

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

The effect of educational intervention based on Protection-Motivation theory on status of stress in the nurses of social security hospitals in qazvin province

Protocol summary

Summary

This study is aimed to determine The effect of education based on Protection-Motivation theory on status of stress in the nurses of social security hospitals in qazvin province in 1395. The nursing intervention of Razi hospital in Qazvin and Social Security of takestan were divided randomly into two groups. The study population consisted of nurses working in these hospitals. Inclusion criteria for study includes : having work experience over one year; Lack of mental illness; employment clinical wards and exclusion criteria includes: Having work experience less than one year; having mental illness; Unemployment clinical wards. The sample size was 110 people in each group were 55 people. Educational intervention performed for case group. The intervention lasted for five one-hour sessions. The primary intervention variables were included work stress and protection motivation theory.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017050822500N2**
Registration date: **2017-05-18, 1396/02/28**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-05-18, 1396/02/28

Registrant information

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Iran University of Medical Sciences

Expected recruitment start date

2016-02-05, 1394/11/16

Expected recruitment end date

2016-03-06, 1394/12/16

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of educational intervention based on Protection-Motivation theory on status of stress in the nurses of social security hospitals in qazvin province

Public title

The effect of Health Education on Occupational Stress of Nurses

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: having work experience over one year; Lack of mental illness; employment clinical wards
Exclusion criteria: Having work experience less than one year; having mental illness; Unemployment clinical wards

Age

From **24 years** old to **44 years** old

Gender

Both

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **110****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**

Iran University of Medical Sciences

Street address

Hemmat Highway, Tehran

City

Tehran

Postal code**Approval date**

2016-01-06, 1394/10/16

Ethics committee reference number

IR.IUMS.REC 1395.9311107008

Health conditions studied**1****Description of health condition studied**

Occupational stress

ICD-10 code

Z56.3,Z56.

ICD-10 code description

Stressful work schedule,Other physical and mental strain related to work,Other and unspecified problems related to employment

Primary outcomes**1****Description**

occupational stress

Timepoint

Before intervention,one month and three months after intervention

Method of measurement

Toft-Anderson's Nursing Stress Scale (NSS)

2**Description**

Protection Motivation Theory

Timepoint

Before intervention,one month and three months after intervention

Method of measurement

researcher-made protection-motivation theory questionnaire

Secondary outcomes**1****Description**

Perceived vulnerability

Timepoint

before intervention,one month and three months after intervevention

Method of measurement

researcher-made protection-motivation theory questionnaire

2**Description**

Perceived severity

Timepoint

before intervention,one month and three months after intervention

Method of measurement

researcher-made protection-motivation theory questionnaire

3**Description**

Response Efficacy

Timepoint

before intervention,one month and three months after intervention

Method of measurement

researcher-made protection-motivation theory questionnaire

4**Description**

Self-Efficacy

Timepoint

before intervention,one month and three months after intervention

Method of measurement

researcher-made protection-motivation theory questionnaire

5

Description

Response Costs

Timepoint

before intervention, one month and three months after intervention

Method of measurement

researcher-made protection-motivation theory questionnaire

6

Description

motivation

Timepoint

before intervention, one month and three months after intervention

Method of measurement

researcher-made protection-motivation theory questionnaire

7

Description

intention

Timepoint

before intervention, one month and three months after intervention

Method of measurement

researcher-made protection-motivation theory questionnaire

8

Description

behavior

Timepoint

before intervention, one month and three months after intervention

Method of measurement

researcher-made protection-motivation theory questionnaire

Intervention groups

1

Description

Educational intervention based on protection motivation theory for five one-hour sessions in the intervention group

Category

Behavior

2

Description

No intervention in the control group

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Social Security Hospital of Takestan

Full name of responsible person

Ebrahim Elahi

Street address

City

Takestan

2

Recruitment center

Name of recruitment center

Razi Hospital

Full name of responsible person

Rahim Habibi

Street address

City

Qazvin

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Syed Ali Javad Mousavi

Street address

Hemmat Highway, Tehran

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Iran 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

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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