Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Effectiveness of use of the Precede-Proceed Model on the Prevention Behaviors of Nosocomial Infection in Nursing Staff.

Protocol summary

Summary

This study is a quasi-experimental study that aims to determine the effect of the independent variables of implementing the precede -proceed model. The aim of the study was to prevent nosocomial infections in nursing staff. The study population consisted of nurses working in internal and surgical wards In Baqiyatallah Azam Hospital. Inclusion criteria: have at least an associate's degree in nursing; consent to participate in research and the exclusion criteria was: lack of desire to continue cooperation in the study for any reason including travel, illness and inability to continue cooperation in the research. The sample size in each group of intervention and control is 35 people. A questionnaire based on research objectives and precede-proceed model is developed. After receiving test results, the nursing staff on the wards therapy were randomly assigned into two groups of exam (2 or 3 segments) and observer (2 or 3 segments) consisting of at least 35 people. After 8 weeks the test is carried out in the two groups. In the next stage, the post experiment results and the pre experiment results in the two groups of test and control groups was analyzed. The final report would be concluded based on the results of the experiment.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201606058650N9**
Registration date: **2016-08-21, 1395/05/31**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2016-08-21, 1395/05/31

Registrant information

Name
Abbas Ebadi
Name of organization / entity
Baqiyatallah University of Medical Sciences
Country
Iran (Islamic Republic of)
Phone
+98 21 2228 6057
Email address
ebadi1347@bmsu.ac.ir

Recruitment status

Recruitment complete

Funding source

Nursing Facuality Baqiatallah University of Medical Sciences

Expected recruitment start date

2016-06-21, 1395/04/01

Expected recruitment end date

2016-08-22, 1395/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effectiveness of use of the Precede-Proceed Model on the Prevention Behaviors of Nosocomial Infection in Nursing Staff.

Public title

Prevention of nosocomial infections in nursing staff

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: have at least an associate's degree in nursing; consent to participate in research. Exclusion criteria: lack of desire to continue cooperation in the

study for any reason, travel, illness and inability to continue

Age
No age limit

Gender
Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **70**

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
Baqiyatallah University of Medical Sciences

Street address
Baqiyatallah University of Medical Sciences, No. 26, South Sheikh Bahaei St., Mollasadra Ave.,

City
Tehran

Postal code
1435916471

Approval date
2016-06-07, 1395/03/18

Ethics committee reference number
IR.Bmsu.rec.1395.266

Health conditions studied

1

Description of health condition studied
Relationship Between model of preceed-proceed and behaviors prevention of nosocomial infections in nurses

ICD-10 code
-

ICD-10 code description
-

Primary outcomes

1

Description
Preceed and Proceed pattern

Timepoint
Before intervention

Method of measurement
questionnaire

Secondary outcomes

1

Description
Health Behavior, Prevention of Nosocomial Iinfections

Timepoint
Two Months after the Intervention

Method of measurement
Questionnaire

Intervention groups

1

Description
First group (intervention):Prevention of Nosocomial Infection according of health program precede-proceed pattern in a one day (8 hours).

Category
Behavior

2

Description
Second group (control): No training was provided.

Category
N/A

Recruitment centers

1

Recruitment center

Name of recruitment center
Baqiatallah University

Full name of responsible person
Ebadi Abbas

Street address
Nursing Faculity baqiatallah University Of Medical Sciences

City
Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person
Khaghanizadeh morteza

Street address
Baqiyatallah University of Medical Sciences, No. 26, South Sheikh Bahaei St., Mollasadra Ave.,

City
Tehran

Grant name

Grant code / Reference number

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

Title of funding source
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
Nursing Faculty Baqiyatallah University of Medical Sciences

Full name of responsible person
Ebadi Abbas

Position
PhD of Nursing

Other areas of specialty/work

Street address
Baqiyatallah University of Medical Sciences, No. 26, South Sheikh Bahaei St., Mollasadra Ave.,

City
Tehran

Postal code
143591647

Phone
+98 21 8248 3052

Fax
+98 21 8860 9069

Email
ebadi1347@bmsu.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Nursing Faculty Baqiyatallah University of Medical Sciences

Full name of responsible person
Ebadi Abbas

Position
PhD of Nursing

Other areas of specialty/work

Street address
Baqiyatallah University of Medical Sciences, No. 26, South Sheikh Bahaei St., Mollasadra Ave.,

City
Tehran

Postal code
1435916471

Phone
+98 21 8248 3579

Fax
+98 21 8860 9069

Email
ebadi1347@bmsu.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity
Nursing Faculty Baqiyatallah University of Medical Sciences

Full name of responsible person
Ebadi Abbas

Position
PhD of nursing

Other areas of specialty/work

Street address
Baqiyatallah University of Medical Sciences, No. 26, South Sheikh Bahaei St., Mollasadra Ave.,

City
Tehran

Postal code
1435915371

Phone
+98 212182483052

Fax
+98 912 390 6223

Email
ebadi1347@bmsu.ac.ir; ebadi1347@yahoo.com

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