Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Assessment of the liaison nurses role impact on outcomes in patients transited from the emergency department to the other wards

Protocol summary

Study aim

Determining the Impact of Liaison Nursing on Outcome of Patients Transferred from Emergency Department to Other Sections

Design

The study is a two-group clinical trial before and after.The control group will receive 30 patients and the intervention group will receive 30 patients and 60 patients in total.It should be explained that in the control group, due to adequate access and random allocation, and to avoid the possibility of confounding factors, 30 patients will be enrolled in the study who will receive only routine care.It will be measured by controlling vital signs.

Settings and conduct

The process of transferring the patient to the emergency department of Baqiyatallah Hospital is done by entering the patient , a liaison nurse who has 8 years of work experience in the patient's bedside in special wards, emergency and general (main researcher) was determined.In the end, both groups were compared.

Participants/Inclusion and exclusion criteria

1. All patients who have the necessary cooperation to intervene and evaluate. 2. Have the admission to the ward under consideration and the candidate to be transferred to the other ward. 3. The patient is alert and aware of time, place and person. 4. Ability to understand and understand content in Persian 5. All patients aged 18-85 years. 6. No history of known neuropsychiatric illness 7. The patient has spontaneous breathing and is not intubated or ventilated.

Intervention groups

Intervention Nurse Intervention In this study, informed consent is first completed by explaining to the patient about the research and if the patient wishes to participate in the study. From the beginning of the hospital admission and admission to the ward, the candidate begins transferring to other departments by introducing the nurse to the patient

Main outcome variables

Patient Satisfaction Index, Hospital Anxiety of Patients, Hospitalization, Vital sign of Patients

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20190805044439N1**
Registration date: **2020-06-08, 1399/03/19**
Registration timing: **retrospective**

Last update: **2020-06-08, 1399/03/19**
Update count: **0**

Registration date

2020-06-08, 1399/03/19

Registrant information

Name

Davod Shakeri

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 83 3827 6002

Email address

davodshakeri11@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-10-25, 1398/08/03

Expected recruitment end date

2020-02-01, 1398/11/12

Actual recruitment start date

2019-10-27, 1398/08/05

Actual recruitment end date

2020-02-03, 1398/11/14

Trial completion date

2020-02-04, 1398/11/15

Scientific title

Assessment of the liaison nurses role impact on outcomes in patients transited from the emergency department to the other wards

Public title

The effect of liaison nurse on patient recovery

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria:

All patients who have the necessary cooperation to intervene and evaluate. Have the admission to the ward under consideration and the candidate to move to the other ward. The patient is alert and aware of time, place and person. Ability to understand and understand Persian language content All patients aged 18-85 years. The patient is breathing spontaneously and is not intubated or supported by a ventilator.

Exclusion criteria:

The occurrence of unpredictable events during the transfer process (such as cardiopulmonary arrest and resuscitation in the ward) Not willing to continue cooperation Transfer to other medical centers or early consent for discharge

Age

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

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **60**

Actual sample size reached: **60**

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Since few studies have been done in this area in Iran so far and no studies have been conducted in Iran regarding the presence of a liaison nurse in the emergency department and its role in patient outcomes. By using liaison nurse services in the emergency department, its role is to improve the performance indicators of the emergency department such as: length of stay in the emergency department, improvement and stabilization of vital signs, and patient satisfaction, reducing anxiety in patients. To examine. To take effective steps to reduce patient length of stay, increase patient satisfaction, reduce patient anxiety, improve and stabilize patients' vital symptoms, and ultimately improve the quality of care for these patients.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Baqiyatallah University of Medical Sciences

Street address

Sheikh Baha'i - Mulla Sadra

City

tehran

Province

Tehran

Postal code

1435916471

Approval date

2019-10-16, 1398/07/24

Ethics committee reference number

IR.BMSU.REC.1398.222

Health conditions studied

1

Description of health condition studied

The Impact of Liaison Nurses on Outcomes of Patients Transferred from Emergency Department to Other Ward in Selected Hospital

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Assessing the level of patient anxiety in the patient transfer process

Timepoint

It is performed in two stages. One is measured at the beginning of the study and before the intervention in the emergency department, and the next after the intervention and after the patient is transferred to the destination ward.

