

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Sep 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*

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Full name of responsible person

Ali Hassanpour Dehkordi

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Assistant Professor

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City**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*