

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

Dr. Modares Maryam

Position

Phd Medical education

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

Faculty of Nursing & Midwifery Tehran University of
Medical Science, Tohid square

City

Tehran

Postal code**Phone**

+98 21 6692 7171

Fax**Email**

m_modars@yahoo.com; hamide839164@gmail.com

Web page address

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**

School of Nursing and Midwifery, Tohid square,
Tehran

City

Tehran

Postal code**Phone**

+98 21 6692 7171

Fax**Email****Web page address**

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