty

Timepoint
Before and after each training method

Method of measurement
Evaluation of pre-test and post-test questionnaires

Secondary outcomes

empty

Intervention groups

1

Description

Category
empty

2

Description
Intervention group: The group received training in video podcasts.Because of our cross-over research, this group became the control group the following week and received lecture-based instruction.

Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Guilan Unversity of medical sciences Faculty of nursing and midwifery east of guilan

Full name of responsible person
Firoozeh Firoozehchian

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Langeroud School of Nursing and Midwifery, Yaghoub Sheikhi St., leyla kooh, Langeroud, Guilan, Iran.

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Langroud_Fac@gums.ac.ir

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Rasht University of Medical Sciences

Full name of responsible person
Dr.Shadman Nemati

Street address
Deputy of university Research and Technology of the University, In front of 17 Shahrivar Hospital, Shahid Siadati Ave, Namjoo St, RASHT- IRAN.

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Web page address
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Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes

Title of funding source
Rasht University of Medical Sciences

Proportion provided by this source
100

Public or private sector
Public

Domestic or foreign origin
Domestic

Category of foreign source of funding
empty

Country of origin

Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact

Name of organization / entity
Rasht University of Medical Sciences

Full name of responsible person
Firoozeh Firoozehchian

Position
Faculty member(instractor)

Latest degree
Master

Other areas of specialty/work
Midwifery

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Person responsible for scientific inquiries

Contact

Name of organization / entity
Rasht University of Medical Sciences

Full name of responsible person
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Person responsible for updating data

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Rasht University of Medical Sciences
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Other areas of specialty/work
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Sharing plan

Deidentified Individual Participant Data Set (IPD)
No - There is not a plan to make this available
Justification/reason for indecision/not sharing IPD
No more information
Study Protocol
No - There is not a plan to make this available
Statistical Analysis Plan
No - There is not a plan to make this available
Informed Consent Form
No - There is not a plan to make this available
Clinical Study Report
No - There is not a plan to make this available
Analytic Code
No - There is not a plan to make this available
Data Dictionary
No - There is not a plan to make this available