

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jun 2026

Study The Effectiveness Of Nursing Interventions On The Incidence Of Delirium in Hospitalized Patients In The Cardiac Care Units Of Hospitals in Shiraz, 2012

Protocol summary

Summary

This study is conducted to determine the effectiveness of Nursing interventions on the Incidence of delirium in hospitalized patients in the intensive cardiac care units, of Shiraz hospitals. In this clinical trial 120 CCU admitted patients will enroll, inclusion criteria: age older than 18 years; conscious on admission; absence underlying cognitive impairment; and informed consent. exclusion criteria: hearing and vision loss; alcohol and drug dependence; history of psychoactive drug; and CCU stay less than 24 hours. The samples randomly will divide into experimental and control groups. interventions include: listening to the radio, and also meeting with family members twice a day, Interventions, will continue to discharge patients for up to one week, and control group receive routine ward's care. During the study, mental status evaluation will do twice a day, using standardized questionnaire mini mental status examination (MMSE) in all samples, and the incidence of delirium in suspected cases, will confirm by observation of DSM-IV-TR criteria. Then incidence of delirium and cognitive scores in each subjects, before and after the intervention will compare with each other and with control group.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012073110468N1**
Registration date: **2012-10-05, 1391/07/14**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-10-05, 1391/07/14

Registrant information

Name

Amene Rahimi Koushki

Name of organization / entity

Shahid Sadoughi University Of Medical Sciences And Health Services

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Recruitment status

Recruitment complete

Funding source

Yazd Shahid Sadoughi University Of Medical Sciences And Health Services

Expected recruitment start date

2012-08-22, 1391/06/01

Expected recruitment end date

2013-01-20, 1391/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Study The Effectiveness Of Nursing Interventions On The Incidence Of Delirium in Hospitalized Patients In The Cardiac Care Units Of Hospitals in Shiraz, 2012

Public title

Study The Effectiveness Of Nursing Interventions On The Incidence Of Delirium in Hospitalized Patients In The Cardiac Care Units Of Hospitals in Shiraz, 2012

Purpose

Prevention

Inclusion/Exclusion criteria

inclusion criteria: fluency in persian; older than 18 years; Conscious on admission (in patients who undergo CPR during the study , behavioral observations and clinical interviews will be postponed for at least 5 hours after resuscitation, according the previous studies). Exclusion criteria: hearing and vision loss; alcohol and drug dependence; history of cognitive impairments or psychiatric disorders; history of psychoactive drugs; and CCU stay less than 24 hours.

Age

From **18 years** old to **90 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **120**

Randomization (investigator's opinion)

Randomized

Randomization description

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

Shahid Sadoughi University Of Medical Sciences And Health Services

Street address

Central Organization Of Shahid Sadoughi University Of Medical Sciences And Health Services, Shahid Dr Bahonar square

City

Yazd

Postal code

8916978477

Approval date

2012-06-05, 1391/03/16

Ethics committee reference number

35009/1/17/p

Health conditions studied

1

Description of health condition studied

Delirium

ICD-10 code

F05

ICD-10 code description

Delirium, not induced by alcohol and other psychoactive substances

Primary outcomes

1

Description

Delirium Incidence

Timepoint

During the hospitalization until discharge twice a day

Method of measurement

Using standardized questionnaire mini mental status examination (MMSE) and symptoms observation according to DSM-IV-TR

Secondary outcomes

empty

Intervention groups

1

Description

Meeting with family members twice a day

Category

Prevention

2

Description

Listening to the radio programs three times a day, for 30 minutes each time

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Hospitals in Shiraz

Full name of responsible person

Amene Rahimi

Street address

Shahid Beheshti hospital

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research Council Of Shahid Sadoughi University Of
Medical Sciences And Health Services

Full name of responsible person

Zohre Kalani

Street address

Shahid Sadoughi Faculty Of Nursing And Midwifery

City

Yazd

Grant name**Grant code / Reference number****Is the source of funding the same sponsor
organization/entity?**

Yes

Title of funding source

Research Council Of Shahid Sadoughi University Of
Medical Sciences And Health Services

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**

Shahid Beheshti Hospital

Full name of responsible person

Amene Rahimi

Position

Nurse

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Position

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Web page address

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