Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 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

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Guilan University of Medical Sciences
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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 allocate 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

befor intervention and 3 month post intervention

Method of measurement

by questionnare

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
Rasht
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