Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Investigation the effect of communication skills training based on Calgary- Cambridge model on interviewing skill of midwifery students

Protocol summary

Study aim
Determining the communication skills training effect based on Calgary-Cambridge model on interviewing skill of midwifery students

Design
Field Trial with Control Group, Parallel Groups, First Stage Available, Random Allocation Method Based on Evans Check Score and Graduate Schedule

Settings and conduct
This study will be conducted at Golestan University of Medical Sciences. Blinding will not be done in this research.

Participants/Inclusion and exclusion criteria
Inclusion criteria: Bachelor of Science student in training in Midwifery at Golestan University of medical sciences, being at 6th or 8th semester. Exclusion criteria: being in training (not going to be graduated) until the end of the study.

Intervention groups
Intervention group Communication skills based on the Calgary-Cambridge model are taught to the test group. control group They do not receive any intervention.

Main outcome variables
interviewing skill

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20180516039692N1**
Registration date: **2018-06-13, 1397/03/23**
Registration timing: **retrospective**

Last update: **2018-06-13, 1397/03/23**
Update count: **0**

Registration date
2018-06-13, 1397/03/23

Registrant information

Name
shohreh ghasemi

Name of organization / entity

Country
Iran (Islamic Republic of)

Phone
+98 17 1442 1660

Email address
shohreh.ghasemi@goums.ac.ir

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2018-03-14, 1396/12/23

Expected recruitment end date
2018-03-16, 1396/12/25

Actual recruitment start date
2018-05-26, 1397/03/05

Actual recruitment end date
2018-05-28, 1397/03/07

Trial completion date
empty

Scientific title
Investigation the effect of communication skills training based on Calgary- Cambridge model on interviewing skill of midwifery students

Public title
Investigation of communication skills training effect based on Calgary- Cambridge model on interviewing skill midwifery students

Purpose
Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:
Bachelor of Science student in training in Midwifery at Golestan University of medical sciences, being at 6th or 8th semester.

Exclusion criteria:
being in training (not going to be graduated) until the end of the study.

Age
No age limit

Gender
Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **30**
Actual sample size reached: **28**

Randomization (investigator's opinion)
Not 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 Golestan University of Medical Sciences

Street address
Golestan University of Medical Sciences, Higher Education Complex, 1st Road of Shast Kola, Km 5 Gorgan Road to Sari

City
Gorgan

Province
Golestan

Postal code
4934174515

Approval date
2018-03-14, 1396/12/23

Ethics committee reference number
IR.GOUMS.REC.1396.315

Health conditions studied

1

Description of health condition studied
interviewing skill, communication skill

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description
interviewing skill on Evans checklist

Timepoint
Before the intervention and 4 weeks after the intervention

Method of measurement
Evans checklist

Secondary outcomes

1

Description
Communication Skill Score in Queen Dom Questionnaire

Timepoint
Before the intervention and 4 weeks after the intervention

Method of measurement
Queen Dom Questionnaire

Intervention groups

1

Description
Intervention group: training based on Calgary-Cambridge model. First, communication skills based on the Calgary-Cambridge model(16 hours, 4 sessions, 4 hours, twice a week, in the first session of basic education in communication skills based on model and expression Importance of this, relationship between doctor and patient, communication models, second session effective communication training, interviewing, information gathering and structuring, third session of empathy education, establishing relationship, explaining to the patient and ending the interview and fourth session of the working group , Seeing educational videos, and discussing and discussing all the components of the model) with the help of the lecture Role play, group discussions, brainstorming, film screenings and more are education by the researcher. Then, the difference in the skill of conducting interviews is measured by the checklist in the pre test and post test stages and compared with each other.

Category
Other

2

Description
Control group: It does not receive any intervention. The difference in the skill of conducting interviews is measured by a checklist in the pre test and post test phase and compared with each other.

Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Golestan University of medical sciences

Full name of responsible person
shohreh ghasemi

Street address
Golestan University of Medical Sciences, Higher Education Complex, 1st Road of Shast Kola, Km 5 Gorgan Road to Sari

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shohreh.ghasemi@goums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Gorgan University of Medical Sciences

Full name of responsible person
Mohammad reza Honarvar

Street address
Golestan University of Medical Sciences, Higher Education Complex, 1st Road of Shast Kola, Km 5 Gorgan Road to Sari

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Email
honarvar@goums.a.ir

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes

Title of funding source
Gorgan 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
Gorgan University of Medical Sciences

Full name of responsible person
Shohreh ghasemi

Position
Student, Masters, Midwifery Consultation

Latest degree
Bachelor

Other areas of specialty/work
Midwifery

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Golestan University of Medical Sciences, Higher Education Complex, 1st Road of Shast Kola, Km 5 Gorgan Road to Sari

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Person responsible for scientific inquiries

Contact

Name of organization / entity
Gorgan University of Medical Sciences

Full name of responsible person
Asieh Sadat Baniaghil

Position
Associate Professor

Latest degree
Ph.D.

Other areas of specialty/work
Midwifery

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Person responsible for updating data

Contact

Name of organization / entity
Gorgan University of Medical Sciences
Full name of responsible person
Shohreh Ghasemi
Position
Student, Masters, Midwifery Consultation
Latest degree
Bachelor
Other areas of specialty/work
Midwifery
Street address
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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