

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Sep 2026

the comparison of two old and new methods of teaching on learning and knowledge of midwifery students about breast cancer and its screening

Protocol summary

Study aim

Comparison of two multimedia teaching methods (multimedia) and lecture method on learning and knowledge sustainability in women's disease unit

Design

clinical trial with control group, randomized

Settings and conduct

school of Nursing, Shiraz University of Medical Sciences

Participants/Inclusion and exclusion criteria

The criteria for entering samples were to study the unit of women's diseases during the period of study at Shiraz University of Medical Sciences. The criteria for leaving the samples were from a guest attendance or transfer from a medical university of the country to Shiraz University of Medical Sciences.

Intervention groups

The group was taught by lecture methodology and other groups using multimedia breast cancer topics and screening methods.

Main outcome variables

Knowledge of students before and after intervention, knowledge sustainability in students after intervention

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180428039445N1**

Registration date: **2018-12-02, 1397/09/11**

Registration timing: **retrospective**

Last update: **2018-12-02, 1397/09/11**

Update count: **0**

Registration date

2018-12-02, 1397/09/11

Registrant information

Name

Leila Bazrafkan

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 71 3233 3064

Email address

bazrafkanl@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2016-02-20, 1394/12/01

Expected recruitment end date

2016-05-04, 1395/02/15

Actual recruitment start date

2016-06-09, 1395/03/20

Actual recruitment end date

2016-08-20, 1395/05/30

Trial completion date

2016-09-22, 1395/07/01

Scientific title

the comparison of two old and new methods of teaching on learning and knowledge of midwifery students about breast cancer and its screening

Public title

Comparison of the effect of traditional and modern teaching on the learning of midwifery students

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

The unit of gynecology is during the period of study at Shiraz University of Medical Sciences.

Exclusion criteria:

Student attendance is a guest or transfer from the medical universities of the country at Shiraz University of

Medical Sciences.

Age
No age limit

Gender
Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **50**
Actual sample size reached: **50**

Randomization (investigator's opinion)
Randomized

Randomization description
Individuals were randomly assigned to one of two study groups with the help of a random number table and received the intervention of the same group.

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of Shiraz University of Medical Sciences

Street address
Headquarters of Shiraz University of Medical Sciences, Zand Ave.

City
Shiraz

Province
Fars

Postal code
7134714336

Approval date
2016-06-06, 1395/03/17

Ethics committee reference number
IR.SUMS.REC.1395.43

Health conditions studied

1

Description of health condition studied
Compare two methods of training

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description
Knowledge

Timepoint
Before and after the intervention

Method of measurement
37 questions with 4 options with a score range of 0 to 37

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Educational content in four sessions includes recognition of breast cancer in women, identification of breast cancer screening and prevention methods, training of breast self-assessment techniques, familiarity with benign breast and malignant breast disorders by lecture method.

Category
Other

2

Description
Intervention group: Educational content in four sessions includes recognizing breast cancer in women, recognizing breast cancer screening and prevention methods, teaching breast self-assessment techniques, familiarity with benign breast and malignant breast disorders by multimedia method.

Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
School of Nursing, Shiraz University of Medical Sciences

Full name of responsible person
Camelia Torabizadeh

Street address
School of Nursing, Shiraz University of Medical Sciences, Namazi squer

City
Shiraz

Province
Fars

Postal code
7193613119

Phone
+98 71 3647 4254

Email
Nurs_midwif@sums.ac.ir
Web page address
https://www.sums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Shiraz University of Medical Sciences
Full name of responsible person
Dr Yoones Ghasemi
Street address
Headquarters of Shiraz University of Medical Sciences, Zand Ave.
City
Shiraz
Province
Fars
Postal code
7134714336
Phone
+98 71 3235 7282
Email
vcrdep@sums.ac.ir
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Shiraz 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
Shiraz University of Medical Sciences
Full name of responsible person
Leila Bazrafcan
Position
Associate professor
Latest degree
Ph.D.
Other areas of specialty/work
Medical Education
Street address
Shiraz University of Medical Sciences, Zand Ave.
City

Shiraz
Province
Fars
Postal code
7134874689
Phone
+98 71 3233 3065
Email
Bazrafkanl@sums.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity
Shiraz University of Medical Sciences
Full name of responsible person
Leila Bazrafcan
Position
Associate professor
Latest degree
Ph.D.
Other areas of specialty/work
Medical Education
Street address
Shiraz University of Medical Sciences Building, Zand Ave.
City
Shiraz
Province
Fars
Postal code
7134874689
Phone
+98 71 3233 3065
Email
Bazrafkanl@sums.ac.ir

Person responsible for updating data

Contact

Name of organization / entity
Shiraz University of Medical Sciences
Full name of responsible person
Leila Bazrafcan
Position
Associate professor
Latest degree
Ph.D.
Other areas of specialty/work
Medical Education
Street address
Shiraz University of Medical Sciences Building, Zand Ave.
City
Shiraz
Province
Fars
Postal code
7134874689
Phone
+98 71 3233 3065

Email

Bazrafkanl@sums.ac.ir

Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to

make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available