

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

23 Jun 2026

### The impact of the problem solving education on interpersonal communication of midwives

#### Protocol summary

##### Summary

This study is a quasi-experimental study with pre-test and post-test design. The aim of study is to examine the effect of problem solving skill training on interpersonal communication of midwives of Kerman city hospital. Statistics community is midwives are working in hospitals of Kerman. Hospitals based on randomly divided into two groups of experimental and control, to reduce the interaction between the two groups. The sample size on the basis mean difference between two groups to certification 90% determine 100 midwives, that into census select 50 midwives in experimental group and 50 midwives in control group. Inclusion criteria: Midwives have at least one year working experience, also during the last 6 months have not participated in life skills classes; Exclusion criteria: Experimental group who have not participated in at least one session or in complete questionnaire that are filled are excluded. METHOD: Type method is intervention. After explaining, participants will be entered voluntarily. In the first phase, interpersonal communication questionnaire will be given to the groups. After completion of the collected data, intervention takes place. Intervention implementation workshop to be held only for the experimental group. Workshop will be held in three-hour sessions. The workshop will be training problem-solving skills with group discussion, question and answer, brainstorming and pamphlets. Finally will be granted certificate to participant group from hospital. While the control group will be not receiving any intervention. Research tool is interpersonal communication questionnaire that so will be filled immediately and two months after finishing intervention by two groups. After data will be collected, results will be analysed on the t-test and paired-t-test. Finally results will be examined whether problem solving skill training has an effect on interpersonal communication skill?

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT201410216284N8**

Registration date: **2015-05-17, 1394/02/27**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2015-05-17, 1394/02/27

##### Registrant information

##### Name

Maryam Modarres

##### Name of organization / entity

Tehran university of Medical sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 21 6656 8142

##### Email address

modarres@sina.tums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Vice chancellor for research, Tehran university of medical sciences

##### Expected recruitment start date

2015-01-20, 1393/10/30

##### Expected recruitment end date

2015-04-09, 1394/01/20

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

## Scientific title

The impact of the problem solving education on interpersonal communication of midwives

## Public title

The impact of the problem solving education on interpersonal communication of midwives

## Purpose

Other

## Inclusion/Exclusion criteria

inclusion criteria: midwives have at least on year working experience;. also during the last 6 month have not participated in life skills classes;. exclusion criteria: experimental group who have not participated in at least one sessions ;. in complete questionnair that are filled are excluded.

## Age

From **24 years** old to **50 years** old

## Gender

Female

## Phase

2-3

## Groups that have been masked

*No information*

## Sample size

Target sample size: **100**

## 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 Tehran university of medical sciences

##### Street address

f 6th, Center organization of university, edge of Qods avenue, Keshavarz blvd Tehran

##### City

Tehran

##### Postal code

#### Approval date

2014-10-26, 1393/08/04

#### Ethics committee reference number

9111373037

## Health conditions studied

### 1

#### Description of health condition studied

Interpersonal communication

#### ICD-10 code

#### ICD-10 code description

## Primary outcomes

### 1

#### Description

Interpersonal communication

#### Timepoint

BefoR, Immidatory and tow month after intervation

#### Method of measurement

Questionnare

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group: for intervenetion, the hospitals have midwifery personnel will divide into two groups, intervention and control groups randomaly. each group consist of 50 people who will be selected based on stratified sampling. intervention implementation workshop During the three-day (each session four hours) to be held in the test group. sessions will be incloude Problem-solving skills training with group discussion, question and answer, brainstorming and pamphlets. interpersonal communication questionnaire to them on three times before, immediately after and two months after intervention. will be given to the impact of the training. finally will be grant certificate to participant group from hospital.

#### Category

Other

### 2

#### Description

Control group: the midwives that are except control group. After explaining and ask to their satisfaction,will give them interpersonal communication questionnaire and after to completewill be collected. In this group would not intervention. immediately and two months after the intervention (which is done in the intervention group) the interpersonal communication questionnaire to be given to this group. To be measured Changes before and after the intervention.

#### Category

N/A

## Recruitment centers

1

### Recruitment center

**Name of recruitment center**

Hospitals of Kerman City

**Full name of responsible person**

Modares Maryam

**Street address**

School of Nursing and Midwifery, Street Dr  
Mirkhani, Tohid square, Tehran

**City**

Kerman

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

Vice chancellor for research, Tehran university of  
medical sciences

**Full name of responsible person**

Research assistant of Tehran University of Medical  
sciences( Dr Yonessian Massoud)

**Street address**

5th floor, Central building of Tehran University of  
Medical sciences, edge of Qods Av, Keshavarz blvd,  
Tehran

**City**

Tehran

**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, Tehran 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**

Phd Medical education

**Full name of responsible person**

Dr. Modares Maryam

**Position**

Senior of Midwifery

**Other areas of specialty/work**

### Street address

School of Nursing and Midwifery, Dr Mirkhani  
Street, Tohid square, Tehran

### City

Tehran

### Postal code

### Phone

+98 21 6692 7171

### Fax

### Email

modarres@sina.tums.ac.ir

### Web page address

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Tehran University of Medical Science

**Full name of responsible person**

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**Other areas of specialty/work**

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## Person responsible for updating data

### Contact

**Name of organization / entity**

School of Nursing and Midwifery

**Full name of responsible person**

Mohseni Hamide

**Position**

master of midwifery

**Other areas of specialty/work**

**Street address**

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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*