

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Comparison of assertiveness and problem solving skills training on interpersonal conflicts of nurses in workplace

Protocol summary

Summary

This study was a 3 armed parallel group, randomized clinical trial to Compare the assertiveness and problem solving skills training on interpersonal conflicts of nurses in workplace. Inclusion criteria included informed consent; at least one experience of conflict with assistance in the month before the study; and the earlier were not to participate in similar workshops. Exclusion criteria were absence in the workshop for at least 2 hours. The study population comprised all of nurses in Imam Reza Hospital in Mashhad. The three floors of the hospital were divided randomized to an intervention group (problem solving training); two interventions group (Assertiveness Skills Training) and control groups. Following 30 of nurses per floors (total 90) who had inclusion criteria was selected in available option. Both interventions are held during the two-day workshop (total of 10 hours) and the control group received no intervention. The conflicts before and forty days after the interventions were examined in each groups. The result showed no significant difference among the three groups before the intervention in conflicts.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015011820698N1**

Registration date: **2015-02-23, 1393/12/04**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-02-23, 1393/12/04

Registrant information

Name

Marzieh Motahari

Name of organization / entity

Mashhad University of Medical Sciences

Country

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Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical of Sciences

Expected recruitment start date

2014-07-23, 1393/05/01

Expected recruitment end date

2015-02-14, 1393/11/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of assertiveness and problem solving skills training on interpersonal conflicts of nurses in workplace

Public title

Comparison of assertiveness and problem solving skills training on interpersonal conflicts of nurses

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: A bachelor's degree or higher in nursing; Teaching problem solving and assertiveness skills have not previously received; in the past 1 months of interpersonal conflict at work with colleagues or supervisors have. Exclusion criteria: For at least 2 hours of training programs is not present; during the research

participates on workshop related assertiveness or problem skills.

Age

From **25 years** old to **55 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **90**

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

Mashhad University of Medical of Sciences

Street address

Mashhad

City

Mashhad

Postal code

Approval date

2014-07-02, 1393/04/11

Ethics committee reference number

930014

Health conditions studied

1

Description of health condition studied

interpersonal conflicts in workplace

ICD-10 code

Z56.6

ICD-10 code description

Other physical and mental strain related to work

Primary outcomes

1

Description

Nurses interpersonal conflict at work

Timepoint

Before the intervention, one month after the intervention

Method of measurement

Interpersonal Conflict at Workplaces Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

problem solving skills training

Category

Behavior

2

Description

assertiveness skills training

Category

Behavior

3

Description

control : no intervention

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Reza Hospital, Mashhad

Full name of responsible person

mojgan Ghiyasi Ajqan

Street address

Mashhad, Imam Reza Hospital

City

mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

University of Medical of Sciences

Full name of responsible person

seyyed reza mazlom

Street address

Mashhad School of Nursing

City

mashhad

Grant name

Grant code / Reference number

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

Yes

Title of funding source

University of Medical of 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**

Mashhad School of Nursing

Full name of responsible person

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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