

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

03 Jun 2026

### The Effect of Intervention based on theory of planned behavior on the Correct body posture of Operation Room Nurses

#### Protocol summary

##### Summary

objectives: Determine the effect of interventions based on the theory of planned behavior on correct body posture of the operating room nurses . Design: randomized controlled trial . setting and conduct:REBA(observational checklist) and TPB constructs(self report questionnaire) were assessed using reliable and valid scales. The experimental group received the intervention based on TPB constructs, and control group did not receive any intervention by researcher. Pre test and 3 month after intervention post test was performed. participants including major eligibility criteria: 100 operational nurses in two groups(50 experimental group and 50 control group )that there are not history of lumber surgery and not at present Pregnancy as well as Absence of chronic lower back pain and employee over 6 months in the operating room are employed in the study. intervention:Five sessions of lecture and group discussion with educational pamphlets and posters emphasizing the promotion of the constructs of the theory of planned behavior. main outcome:The body posture during work (ergonomics) and the status of the constructs of the theory of planned behavior

#### General information

##### Acronym

-

##### IRCT registration information

IRCT registration number: **IRCT201706201087N9**  
Registration date: **2017-06-26, 1396/04/05**  
Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2017-06-26, 1396/04/05

#### Registrant information

##### Name

Rabiollah Farmanbar

##### Name of organization / entity

Guilan University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 13 1552 0149

##### Email address

farmanbar@gums.ac.ir

#### Recruitment status

##### Recruitment complete

#### Funding source

investigator

#### Expected recruitment start date

2014-04-25, 1393/02/05

#### Expected recruitment end date

2014-09-06, 1393/06/15

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

The Effect of Intervention based on theory of planned behavior on the Correct body posture of Operation Room Nurses

#### Public title

The Effect of Educational Intervention on the Correct posture of Operation Room Nurses

#### Purpose

Prevention

#### Inclusion/Exclusion criteria

Inclusion criterion: No history of lumber surgery; Not at present Pregnancy;Absence of chronic lower back pain;employee over 6 months in the operating room

Exclusion criteria: Transmission from the operating room  
;Absence more than once in the training sessions

**Age**

No age limit

**Gender**

Both

**Phase**

N/A

**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**

Six operation rooms of Rasht hospitals were randomly assigned to groups A and B, and then randomly allocated to an intervention group and a control group.

**Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

research ethic committee of Guilan university of medical sciences

**Street address**

Gues Squer

**City**

Rasht

**Postal code****Approval date**

2014-08-19, 1393/05/28

**Ethics committee reference number**

1930231607

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

Ergonomy

**ICD-10 code**

-

**ICD-10 code description**

-

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

body posture

**Timepoint**

pre intervention and 3 month

**Method of measurement**

REBA

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

construct of theory planned behavior

**Timepoint**

before intervention and 3 month post intervention

**Method of measurement**

by questionnaire

**Intervention groups****1****Description**

intervention group received educational intervention based on theory planned behavior

**Category**

Prevention

**2****Description**

control group do not received any intervention by researcher

**Category**

N/A

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Teaching and trauputic centers of rasht city

**Full name of responsible person****Street address**

Bahareh abdei

**City**

Operation room of Poursinah hospital

**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Vice chancellor for research guilan university of medical sciences

**Full name of responsible person**  
Dr Shadman Naimaty  
**Street address**  
gues squer  
**City**  
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**Grant name**  
93050607  
**Grant code / Reference number**  
93050607 1393.5.6  
**Is the source of funding the same sponsor organization/entity?**  
Yes  
**Title of funding source**  
Vice chancellor for research guilan 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

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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*