Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Nov 2026

The effect of the role pf liaison nurse on anxiety ,satisfaction and medication adherence in cardiac patients referring to the emergency ward of selected Aja hospital in Tehran

Protocol summary

Study aim
Determining the effect of the role of the emergency liaison nurse on anxiety, satisfaction with medication adherence in cardiac patients who referred to the emergency room of AJA selected hospitals in Shahranharan in 1402

Design
A randomized controlled clinical trial, before and after

Settings and conduct
The research was carried out in the emergency department of Golestan Hospital in Tehran by a researcher (liaison nurse) with 18 years of experience working in cardiac departments on cardiac patients. Intervention, psychological and educational support and... completion of anxiety questionnaires before and after the intervention and satisfaction after the intervention and completion of the medication compliance questionnaire after two weeks in the group. Intervention and completion of the same questionnaires without control in the test group, and then comparison in the test and intervention group

Participants/Inclusion and exclusion criteria
Cardiac patients who refer to the emergency room who take medicine - patients who are under 18 and over 65 years old, and neuropsychiatric patients

Intervention groups
Cardiac patients who refer to the emergency room, where the nurse accompanies them from the moment they arrive until they are discharged from the emergency room, and provides them with services such as emotional support training and the necessary guidance.

Main outcome variables
Anxiety, satisfaction, medication compliance

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20231002059585N1**
Registration date: **2024-01-26, 1402/11/06**
Registration timing: **prospective**

Last update: **2024-01-26, 1402/11/06**
Update count: **0**

Registration date
2024-01-26, 1402/11/06

Registrant information

Name
Fatemeh Vafaee

Name of organization / entity

Country
Iran (Islamic Republic of)

Phone
+98 21 2637 4824

Email address
fatemehvafaee135@gmail.com

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2024-02-04, 1402/11/15

Expected recruitment end date
2024-09-20, 1403/06/30

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
The effect of the role pf liaison nurse on anxiety

,satisfaction and medication adherence in cardiac patients referring to the emergency ward of selected Aja hospital in Tehran

Public title
Investigating the effect of liaison nurse on satisfaction ,anxiety and medication compliance in cardiac patients
Purpose
Supportive
Inclusion/Exclusion criteria
Inclusion criteria:
Age over 18and over 65 years old Awere of time and place Not having mental illness and not having cognitive problems(Based on self-report) Going to the emergency room due to heart problems and taking heart medications
Exclusion criteria:
Free cancellation of cooperation Occurrence of unpredictable events during the transfer process(such as cardiorespiratory arrest and patient resuscitation)
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: **38**
Randomization (investigator's opinion)
Randomized
Randomization description
Simple random assignment(coin toss)Simple random allocation (tossing a coin), and sampling will be of an easy type (accessible), so if the coin is tossed and it lands on the tap, the first patient who goes to the emergency room who meets the conditions of the research is considered the intervention group and the next patient of the test, and vice versa, if it lands on the line, the second patient is the intervention and the first patient. The test is considered, and until the last sample, we consider an intervention patient and a test patient, respectively, until the end of the samples.
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Other
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
دانشگاه علوم پزشکی ارتش
Street address
تهران خیابان فاطمی غربی_خیابان شهید اعتماد زاده
City
تهران
Province
Tehran
Postal code
1411718541
Approval date
2023-08-28, 1402/06/06
Ethics committee reference number
IR.AJAUMS.REC.1402.094

Health conditions studied

1

Description of health condition studied
Cardiac patients referred to the emergency room who have a history of drug use
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
anxiety
Timepoint
At least an hour
Method of measurement
Spielberger anxiety questionnaire

Secondary outcomes

1

Description
satisfaction
Timepoint
From an hour to a day
Method of measurement
The satisfaction questionnaire of Wolf et al

2

Description
Moriski medication adherence
Timepoint
two weeks
Method of measurement
Moriski medication adherence questionnaire

