Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Nov 2026

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

Protocol summary

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 thegeneral ward. First, he communicates with the patient and his family, informing the patient about the transfer to the generalward, 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 public. 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 theward. In the control group, routine care involves informing the patient about the transfer to the department and its discharge by coordination.

Main outcome variables
Family satisfaction, physiological indices

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)

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+98 81 3422 5056

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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 ofpatients

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 truama

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 theward.

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
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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
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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
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Person responsible for updating data

Contact

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Position
instructor

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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