Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Nov 2026

Clinical trial to assess the effect of the liaison nurse on recovery process for patients after ICU discharge in comparison with routine nursing care in the general wards in the Armed Forces Hospital in Tehran

Protocol summary

Summary

(1) Objectives: In many countries liaison nurse has been considered to improve the quality of nursing care in patients discharged from the intensive care unit and fix the gap between ICU and the medical-Surgical wards. This study determines the effect of the liaison nurse's role on recovery index in patients that discharge from the intensive care unit. (2) Design: 80 patients discharged from the intensive care unit on the Medical - Surgical wards. (3) Setting and conduct: a clinical trial for patients in selected hospitals in Tehran for six months in 2013-2014 as sampling. (4) Participants including major eligibility criteria: Inclusion criteria: age between 18 and 50 years, stable hemodynamic conditions. Exclusion criteria: patients in cardiopulmonary arrest and resuscitation, sudden change in hemodynamics (5) Interventions: Nursing care is provided by ICU liaison nurses for ICU discharge patients on the medical-Surgical wards. (6) main outcome measures (variables): index patient, including vital signs, level of consciousness, length of stay, readmission, and patient satisfaction

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201306239219N4**
Registration date: **2014-08-29, 1393/06/07**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2014-08-29, 1393/06/07

Registrant information

Name

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Nursing Faculty of Baqiyatallah University of Medical Sciences

Expected recruitment start date

2013-09-23, 1392/07/01

Expected recruitment end date

2014-06-21, 1393/03/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical trial to assess the effect of the liaison nurse on recovery process for patients after ICU discharge in comparison with routine nursing care in the general wards in the Armed Forces Hospital in Tehran

Public title

The impact of liaison nurse on the quality of nursing care

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria 1. Patients are in the age range of 18-85 years 2. Absence of dysrhythmias Exclusion

criteria 1. Cardiopulmonary arrest and resuscitation 2. Sudden change and unstable in hemodynamics status

Age

From **18 years** old to **85 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **80**

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

Ethics committee of Baqiyatallah University of Medical Sciences

Street address

Nursing Faculty of Medical Sciences Baqiyatallah, Araj Square, Aghdasieh, Tehran

City

Tehran

Postal code

Approval date

2013-09-29, 1392/07/07

Ethics committee reference number

6434/3/340/س

Health conditions studied

1

Description of health condition studied

The effect of the nursing care on recovery index

ICD-10 code

XXI, Z50,

ICD-10 code description

Factors influencing health status and contact with health services, Care involving use of rehabilitation procedures, Care involving use of other rehabilitation procedures

Primary outcomes

1

Description

ICU Readmission

Timepoint

Three days after admission, discharge time

Method of measurement

Patient Satisfaction Instrument, Modified Early Warning Score

2

Description

Length of Hospital Stay

Timepoint

Three days after admission, discharge time

Method of measurement

Patient Satisfaction Instrument, Modified Early Warning Score

Secondary outcomes

1

Description

Patient satisfaction with nursing care

Timepoint

Three days after admission + discharge time

Method of measurement

Patient Satisfaction Instrument, Modified Early Warning Score

2

Description

Additional cost of treatment

Timepoint

Three days after admission, discharge time

Method of measurement

Patient Satisfaction Instrument, Modified Early Warning Score

Intervention groups

1

Description

Intervention Group 1: monitoring vital signs, education about the daily movement and activity and nutrition from liaison nurse

Category

Prevention

2

Description

Group 2: received usual nursing care from general wards staff

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center
Baqiyatallah University
Full name of responsible person
Street address
City
Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice chancellor for research, Nursing Faculty of Baqiyatallah University of Medical Sciences
Full name of responsible person
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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
Vice chancellor for research, Nursing Faculty of Baqiyatallah 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
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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