Intervention groups

1

Description

Intervention group: Cardiac patients referred to the emergency room who do meet the conditions for the study were selected from the beginning of entering the emergency room, and after explaining the method and objectives of the study to them and their companions, written informed consent was obtained, and before the intervention, demographic and personal information was taken, and the anxiety questionnaire number 1 was placed in the patient's possession and completed, then the liaison nurse began to The intervention, which includes two parts of psychological support to reduce anxiety and increase the level of satisfaction and... and the other part of educational support and giving awareness about the disease, treatments, and the use of drugs, etc., is carried out, and then when being discharged or transferred to the inpatient department, the anxiety questionnaire 2 Next) it will be filled by the patient, then the patient will be monitored and supported by phone for 2 weeks. After 2 weeks, the medication compliance questionnaire is asked and filled by the researcher over the phone.

Category

Other

2

Description

Control group: In this group, only at the beginning of the selection of the patient who is willing to study, sufficient explanations are given to the patient about the method and objectives of the study, and first, written informed consent and demographic and personal information are obtained, and the anxiety questionnaire is filled in by the patient, and no intervention is performed during the discharge of the patient. After leaving the emergency department for hospitalization, the anxiety questionnaire and the satisfaction questionnaire are filled out, and then 2 weeks later, the medication compliance questionnaire is filled out by phone.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Golestan Hospital Emergency

Full name of responsible person

Fatima Wafai

Street address

Tehran, Pasdaran CrossroadShirazi Highway, Golestan Nadaja Hospital

City

Tehran

Province

Tehran

Postal code

1668619551

Phone

+98 21 2254 9002

Fax

+98 21 2254 9096

Email

biseton67@gmail.com

Web page address

https://golestan.ajaums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Artesh University of Medical Sciences

Full name of responsible person

رضا مساعد

Street address

West Fatemi Street, Shahid Etemadzadeh Street, Army University of Medical Sciences

City

Tehran

Province

Tehran

Postal code

1411718541

Phone

+98 21 8802 8350

Email

biston67@gmail.com

Web page address

https://www.ajaums.ac.ir

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Artesh 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

Artesh University of Medical Sciences

Full name of responsible person

Fatama Wafai

Position

Senior nursing student nurse

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address
Tehran, Azgol neighborhood, Asharghi Burj Hor, No. 12, Unit 23

City
Tehran

Province
Tehran

Postal code
1695839830

Phone
+98 21 2637 4828

Email
fatemehvafaee135@gmail.com

Person responsible for scientific inquiries

Contact

Name of organization / entity
Artesh University of Medical Sciences

Full name of responsible person
Nahid Rajaei

Position
Nursing instructor

Latest degree
Master

Other areas of specialty/work
Nursery

Street address
Shariati St., in front of Baharshiraz St., Kaj St., next to Army Family Hospital, Army School of Nursing

City
Tehran

Province
Tehran

Postal code
1615116139

Phone
+98 21 7750 0929

Email
N.Rajai22@yahoo.com

Person responsible for updating data

Contact

Name of organization / entity
Artesh University of Medical Sciences

Full name of responsible person
Fatama Wafai

Position
Senior nursing student nurse

Latest degree
Bachelor

Other areas of specialty/work
Nursery

Street address
Ezgol neighborhood, Eastern waterfall, Borj Hor, No. 12, Unit 23

City
Tehran

Province
Tehran

Postal code
1695839830

Phone
+98 21 2637 3824

Email
fatemehvafaee135@gmail.com

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
Yes - There is a plan to make this available

Analytic Code
Yes - There is a plan to make this available

Data Dictionary
Yes - There is a plan to make this available

Title and more details about the data/document
spss file of data

When the data will become available and for how long
22/08/2024

To whom data/document is available
all people such as samples and researchers

Under which criteria data/document could be used
In order to check the accuracy of the data and the analyzes performed, the data will be provided to the journal in which the article will be published. Apart from this, the research team does not consider other special conditions

From where data/document is obtainable
By emailing the responsible author of the article: fatemehvafaee135@gmail.com MOBILE:09126349447

What processes are involved for a request to access data/document
In order to check the accuracy of the data and the analyzes performed, the data will be provided to the journal in which the article will be published. Apart from this, the research team does not consider other special conditions

Comments