Clinical Trial Protocol
Iranian Registry of Clinical Trials

20 Nov 2026

The effect of information provision on the blood cortisol level of patients transferring from the cardiac care unit to the general ward compared with patients who do not receive it

Protocol summary

Summary

The purpose of this study is to determine the effect of information provision on the blood cortisol level of patients transferring from cardiac care unit to the general ward. In this experimental study, 50 patients whom hospitalized in the cardiac care unit of Tehran hospitals, will enter into two intervention and control groups. Basal cortisol level will measure before intervention. Then intervention will be started. While the patients in the control group will not receive any information about transfer to the general ward, patients in the experience group, will receive the pamphlet that contains information about transfer, continuity of care and future general ward environment. In both groups, the level of blood cortisol will be measured in 2 steps, 1: 30 min after the patient will be informed of the transferring to the general ward. 2: 30 min after the patient will be transferred to the general ward. In the end, the blood cortisol level in intervention group will be compared with control group .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015100624390N1**
Registration date: **2016-02-08, 1394/11/19**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-02-08, 1394/11/19

Registrant information

Name

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Name of organization / entity

Tehran faculty of nursing and midwifery

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Recruitment status

Recruitment complete

Funding source

- Research project-Thesis

Expected recruitment start date

2015-10-26, 1394/08/04

Expected recruitment end date

2016-01-24, 1394/11/04

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of information provision on the blood cortisol level of patients transferring from the cardiac care unit to the general ward compared with patients who do not receive it

Public title

The effect of information provision on the anxiety of patients transferring from the cardiac care unit to the general ward

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: 1. The patients' transferring to the general ward is in the morning 2. Patients should be able

to understand and speak in Persian 3. Age of 18 years and older 4. Patient must be alert 5. Hospitalization for more than 24 hours in the cardiac care unit 7. Patients should not receive glucocorticoids, anticonvulsants and insulin during hospitalization. Exclusion criteria: 1. Any intensive change in the situation of the disease during the study 2. Any type of invasive therapy during the study 3. The lack of patient consent for the continuation of cooperation in the study 4. If the patient do not need to transfer to the general ward (discharge from cardiac care unit directly)

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: **50**

Randomization (investigator's opinion)
Randomized

Randomization description

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 Tehran University of Medical Sciences

Street address
Sixth Floor,central organization of Tehran University , Qods St., Keshavarz Blvd., Tehran

City
Tehran

Postal code

Approval date
2015-09-23, 1394/07/01

Ethics committee reference number
IR.TUMS.REC.1394.818

Health conditions studied

1

Description of health condition studied
transfer anxiety

ICD-10 code
F41.9

ICD-10 code description
Anxiety disorder, unspecified Anxiety NOS

Primary outcomes

1

Description
blood cortisol level

Timepoint
Half an hour after informing the patient of the order of transfer to the general ward and half an hour after enter the patient to the general ward

Method of measurement
RIA laboratory techniques, Dia source kit

Secondary outcomes

empty

Intervention groups

1

Description
Interventions 1: Patients in the intervention group will receive information about the general ward environment and continuity of care with a pamphlet. It contains some information about the purpose of the patient's transferring from cardiac care unit to the general ward, the geographical location of the general ward, facilities and equipment , the number of nurses per each shift, the hours of taking the laboratory samples, the hours of monitoring of vital signs, the hours of distribution of food meals, the relatives visiting hours and etc.

Category
Other

2

Description
Intervention 2: The patients in the control group will not receive any information about transfer from cardiac care unit to the general ward,continuity of care and new general ward environment in shape of pamphlet.

Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Imam Khomeini educational and clinical center

Full name of responsible person
Mojdeh Navidhamidi

Street address

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice chancellor for research, Tehran University of Medical Sciences

Full name of responsible person
Masood Unesian

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Vice chancellor for research,Tehran University of Medical Sciences, Qods St., Keshavarz Blvd., Tehran

City
Tehran

Grant name

Grant code / Reference number

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

Title of funding source
Vice chancellor for research, Tehran University of Medical Sciences

Proportion provided by this source
100

Public or private sector
empty

Domestic or foreign origin
empty

Category of foreign source of funding
empty

Country of origin

Type of organization providing the funding
empty

Person responsible for general inquiries

Contact

Name of organization / entity
School of Nursing and Midwifery, Tehran University of Medical sciences

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
empty

Study Protocol
empty

Statistical Analysis Plan
empty

Informed Consent Form
empty

Clinical Study Report
empty

Analytic Code
empty

Data Dictionary

empty