

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

29 Jun 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

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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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**Email**

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**

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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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**Email**

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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

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**City**

Gorgan

**Province**

Golestan

**Postal code**

4934174515

## 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