Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

Comparison of collaborative learning and context based learning (CBL) on learning, attitude and behavior of nursing students

Protocol summary

Summary

The purpose of this study was to compare the collaborative learning and context based learning (CBL) on learning, attitude and behavior of nursing students. This was a quasi-experimental study with randomized allocation that performed in two groups with 20 students. Inclusion criteria were senior nursing student and desire to participate in the study and exclusion criteria was non-cooperation. Demographic characteristics, standard questionnaires for attitude, learning and behavior evaluation of students were completed at the beginning and the end of the study in two study groups. In CBL group, clinical education of students was done according to four steps: test context, self- direction, integration of new information, and deep thought (feedback). In collaborative learning group, determining of educational needs, decision making and implementation were given to students.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013070313768N4**
Registration date: **2013-07-20, 1392/04/29**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2013-07-20, 1392/04/29

Registrant information

Name

Ali Hassanpour Dehkordi

Name of organization / entity

Shahrekord Medical University of Sciences

Country

Iran (Islamic Republic of)

Phone

+98 38 1334 1699

Email address

ali@skums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research and technology, shahrekord University of Medical Sciences

Expected recruitment start date

2013-06-03, 1392/03/13

Expected recruitment end date

2013-08-06, 1392/05/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of collaborative learning and context based learning (CBL) on learning, attitude and behavior of nursing students

Public title

Comparison of collaborative learning and context based learning (CBL) on learning, attitude and behavior of nursing students

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: Senior nursing student and desire to participate in the study. Exclusion criteria: non-cooperation

Age

From **18 years** old

Gender

Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **40**
Randomization (investigator's opinion)
Randomized
Randomization description
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 Shahrekord Medical University of Sciences
Street address
Rahmatiee, Shahrekord Medical University of Sciences
City
Shahrekord
Postal code
Approval date
2013-06-02, 1392/03/12
Ethics committee reference number
92-3-12

Health conditions studied

1

Description of health condition studied
Clinical education method
ICD-10 code
Z55.8
ICD-10 code description
Other problems related to education and literacy

Primary outcomes

1

Description
learning, attitude, and behavior change
Timepoint
At the beginning and the end of the study
Method of measurement
Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
In collaborative learning group: In collaborative learning group, determining of educational needs, decision making and implementation were given to students.
Category
Other

2

Description
Context base learning group: In context base learning group, clinical education of students was done according to four steps: test context, self- direction, integration of new information, and deep thought (feedback).
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Shahrekord school of nursing and midwifery
Full name of responsible person
Dr Mahmood Mobasheri
Street address
City
Shahrekord

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research and technology, Shahrekord University of Medical Sciences
Full name of responsible person
Dr Mahmood Mobasheri
Street address
Aytollah Kashani Street
City
Shahrekord
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice chancellor for research and technology, Shahrekord University of Medical Sciences
Proportion provided by this source
100

Public or private sector
empty
Domestic or foreign origin
empty
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
empty

Person responsible for general inquiries

Contact
Name of organization / entity
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Person responsible for scientific inquiries

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
empty
Study Protocol
empty
Statistical Analysis Plan
empty
Informed Consent Form
empty
Clinical Study Report
empty
Analytic Code
empty
Data Dictionary
empty