Method of measurement

The Hospital Anxiety and Depression Questionnaire, designed by Zigmon and Snow White in 1983.

2

Description

Assessing patient satisfaction in the patient transfer process

Timepoint

It is performed in two stages. One is measured at the beginning of the study and before the intervention in the emergency department, and the next after the intervention and after the patient is transferred to the destination ward.

Method of measurement

The Patient Satisfaction Questionnaire was developed in 1994 by Wolf et al. To assess patient satisfaction.

3

Description

The duration of the patient's stay in the emergency department

Timepoint

Transfer time to section

Method of measurement

From the time of admission of the patient in the emergency department to the time of transferring the patient to the ward that is registered in the patient's file, it is calculated as the length of hospitalization in the emergency department.

4

Description

Stabilization of vital signs of patients

Timepoint

Patients' vital signs are checked twice a day at the beginning of the study and twice a day in the morning and in the afternoon for 24 hours after transfer to the ward.

Method of measurement

Monitoring device (to control blood pressure and the number of breaths and the number of pulses and the patient's temperature)

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Interventional nurse begins in the intervention group of 30 and includes training and accompanying them on the conditions of the ward (portable), ward nurses and how to access them, ward facilities, differences in ward conditions and facilities. The Emergency Department and the reasons for moving to the ward will provide patients and their companions with information as well as face-to-face and face-to-face education on the type of diet, the importance, amount and how to work in and out of bed. The bed receives adaptation to the new conditions and the new ward, and the patient is nurse-assisted and nurse assisted with care. The necessary items and safety items will be shipped to the destination during transportation

Category

Behavior

2

Description

Control group: Control group: Initially 30 patients will be included in the study who will receive only routine care in the ward, and data will be collected and collected by the control group, by monitoring and recording vital signs and assessing the rate. Patients' satisfaction and anxiety will be measured with the intended tools. Finally, both intervention and control groups will be evaluated and compared based on patient outcomes including: vital signs, length of stay, satisfaction rate, hospital anxiety score.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Baqiyatallah Hospital

Full name of responsible person

Abbas Ebadi

Street address

Molla Sadra Street, Baqiyatallah Hospital, Tehran

City

Tehran

Province

Tehran

Postal code

1435915371

Phone

+98 21 8755 3131

Fax

+98 21 8803 7561

Email

Abadi1347@yahoo.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Bagheiat-allah University of Medical Sciences

Full name of responsible person

Davod shakeri

Street address

Molla Sadra Street, Baqiyatallah Hospital, Tehran

City

Tehran

Province

Tehran

Postal code

1435915371

Phone

+98 21 81261

Fax

+98 21 8803 7561

Email

Davodshakeri11@gmail.com

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Bagheiat-allah 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

Bagheiat-allah University of Medical Sciences

Full name of responsible person

Abbas Ebadi

Position

Associate professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Baqiyatallah Hospital, Molla Sadra Street, Tehran

City

Tehran

Province

Tehran

Postal code

1435915371

Phone

+98 21 8248 3131

Fax

+98 21 8803 7561

Email

Abadi1347@yahoo.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Bagheiat-allah University of Medical Sciences

Full name of responsible person

Abbas Ebadi

Position

professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Baqiyatallah Hospital, Molla Sadra Street, Tehran

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Tehran

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Phone

+98 21 8248 3131

Fax

+98 21 8803 7561

Email

ebadi1347@yahoo.com

Person responsible for updating data

Contact

Name of organization / entity

Bagheiat-allah University of Medical Sciences

Full name of responsible person

Abbas Ebadi

Position

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Phone

+98 21 8248 3131

Fax

+98 21 8803 7561

Email

Abadi1347@yahoo.com

Sharing plan

Deidentified Individual Participant Data Set (IPD)

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

Study Protocol

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

Statistical Analysis Plan

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

Informed Consent Form

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

Clinical Study Report

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

Analytic Code

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

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