

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Evaluation of the effect of medications administration associated factors on depression and anxiety of hospitalized patients in infectious ward

#### Protocol summary

2014-04-23, 1393/02/03

#### Summary

Depression is a major public health problem and a leading predictor of disability and mortality. Risk factors for depression are genetics, environment, social and therapeutic effects. Previous studies showed depression could increase Duration of hospitalization, so treating depression could improve the pace of recovery. Recently, clinical studies also showed anxiety reduction had direct relationship with patient improvement This study was conducted in infectious ward of Afzalipoor hospital and one hundred twenty of hospitalized patients participated. Their age ranged 16-55 years old. They had no psychiatric disorder recently or at the time of study and should be conscious and had no critical condition. Patient with chronic disease such as cancer, COPD, and HIV were excluded from this study. The first part of this study was cross-sectional and the effect of amount, route and frequency of medicines administration on anxiety and depression of hospitalized patients were evaluated. Anxiety and depression were measured by hospital anxiety and depression scale. The second part of this study was randomized clinical trial. Intervention group visited by clinical pharmacist and their medicines were checked and the effect of presence of clinical pharmacist on anxiety and depression of hospitalized patient were evaluated.

#### Registrant information

##### Name

Fatemeh Dabaghzadeh

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 34 3132 5034

##### Email address

dabaghzadeh@razi.tums.ac.ir

#### Recruitment status

##### Recruitment complete

#### Funding source

Kerman University of Medical Sciences

#### Expected recruitment start date

2013-12-22, 1392/10/01

#### Expected recruitment end date

2014-11-22, 1393/09/01

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

Evaluation of the effect of medications administration associated factors on depression and anxiety of hospitalized patients in infectious ward

#### Public title

Evaluation of the effect of medications administration associated factors on depression and anxiety of hospitalized patients in infectious ward

#### Purpose

Health service research

#### Inclusion/Exclusion criteria

Inclusion criteria: age ranged 16-55 years old; be

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT201404216026N2**

Registration date: **2014-04-23, 1393/02/03**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

conscious; do not have any psychiatric disorder.  
Exclusion criteria: do not have any chronic disease such as cancer, HIV or COPD that cause depression.

### Age

From **16 years** old to **55 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

Parallel

### Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Keram University of Medical Sciences

##### Street address

Tahmasb abad Ave

##### City

Kerman

##### Postal code

#### Approval date

2014-04-13, 1393/01/24

#### Ethics committee reference number

93/10/60/2107

## Health conditions studied

### 1

#### Description of health condition studied

Anxiety

#### ICD-10 code

F41.9

#### ICD-10 code description

Anxiety disorder, unspecified

### 2

#### Description of health condition studied

Depression

#### ICD-10 code

F32.9

#### ICD-10 code description

Depressive episode, unspecified

## Primary outcomes

### 1

#### Description

depression

#### Timepoint

second or third day of hospitalization

#### Method of measurement

hospital anxiety and depression scale

### 2

#### Description

anxiety

#### Timepoint

second or third day of hospitalization

#### Method of measurement

hospital anxiety and depression scale

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group: The presence of clinical pharmacist and her effect of pharmacotherapy

#### Category

Other

### 2

#### Description

Control group: Absence of clinical pharmacist

#### Category

Treatment - Other

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Afzalipoor hospital

##### Full name of responsible person

##### Street address

##### City

Kerman

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**

Kerman university of medical sciences

**Full name of responsible person**

Miz. Hasani

**Street address**

Tahmasb abad Ave

**City**

Kerman

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

Yes

**Title of funding source**

Kerman 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**

Kerman University of Medical Sciences

**Full name of responsible person**

Fateme Dabaghzadeh

**Position**

Clinical Pharmacist

**Other areas of specialty/work****Street address**

Haft bagh high way

**City**

Kerman

**Postal code****Phone**

+98 34 1320 5034

**Fax****Email**

fatemeh\_dabaghzadeh@yahoo.com

**Web page address****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Kerman University of Medical Sciences

**Full name of responsible person**

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**Fax****Email**

fatemeh\_dabaghzadeh@yahoo.com

**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

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fatemeh\_dabaghzadeh@yahoo.com

**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*