

Clinical Trial Protocol

Iranian Registry of Clinical Trials

22 Jul 2026

Comparison the effect of primary nursing model and case method model on the quality of patient care.

Protocol summary

Summary

The purpose of this study was to compare the effectiveness of the division of labor and the quality of patient care procedures. This study is a quasi-experimental study will do at the same time at 4 ccu training centers, research and treatment Ghaem and Imam Reza in Mashhad in 1393. The inclusion criteria for patients, hospitalized for at least 24 hours ccu, dominate the Persian language, written consent to participate in the study and the inclusion criteria for Nurses: A minimum of 2 years experience working in the ccu, a bachelor's degree in nursing and or above, attended the briefing and the Exclusion criteria: patient or nurse to transfer to another department and an unwillingness to continue to participate in the research. Similar studies using a sample size of 60 patients was estimated sample size estimation. After explaining the nurses every part of their introductory workshop will be held by the division of labor. Then the proper conduct of the case method will be monitored by the researcher. In the final discharge questionnaire was filled out by patients with quality care and to fill in the relevant sample size of these two methods will be implemented. Data analysis and will be compared quality of care in both primary nursing and case method.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014053117923N1**

Registration date: **2015-02-09, 1393/11/20**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-02-09, 1393/11/20

Registrant information

Name

Simin Sharafi

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

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Email address

sharafis921@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2014-11-06, 1393/08/15

Expected recruitment end date

2015-01-25, 1393/11/05

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison the effect of primary nursing model and case method model on the quality of patient care.

Public title

The effect of the division of labor on the quality of care

Purpose

Other

Inclusion/Exclusion criteria

inclusion criteria for patients: Persian language proficiency, age over 18 years; ccu hospitalized for at least 48 hours, a written consent to participate in research, consciousness, GCS = 15 and was able to answer questions, not the hospital staff, lack nurses Meet

the intervention group. Inclusion criteria for nurses, nursing bachelor's degree or higher, employment in the CCU at least 2 years work experience, participation in the briefing, written consent to participate in research. Exclusion criteria: patient or nurse of the desired transfer to another department, nurse, or sick leave during the hospital stay, the patient or nurse's unwillingness to participate in the research

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

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

Single blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Mashhad University of Medical Sciences

Street address

Mashhad, street doktora, School of Nursing and Midwifery

City

mashhad

Postal code**Approval date**

2014-10-26, 1393/08/04

Ethics committee reference number

research/930558/1/170

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

Quality of care

ICD-10 code

Z76.8

ICD-10 code description

Persons encountering health services in other specified circumstances

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

quality of patient care

Timepoint

After the intervention

Method of measurement

qualpac questionnaire

Secondary outcomes

empty

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

Implementation of primary nursing division of labor in both ward of ccu the Ghaem and Imam Reza hospital in Mashhad. To complete the sample size to hold a briefing after the division of labor and its implementation procedures for each department nurses.

Category

Other

2**Description**

Implementation of case method division of labor in both ward of ccu the Ghaem and Imam Reza hospital in Mashhad. To complete the sample size to hold a briefing after the division of labor and its implementation procedures for each department nurses.

Category

Other

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

Qaem Hospital

Full name of responsible person

Fateme Nezamdust

Street address**City**

Mashhad

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

Mashhad University of Medical Sciences

Full name of responsible person

Seyed Reza Mazlom

Street address

School of Nursing and Midwifery, Daneshgah Street,
Mashhad

City

Mashhad

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Mashhad 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**

Mashhad University of Medical Sciences

Full name of responsible person

Simin Sharafi

Position

Nursing Graduate Student

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Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

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Full name of responsible person

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Member of the Faculty of Nursing and Midwifery

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Mashhad University of Medical Sciences

Full name of responsible person

Simin Sharafi

Position

Nursing Graduate Student

Other areas of specialty/work**Street address****City****Postal code****Phone**

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Fax**Email****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