

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Jun 2026

Developing, implementing and effectiveness evaluation of educational blended (online and face to face) tour of early clinical exposure by perceptor incompare with near peer teaching

Protocol summary

Study aim

Determining and comparing the design, implementation and evaluation of the effect of a combined training tour (virtual and face-to-face) Early clinical exposure by Perceptor compared to training through a close counterpart

Design

This is a quasi-experimental parallel clinical trial. This study is performed in 3 phases of design, implementation and evaluation in groups A and B. In group A, all educational activities by the teacher and in group B by close educational peers

Settings and conduct

The research is a quasi-experimental parallel clinical trial. This study is performed in three phases of design, implementation and evaluation and in groups A and B. The training program includes a combination of a virtual session, a session as attending a clinical skills center and a session as a visit to the centers in group A (training by perspective) in group B (training by close peer).

Participants/Inclusion and exclusion criteria

Inclusion criteria include being in the first semester, studying in the School of Nursing and Midwifery of Shahid Sadoughi University of Medical Sciences
Exclusion criteria include transfer students to other universities and acute mental health problems
کارآزمایی بالینی موازی نیمه تجربی می باشد این مطالعه در 3 فاز طراحی، اجرا کلیه اقدامات A انجام می شود. در گروه B و ارزشیابی و در گروه توسط همتایان آموزشی نزدیک آموزش توسط استاد و در گروه

Intervention groups

In group A (intervention) all educational measures by the teacher and in group B by close educational peers (intervention)

Main outcome variables

Attitude Anxiety Student Satisfaction

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20160809029281N2**

Registration date: **2021-12-25, 1400/10/04**

Registration timing: **registered_while_recruiting**

Last update: **2021-12-25, 1400/10/04**

Update count: **0**

Registration date

2021-12-25, 1400/10/04

Registrant information

Name

Fateme Moshirenia

Name of organization / entity

Isfahan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 35 3521 9358

Email address

f.moshirenia@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-12-16, 1400/09/25

Expected recruitment end date

2022-01-15, 1400/10/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Developing, implementing and effectiveness evaluation of educational blended (online and face to face) tour of early clinical exposure by perceptor incompare with near peer teaching

Public title

Developing, implementing and effectiveness evaluation of educational blended (online and face to face) tour

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Being one semester Studied at the Faculty of Nursing and Midwifery, Shahid Sadoughi University of Medical Sciences

Exclusion criteria:

Transfer student to other universities Acute mental health problems

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 30

Randomization (investigator's opinion)

Randomized

Randomization description

Our projected sample size is 24 first semester students, of which 12 are in each group. Sample allocation was designed by the epidemiologist using the randomization block method and using the site: www.sealedenvelope.com

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 in Research Infertility Research Center - Shahid Sadoughi University of Medical Sci

Street address

Timsar fallahi Ave.,yazd Town

City

yazd

Province

Yazd

Postal code

8943163589

Approval date

2021-10-31, 1400/08/09

Ethics committee reference number

IR.SSU.RSI.REC.1400.016

Health conditions studied

1

Description of health condition studied

Attitude, Anxiety, Satisfaction

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Anxiety

Timepoint

Three baseline time intervals, one week after the end of the clinical and early exposure training tour After the first real clinical encounter in the semester internship

Method of measurement

Spielberger Obvious Anxiety Questionnaire

2

Description

Attitude

Timepoint

Three baseline time intervals, one week after the end of the clinical and early exposure training tour After the first real clinical encounter in the semester internship

Method of measurement

Professional Attitude Assessment Questionnaire

3

Description

satisfaction

Timepoint

Two time periods one week after the end of the early clinical exposure training tour and after the first actual clinical exposure in the semester internship

Method of measurement

Kirk Patrick Satisfaction Questionnaire

Secondary outcomes

1

Description

Satisfaction of professors

Timepoint

Two time periods after the end of the early clinical exposure training tour and after the first real clinical exposure during the internship in the second semester

Method of measurement

Visual analogue scale

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

The training program in group A (training by perceptor) or group B (training by close counterpart) includes delivery by mannequin simulation method in 3 stages. In the first stage, explanation about simulation, in the second stage, teaching the subject to the participants and preparing the training scene and a brief exercise by observing and touching the mannequin and a brief practice of delivery, and in the third stage, the exact implementation of delivery training by simulation using Mannequin and answering students' questions. In group A, all actions are performed by the teacher and in group B by educational peers

Category

N/A

2**Description**

Group B (training by close peers), in this group all trainings are done by 7th semester midwifery students as peers

Category

N/A

Recruitment centers**1****Recruitment center****Name of recruitment center**

Yazd School of Nursing and Midwifery

Full name of responsible person

Fateme Moshirenia

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Timsar Fallhi Ave., Yazd Town

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Email

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Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Yazd University of Medical Sciences

Full name of responsible person

Behnaz Enjezab

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Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

No

Title of funding source

Yazd 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**

Yazd University of Medical Sciences

Full name of responsible person

Fateme Moshirenia

Position

Professor

Latest degree

Master

Other areas of specialty/work

Gynecology and Obstetrics

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

Fateme Moshirenia

Position

Professor

Latest degree

Master

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

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Full name of responsible person

Fateme Moshirenia

Position

Professor

Latest degree

Master

Other areas of specialty/work

Gynecology and Obstetrics

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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