

Clinical Trial Protocol

Iranian Registry of Clinical Trials

05 Aug 2026

Investing the Effect of Interprofessional Delivery Program on the Quality of Safe Care of Nurses in the Field of Patient Handoff

Protocol summary

Study aim

Investing the Effect of Interprofessional Delivery Program on the Quality of Safe Care of Nurses in the Field of Patient Handoff to the Intensive Ward in Selected Hospitals of Shahid Beheshti in 2023

Design

The clinical trial, before and after, taking into account a 10% drop in the sample size, the number of nurses will be 65 and a 20% drop in the number of nurses will be 70.

Settings and conduct

The special department of the selected hospitals of Shahid Beheshti University of Medical Sciences, at first, the quality of safe care of nurses will be measured, the number of inter-departmental deliveries in the morning and evening shifts in the special departments will be recorded in equal proportions in the two hospitals, the researcher The delivery and delivery of the patient from the special ward to the operating room and vice versa will be recorded by the nurses and assistant nurses, the way the nurses are delivered will be checked and recorded with the checklist made by the researcher, and the non-observed cases will be used for training between The professional will be listed after approving the content of the program in a training workshop and after three months, the quality of safe care will be measured again and compared.

Participants/Inclusion and exclusion criteria

Nurses should have at least six months of work experience in the special department and one year of clinical experience Have received or delivered at least one patient in different shifts Willingness and full satisfaction of nurses to complete demographic information and participate in the study

Intervention groups

The way of interprofessional handover of nurses is examined before and after the intervention and it is checked whether the designed interprofessional handover training could affect the quality of safe care or not.

Main outcome variables

Average quality score for safe care

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20231015059729N1**

Registration date: **2023-10-25, 1402/08/03**

Registration timing: **prospective**

Last update: **2023-10-25, 1402/08/03**

Update count: **0**

Registration date

2023-10-25, 1402/08/03

Registrant information

Name

Fatemeh Saleh

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 8801 7240

Email address

fatemehsaleh@sbmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-11-21, 1402/08/30

Expected recruitment end date

2024-11-20, 1403/08/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investing the Effect of Interprofessional Delivery Program on the Quality of Safe Care of Nurses in the Field of Patient Handoff

Public title

"Investing the Effect of Interprofessional Delivery Program on the Quality of Safe Care of Nurses in the Field of Patient Handoff": "The Effect of Interprofessional Delivery on the Quality of Safe care":

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

Nurses should have at least six months of work experience in the special department and one year of clinical experience Have received or delivered at least one patient in different shifts Willingness and full satisfaction of nurses to complete demographic information and participate in the study

Exclusion criteria:

Nurses should not get sick or move or take leave during study

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 70

Randomization (investigator's opinion)

N/A

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Other

Other design features**Secondary Ids**

empty

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

Research Ethics Committees of School of Pharmacy and Nursing & Midwifery-Shahid Beheshti University

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Valiasr Street, Hashemi Rafsanjani Junc, In front of

Rajaie Hospital

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Postal code

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Approval date

2023-10-09, 1402/07/17

Ethics committee reference number

IR.SBMU.PHARMACY.REC.1402.112

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

Transfer patient from the intensive care unit to the operating room

ICD-10 code

Z40- Z54

ICD-10 code description

Persons encountering health services for specific procedures and health care

2**Description of health condition studied**

A surgical patient from the operating room to the intensive care unit

ICD-10 code

Z40- Z54

ICD-10 code description

Persons encountering health services for specific procedures and health care

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

The mean score of the quality of safe care of nurses

Timepoint

Measuring the average quality score of safe care at the beginning of the study (before the intervention) and 3 months after the intervention

Method of measurement

Safe Nursing Care Evaluation Questionnaire

Secondary outcomes

empty

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

Intervention : Implementation of the Interprofessional delivery program and its impact on the quality of safe nursing care. Having the list of patients' names, the researcher was present in the hospital in the relevant

departments, and the nurses and assistant nurses recorded the delivery and pick-up of patients from the special department to the operating room and vice versa by using a Sony ICD-PX470 audio recorder. will be recorded and this process will continue until the sample is completed. With the checklist made by the researcher, the delivery method of the nurses will be checked and recorded, and the non-observed cases will be listed for interprofessional training. ention group, In the following, according to the need for interdepartmental delivery, the educational program was compiled and given to several supervisors and professors of the nursing school for the validity of the content to qualitatively check the validity of the content and after confirming the content in a training workshop and after three months, the quality of care Ayman will be re-weighed and compared. During this period, the researcher will check the interdepartmental delivery process in different shifts and notify the nurses if there is any problem.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Loghman-e Hakim

Full name of responsible person

Masoumeh Mokhatab

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Lashkar Crossroads, Loghman-e Hakim Hospital, Tehran Town,

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2

Recruitment center

Name of recruitment center

Imam Hussein

Full name of responsible person

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3

Recruitment center

Name of recruitment center

Taleqani

Full name of responsible person

Hossein Badakhshan

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4

Recruitment center

Name of recruitment center

Shohadaye Tajrish

Full name of responsible person

Maryam Bazgirian

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Afshin Zarghi

Street address

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Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Shahid Beheshti University of Medical Sciences
Proportion provided by this source
100
Public or private sector
Public
Domestic or foreign origin
Domestic
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact
Name of organization / entity
Shahid Beheshti University of Medical Sciences
Full name of responsible person
Fatemeh Saleh
Position
Student
Latest degree
Bachelor
Other areas of specialty/work
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Person responsible for scientific inquiries

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Person responsible for updating data

Contact
Name of organization / entity
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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Yes - There is a plan to make this available
Study Protocol
Yes - There is a plan to make this available
Statistical Analysis Plan
No - There is not a plan to make this available
Informed Consent Form
Yes - There is a plan to make this available
Clinical Study Report
Undecided - It is not yet known if there will be a plan to make this available
Analytic Code
Not applicable
Data Dictionary
Not applicable

Title and more details about the data/document

Educational content for interprofessional delivery

When the data will become available and for how long

Access starts 9 months after results are published

To whom data/document is available

The right of access for researchers working in academic and scientific institutions and people working in this profession

Under which criteria data/document could be used

It can be used for treatment systems in any situation

that causes the delivery of the patient from one department to another correctly and with all the desired details

From where data/document is obtainable

To the first author

What processes are involved for a request to access data/document

Compliance with ethical principles and intellectual property of the presented materials

Comments