

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jul 2026

The effect of the role of liaison nurse on family patient's anxiety discharged from intensive care unit.

Protocol summary

Study aim

Determining the effect of liaison nurse on family anxiety of the discharged patients from the intensive care unit

Design

Randomized clinical trial with control and test groups, 32 Participants in each group, Random assignment to two groups

Settings and conduct

Patients are randomly divided into intervention and control groups. Before the intervention, the hospital's anxiety questionnaire is completed by self-reporting for the main caregiver at home. In the intervention group one day prior to the transfer of the patient to the home, a trained nurse will be introduced as the patient nurse and the family, and follow the patient for two weeks after transplanting the patient through the telephone. At the end of the second week, the anxiety questionnaire is completed again. The results are then analyzed. This study is carried out at Shahid Mohammadi Hospital in Bandar Abbas

Participants/Inclusion and exclusion criteria

The criteria for entering a patient to study: Age older than 18 years; first admission to the ICU; at least 72 hours admitted to the ICU; history of physical illness and mental illness known prior to admission to the ICU; clearance from the intensive care unit to the general public or home The patient's family entry criteria for study: Family member of patient, aged over 18; ability to speak and read Persian language Patient exit criteria from the study: Patients transmitted unexpectedly between 8 pm and 8 am ICU to department Exit criteria of the patient's family from the study: Responsibility for other patient care

Intervention groups

In the intervention group, in addition to the timing training, a nurse trained as a nurse will follow the patient for two weeks and lead the caregiver in the field of nursing care. In the control group, the patient is discharged with training that is given to the main

caretaker at the time of discharge.

Main outcome variables

Anxiety

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180416039317N1**

Registration date: **2018-07-09, 1397/04/18**

Registration timing: **retrospective**

Last update: **2018-07-09, 1397/04/18**

Update count: **0**

Registration date

2018-07-09, 1397/04/18

Registrant information

Name

Zahra sadat keshmiri

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 76 3334 7719

Email address

zahrakeshmiri@ssu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-03-21, 1397/01/01

Expected recruitment end date

2018-07-06, 1397/04/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date
empty

Scientific title
The effect of the role of liaison nurse on family patient's anxiety discharged from intensive care unit.

Public title
The effect of the role of liaison nurse on family patient's anxiety discharged from intensive care unit.

Purpose
Supportive

Inclusion/Exclusion criteria
Inclusion criteria:
 Age is over 18 The first admission is at ICU At least 72 hours have been admitted to the ICU There is no history of physical illness and psychiatric illness known prior to admission to the ICU Discharge from intensive care for public or home A member of the family of a patient (wife, child,father,mother, sister, or brother) Ability to speak and read Persian
Exclusion criteria:
 Transferred patients between 8 pm to 8 am ICU to department Responsibility for other patient care Patients are transferred unexpectedly from the ICU to the department

Age
From **18 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **64**

Randomization (investigator's opinion)
Randomized

Randomization description
Randomization was performed simply; randomization unit was individual;the random allocation software was used.

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 in Shahid Sadoughi University of Medical Sciences Yazd

Street address

Bahonar Square., Central Building of Yazd University of Medical Sciences

City

yazd

Province

Yazd

Postal code

8916978477

Approval date

2017-08-02, 1396/05/11

Ethics committee reference number

IR.SSU.REC.1396.92

Health conditions studied

1

Description of health condition studied

Anxiety

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Anxiety

Timepoint

Before the intervention and one week and two weeks after the discharge

Method of measurement

Anxiety and depression scale

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: In the intervention group one day prior to the transfer of the patient to the home, a nurse trained as a nurse will be referred to the patient and family and will follow the phone for two weeks after transplanting the patient through the telephone.

Category

Other

2

Description

Control group: Lack of nurse interface and routine

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Mohammadi hospital in Bandar Abbas

Full name of responsible person

Zahra sadat Keshmiri

Street address

Shahid mohammadi hospital., Boundary St

City

Bandar Abbas

Province

Hormozgan

Postal code

7914813937

Phone

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Email

zahra64nurse@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

Masood Mirzaee

Street address

Deputy for research., Central Building of Shahid Sadoughi University of Medical Sciences., Bahonar Square

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Phone

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Email

mmirzaei@ssu.ac.ir

Web page address

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Yazd 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

Yazd University of Medical Sciences

Full name of responsible person

khadijeh Nasiriani

Position

Nursing PhD

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

School of Nursing Midwifery., Buali St., Safaieh

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

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Position

Associate professor

Latest degree

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Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

zahra sadaat keshmiri

Position

nurse

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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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

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Not applicable

Analytic Code

Not applicable

Data Dictionary

Not applicable

Title and more details about the data/document

Potential data is sharable after distinguishing people

When the data will become available and for how long

Start the access period one month after the publication of result

To whom data/document is available

Researchers working in academic centers

Under which criteria data/document could be used

Data is sent through an official request and by email

From where data/document is obtainable

Zahra Keshmiri; zahra64nurse@gmail.com

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

Data is sent through an official request and by email

Comments