

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Jul 2026

The effect of nursing consultation on patient's family anxiety and satisfaction at the Cardiac surgical intensive care unit

Protocol summary

Summary

The purpose of semi- experimental study is to investigate the effect of nursing consultation on patient's family anxiety and satisfaction at the Cardiac surgical intensive care unit. Inclusion Criteria: the family member is responsible for the patient care, He is patient undergoing open heart surgery, etc. Exclusion criteria: family member Refuse to participate in the study, The patient's postoperative complications such as bleeding, loss of consciousness, death, etc. The sample consisted 47 on patient's family members at the Cardiac surgical intensive care unit in Amir almomenin, Kordkoy, Iran. The convenience sampling random selection, there were 24 people in intervention group and 23 people in control group. In the intervention group: counseling by nurse researcher with family member from the time of admission to hospital for heart surgery until discharge from the hospital three times to half an hour, Face to face, including the preparation before surgery, explanation about the disease, cardiac surgical intensive care unit, inpatient treatment program at the time, medication and care plan after discharge, Emotional support to families the opportunity to express feelings, to answer the questions. Control group: No specific intervention is not the only information the hospital routine cardiac surgery and intensive care provided to the patient's family. Primary outcomes: patient's family anxiety be measured by Spielberger questionnaire. Secondary outcomes: satisfaction with information received by a family member questionnaire

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014102819728N1**

Registration date: **2015-01-09, 1393/10/19**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-01-09, 1393/10/19

Registrant information

Name

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Name of organization / entity

Social Welfare And Rehabilitation University

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Recruitment status

Recruitment complete

Funding source

Social Welfare And Rehabilitation University

Expected recruitment start date

2014-06-22, 1393/04/01

Expected recruitment end date

2014-08-21, 1393/05/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of nursing consultation on patient's family anxiety and satisfaction at the Cardiac surgical intensive care unit

Public title

Nursing counseling on anxiety and satisfaction

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion Criteria : family member is responsible for the patient care, Be at least 18 years of age, not-inpatient cardiac surgical intensive care unit, Ability to understand Persian conversation, The absence of mental illness, Health care is not a member of the team. He is patient undergoing open heart surgery, Exclusion criteria: family member Refuse to participate in the study ,The patient's postoperative complications such as bleeding, loss of consciousness, death, etc

Age

From **18 years** old to **60 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)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Social Welfare And Rehabilitation University

Street address

Social Welfare And Rehabilitation University,
Koudakyar Ave, Velenjak Blvd, Tehran, Iran

City

Tehran

Postal code

Approval date

2014-06-09, 1393/03/19

Ethics committee reference number

USWR.REC.1393.73

Health conditions studied

1

Description of health condition studied

Other stressful life events affecting family

ICD-10 code

Z63.7

ICD-10 code description

Anxiety about sick person in family

Primary outcomes

1

Description

anxiety

Timepoint

Before and after intervention

Method of measurement

Anxiety Inventory (STAI)

Secondary outcomes

1

Description

Satisfaction

Timepoint

After the intervention

Method of measurement

After the intervention

Intervention groups

1

Description

Intervention: The intervention group consisted of nursing consultation by researchers with families of patients admitted to hospital for heart surgery until discharge from hospital. Three sessions of half to one hour depending on the needs of the family The individual, oral and face were performed. The advice of nursing consultation, including preparation prior to surgery, Explain the different aspects of the disease and treatment, including surgery, ICU, cardiac surgery, treatment plan during hospitalization and after discharge care plan and emotional support to families an opportunity to express feelings, answer to questions.

Category

Treatment - Other

2

Description

Control group: No specific intervention is not the only information the hospital routine cardiac surgery and intensive care provided to the patient's family

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Amir-almomenin Hospital
Full name of responsible person
farzadmehr mahdi
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Jangal St, KordKooy, Golestan
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Sponsors / Funding sources

1

Sponsor

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Social Welfare And Rehabilitation University
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Grant name

Grant code / Reference number

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

Yes

Title of funding source

Social Welfare And Rehabilitation University

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

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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