

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparison of the effects of Standardized Patient and workshop methods of teaching on midwifery students' clinical skill in providing sexual health counseling

Protocol summary

Summary

The aim of this study was to compare the effect of "training the sexual health counseling" applying two methods of "standardized patient based education" and "educational workshop" on midwifery students' clinical skill in providing sexual health counseling. In this study 62 undergraduate or postgraduate midwifery students who studied at Mashhad University of Medical Sciences in 2014 and passed the theory course of sexual disorders were selected and randomly allocated in standardized patient based or workshops groups. Students were excluded if they absent in one of training or pre or post tests sessions. Intervention in each group included 10 hours of education hold in two-days. Students' skill in providing sexual health counseling was evaluated by trained raters using objective structured clinical evaluation in 5 stations, applying validated check lists before and two weeks after the education.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014110119779N1**

Registration date: **2015-05-25, 1394/03/04**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-05-25, 1394/03/04

Registrant information

Name

Mina Ardaghi

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

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+98 51 3852 8513

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ardaghim911@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2014-10-18, 1393/07/26

Expected recruitment end date

2014-11-17, 1393/08/26

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effects of Standardized Patient and workshop methods of teaching on midwifery students' clinical skill in providing sexual health counseling

Public title

effects of teaching sexual health counseling on midwifery students' clinical skill in providing sexual health counseling

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: undergraduate and postgraduate midwifery students, passing sexual disorders theory, consent to participate in research. Exclusion criteria: the absence in one of educational sessions or course examinations.

Age

From **21 years** old to **41 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **62**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

Randomization was performed by using the table of random numbers

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics committee of Mashhad University of Medical Sciences

Street address

Central Organization of Mashhad University of Medical Sciences, Daneshgah Avenue, Mashhad

City

mashhad

Postal code**Approval date**

2014-07-12, 1393/04/21

Ethics committee reference number

922753

Health conditions studied**1****Description of health condition studied**

sexual health counseling

ICD-10 code

Z70.8

ICD-10 code description

Other sex counselling

Primary outcomes**1****Description**

students' clinical skill in providing sexual health counseling

Timepoint

Once before the intervention and again two weeks after the intervention

Method of measurement

According to step by step checklist

Secondary outcomes

empty

Intervention groups**1****Description**

Intervention 1: In standardized patient-based group, the educational content include definition and fundamentals of sexual health counseling, sexual history taking, normal intercourse, sexual activity during pregnancy, breast feeding and menopause and sexual disorders that were delivered using lecture, slide show and questions and answers in the first day. On the second day the students were divided into five small groups. Education was performed with 5 standard patients with different complains that played five different scenarios. In each small group, students practiced the sexual history taking, diagnosis and treatment for one of standardized patients for 30 minutes. Then all groups joint in a large group and in each session that lasted for nearly 50 minutes, a student from each group, took a sexual history from a SP that previously practiced in small group and presented her diagnosis and treatment plan and answered to the students' questions in this regard. Ultimately researchers presented the required complementary explanation about the SP's complaint and summarized the discussion.

Category

Other

2**Description**

Intervention 2: In workshop group, the educational content and teaching methods were similar to the standardized patient group on the first day. On the second day students were divided into six small groups and each group had 5 times of small group discussion. In each time, they studied a case and discussed about it in 30 minutes. The cases were similar to scenarios of standardized patient of previous group. After each session of discussion about the cases, the small groups joint together and during the next 30 minutes, one of the students presented the results of their group discussion and answered to the students' questions in this regard. Ultimately researchers presented the complementary explanation about each case and answered the students' questions.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Faculty of Nursing and Midwifery of Mashhad

Full name of responsible person

Mina Ardaghi

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Mashhad University of
Medical Sciences

Full name of responsible person

Mohsen Tafaghodi

Street address

Central Organization of Mashhad University of Medical
Sciences, Daneshgah Avenue, Mashhad

City

Mashhad

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, Mashhad 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**

Faculty of Nursing and Midwifery of Mashhad

Full name of responsible person

Mina Ardaghi

Position

postgraduate Midwifery Students

Other areas of specialty/work**Street address**

Faculty of Nursing and Midwifery, Ibn-Sina Avenue,

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Full name of responsible person

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Assistant professor in Reproductive Health

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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