

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

19 Jun 2026

### Effective of implementation of evidence base nursing guideline on patient indicator of improve of care quality

#### Protocol summary

##### Summary

The aim of this study was to determine the impact of implementing evidence-based guidelines to improve the care of patients with acute coronary syndrome admitted to the coronary care unit of Hazrat Fatima (sa) in Kerman, Iran. Time of patient satisfaction with care questionnaire (PSI) is examined. The guidelines for evidence-based nursing in acute coronary syndrome patients and recorded instructions on how to use the nursing process in accordance with two days of staff training will be given to 8 hours. The emphasis is on the implementation of these guidelines. Educational content includes explanation and definition of evidence-based guidelines for nursing, nursing process. Steps are defined and explained in the chart, explaining the various forms of registered nursing process, treated leaf and leaves nursing care. Standard time cards registered nursing process steps can be attached to patient records. To address potential problems in the registration form again two weeks later, a meeting will be held to fix the bugs and the results are compared. Inclusion criteria are nurses in coronary care unit and patients with acute coronary syndrome admitted to the intensive care unit. Exclusion criteria: lack of cooperation from the nurses at the nurses dispensing orientation program during the course of treatment for patients who suffer a crisis like the code to be.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2012122911926N1**  
Registration date: **2013-10-15, 1392/07/23**  
Registration timing: **na**

Last update:

Update count: **0**

##### Registration date

2013-10-15, 1392/07/23

##### Registrant information

###### Name

Khadigeh Zamani Babgohari

###### Name of organization / entity

Baghiatallah University of Medical Sciences

###### Country

Iran (Islamic Republic of)

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+98 34 1273 8229

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##### Recruitment status

**Not enough for processing**

##### Funding source

Baghiatallah University of Medical Sciences

##### Expected recruitment start date

2013-01-04, 1391/10/15

##### Expected recruitment end date

2012-07-05, 1391/04/15

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Effective of implementation of evidence base nursing guideline on patient indicator of improve of care quality

##### Public title

Implementation of evidence-based nursing guidelines on patient care quality indicators

##### Purpose

Health service research

##### Inclusion/Exclusion criteria

Inclusion criteria for nurses: nursing degree or post-

graduate degree in nursing; working in CCU. Inclusion criteria for patients: patients with unstable angina in coronary intensive care nurse for more than 24 hours to be admitted; patients admitted to the coronary intensive care unit nurse with a diagnosis of myocardial infarction with or without ST-segment elevation who are hospitalized for more than 24 hours; patients with the disease may not be involved in long-term complications. Exclusion criteria: Cancel nurses continued cooperation, lack of orientation programs for nurses and patients during the treatment process are coded with a crisis condition

#### **Age**

From **18 years** old to **80 years** old

#### **Gender**

Both

#### **Phase**

N/A

#### **Groups that have been masked**

*No information*

#### **Sample size**

Target sample size: **45**

#### **Randomization (investigator's opinion)**

N/A

#### **Randomization description**

#### **Blinding (investigator's opinion)**

Not blinded

#### **Blinding description**

#### **Placebo**

Not used

#### **Assignment**

Single

#### **Other design features**

### **Secondary Ids**

empty

### **Ethics committees**

#### **1**

##### **Ethics committee**

###### **Name of ethics committee**

Baghiatallah University of Medical Sciences

###### **Street address**

Baghiatallah University of Medical Sciences, Molla sadra street, Tehran

###### **City**

Tehran

###### **Postal code**

##### **Approval date**

2012-09-25, 1391/07/04

##### **Ethics committee reference number**

31

### **Health conditions studied**

#### **1**

##### **Description of health condition studied**

Acute coronary syndrome

#### **ICD-10 code**

I24.9

#### **ICD-10 code description**

Acute ischaemic heart disease, unspecified

### **Primary outcomes**

#### **1**

##### **Description**

Quality of nursing care standards

##### **Timepoint**

Before the intervention and 2 months after the intervention.

##### **Method of measurement**

Checklist made with researcher that included ANA stand Nursing services and patient satisfaction instrument(PSI) of nursing service and a checklist has made researcher for implementation of guideline

#### **2**

##### **Description**

Patients satisfaction

##### **Timepoint**

Before the intervention and 2 months after the intervention.

##### **Method of measurement**

Patients satisfaction structure

### **Secondary outcomes**

#### **1**

##### **Description**

Quality of the patient's sleep

##### **Timepoint**

Before the intervention and 2 months after the intervention

##### **Method of measurement**

Sleep quality questionnaire Petersburg

#### **2**

##### **Description**

Severity of chest pain

##### **Timepoint**

Before the intervention and 2 months after the intervention.

##### **Method of measurement**

Structure of number pain

### **Intervention groups**

#### **1**

##### **Description**

Guidelines for evidence-based nursing in acute coronary syndrome and in accordance with the instructions of the application and registration process for the past two days, 8 hours of nursing personnel to be trained

Educational Content guidelines include a description and definition of evidence-based nursing, nursing process steps are defined and explained in the chart, explaining the various forms of registered nursing process, treated leaves, the leaves are nursing. Standard time cards registered nursing process steps can be attached to patient records. To address potential problems in the registration form again two weeks later, a meeting will be held to correct the problems in. After two months of training and instruction to ensure the implementation of the guidelines checklist made of instructions to be used and again the quality standards of care and patient satisfaction were evaluated by checklist And the results are compared before and after the intervention. It matched group of patients before and after the intervention in terms of three variables: age, sex, and admission will be done.

**Category**

Other

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Hazrat Fatima (sa) hospital in Kerman

**Full name of responsible person**

Khadigeh Zamani

**Street address**

Hazrat Fatima (SA) hospital- Parvin street- Kerman

**City**

Kerman

**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Baghiatallah University of Medical Sciences-Deputy of Research and Technology

**Full name of responsible person**

Dr. Mortaza Izadi

**Street address**

Tehran- Vanak Square- Street of Sheikh Bahai - University Baqiatollah - Third Floor

**City**

Tehran

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

Yes

**Title of funding source**

Baghiatallah University of Medical Sciences-Deputy of Research and Technology

**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**

Baghiatallah University of Medical Sciences

**Full name of responsible person**

Dr. Jamileh Mokhtari Nouri

**Position**

Phd

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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*