

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 2026

Impacts of liaison nurse role on family satisfaction and physiological parameters of discharging patients in the intensive care unit

Protocol summary

Family satisfaction, physiological indices

Study aim

Determining the Effect of Interface Nurse on Family Satisfaction and Physiological Indicators of Transition Patients from the Intensive Care Unit

Design

A randomized clinical trial of two groups, which will be performed on 90 patients.

Settings and conduct

The present study will be carried out in Besat Hospital of Hamadan. In this study, after the transfer order to the general ward by physician, the nurse will start the research and continue for at least 2 hours after the patient is deployed in the general ward. First, he communicates with the patient and his family, informing the patient about the transfer to the general ward, then introduces himself as the nurse of the patient. The patient in the intervention group will receive nursing services in addition to routine care. The intervention group will be visited daily by the Nurse twice a day for 3 days.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Age of patients between (18-65) years, Patients admitted to the intensive care unit who have been admitted for at least 72 hours, According to the doctor's instructions, the patient should be transferred from the intensive care unit to the general ward.
exclusion criteria: Sudden hemodynamic changes, Patient death

Intervention groups

In the intervention group, patients receive nursing services in addition to routine care. The intervention group will be visited daily by the nurse for 3 days daily for 3 days. The general patient care provided to him in the ICU will be addressed to the patient nurse and he will be trained on all the patient's care needs in the ward. In the control group, routine care involves informing the patient about the transfer to the department and its discharge by coordination.

Main outcome variables

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20160110025929N12**

Registration date: **2018-05-16, 1397/02/26**

Registration timing: **registered_while_recruiting**

Last update: **2018-05-16, 1397/02/26**

Update count: **0**

Registration date

2018-05-16, 1397/02/26

Registrant information

Name

Mehdi Molavi Vardanjani

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 81 3422 5056

Email address

m.molavi@umsha.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-03-21, 1397/01/01

Expected recruitment end date

2019-03-21, 1398/01/01

Actual recruitment start date

2018-03-21, 1397/01/01

Actual recruitment end date

empty

Trial completion date

empty

Scientific title
Impacts of liaison nurse role on family satisfaction and physiological parameters of discharging patients in the intensive care unit

Public title
Impacts of liaison nurse role on family satisfaction and physiological parameters of patients

Purpose
Supportive

Inclusion/Exclusion criteria
Inclusion criteria:
Age of patients between (18-65) years Patients admitted to the intensive care unit who have been admitted for at least 72 hours. According to the doctor's order, the patient able to transferred from the intensive care unit to the general ward
Exclusion criteria:
Sudden hemodynamic changes Patient death

Age
From **18 years** old to **65 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **90**
Actual sample size reached: **90**

Randomization (investigator's opinion)
Randomized

Randomization description
90 patients will be selected as available. Then they will be randomly divided into two groups of intervention and control using the random numbers table.

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

Ethics Committee of Hamadan University of Medical Sciences

Street address

Shahid Fahmideh St., Hamadan University of Medical Sciences, Hamadan

City
Hamadan
Province
Hamadan
Postal code
38698-65178
Approval date
2017-08-30, 1396/06/08
Ethics committee reference number
IR.UMSHA.REC.1396.411

Health conditions studied

1

Description of health condition studied

Head trauma

ICD-10 code

S06

ICD-10 code description

Intracranial injury

Primary outcomes

1

Description

Family satisfaction

Timepoint

Before and after intervention

Method of measurement

Questionnaire

2

Description

Physiological Indices

Timepoint

Before and after intervention

Method of measurement

Check list

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: In the intervention group, patients receive nursing services in addition to routine care. The intervention group will be visited daily by the nurse for 3 days daily for 3 days. The general patient care provided to him in the ICU will be addressed to the patient nurse and he will be trained on all the patient's care needs in the ward.

Category

Other

2

Description

Control group: In the control group, routine care involves informing the patient about the transfer to the department and its discharge by coordination.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Besat hospital

Full name of responsible person

Mahnaz Khatiban

Street address

Besat St, Besat hospital, Hamadan

City

Hamadan

Province

Hamadan

Postal code

38698-65178

Phone

+98 81 3838 0535

Email

khatiban@umsha.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Hamedan University of Medical Sciences

Full name of responsible person

Saeed Bashirian

Street address

Shahid Fahmideh St., Hamadan University of Medical Sciences, Hamadan

City

Hamadan

Province

Hamadan

Postal code

38698-65178

Phone

+98 81 3838 0535

Email

s-bashirian@umsha.ac.ir

Grant name

Grant code / Reference number

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

No

Title of funding source

Deputy of research and technology

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

Hamedan University of Medical Sciences

Full name of responsible person

Mahnaz Khatiban

Position

Associate Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Shahid Fahmideh St., Hamadan University of Medical Sciences, Hamadan

City

Hamadan

Province

Hamadan

Postal code

38698-65178

Phone

+98 81 3838 0535

Email

khatiban@umsha.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity

Hamedan University of Medical Sciences

Full name of responsible person

Ensieh Elyasi

Position

Student

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

Shahid Fahmideh St., Hamadan University of Medical Sciences, Hamadan

City

Hamadan

Province

Hamadan

Postal code

38698-65178

Phone

+98 81 3838 0535

Email

Ensiyeh.elyasi1984@gmail.com

Phone

+98 81 3838 0535

Email

m.molavi@umsha.ac.ir

Person responsible for updating data**Contact****Name of organization / entity**

Hamedan University of Medical Sciences

Full name of responsible person

Mehdi Molavi

Position

instructor

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

Shahid Fahmideh St., Hamadan University of Medical Sciences, Hamadan

City

Hamadan

Province

Hamadan

Postal code

38698-65178

Sharing plan**Deidentified Individual Participant Data Set (IPD)**

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

No more information

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Not applicable

Analytic Code

Not applicable

Data Dictionary

Not applicable