

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jul 2026

### The effect of sleeping and sitting positions during IV catheterizing on pain and anxiety caused

#### Protocol summary

Arak University of Medical Sciences

#### Summary

This study is a clinical trial to examine the impact of the patient's condition during IV catheterizing on pain and anxiety of patients was designed, 60 patients from the surgical wards and emergency hospitals will be selected and will be randomly divided into 2 groups that's In one group supine position, and the other group sitting position will be taking IV catheterizing, Before and after the IV catheterizing anxiety and, pain in both groups after the IV catheterizing will be research.

#### Expected recruitment start date

2015-06-20, 1394/03/30

#### Expected recruitment end date

2015-09-21, 1394/06/30

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### General information

#### Scientific title

The effect of sleeping and sitting positions during IV catheterizing on pain and anxiety caused

#### Acronym

#### Public title

The effect of sleeping and sitting positions during IV catheterizing on pain and anxiety caused

#### IRCT registration information

IRCT registration number: **IRCT2015050521896N3**

Registration date: **2015-05-31, 1394/03/10**

Registration timing: **prospective**

#### Purpose

Supportive

#### Inclusion/Exclusion criteria

Inclusion criteria: age between 18 and 60 years old; the patient needs to be embedded the catheter; along with the embedded the catheter, another painful intervention is not possible; the IV catheterizing does not ban the use of the catheter way about him; consent to participate in the research. Exclusion criteria: If the IV catheterizing fails or needs to be the two vessels be taking; patients needs to new catheter, except pink one (at the discretion of the physician); no consent to continued participation in research; limitations to move; according to the discretion of the doctor's he can changes his positions in during intervention.

Last update:

Update count: **0**

#### Registration date

2015-05-31, 1394/03/10

#### Registrant information

##### Name

Mokhtar Mahmoudi

##### Name of organization / entity

Iran University Of Medical Science

##### Country

Iran (Islamic Republic of)

##### Phone

+98 21 4435 5764

##### Email address

mokhtar.mahmoudi@arakmu.ac.ir

#### Recruitment status

**Recruitment complete**

#### Funding source

#### 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: 60

## 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

Arak university of medical science

##### Street address

Arak, Sardasht, arak university of medical science, the college of nursing and midwifery

##### City

Arak

##### Postal code

#### Approval date

2015-02-12, 1393/11/23

#### Ethics committee reference number

23-175-93

## Health conditions studied

### 1

#### Description of health condition studied

Pain

#### ICD-10 code

R52.9

#### ICD-10 code description

Pain, unspecified

### 2

#### Description of health condition studied

Anxiety

#### ICD-10 code

F41.9

#### ICD-10 code description

Anxiety disorder, unspecified

## Primary outcomes

### 1

#### Description

pain

#### Timepoint

after intervention

#### Method of measurement

pain observation scale

## Secondary outcomes

### 1

#### Description

anxiety

#### Timepoint

before and after intervention

#### Method of measurement

anxiety observation scale

## Intervention groups

### 1

#### Description

patient in study will be selected and will be randomly divided into 2 groups that's In intervention group supine position will be taking IV catheterizing, Before and after the IV catheterizing anxiety and, pain after the IV catheterizing will be research.

#### Category

Other

### 2

#### Description

In the control group sitting position will be taking IV catheterizing, Before and after the IV catheterizing anxiety and, pain in both groups after the IV catheterizing will be research.

#### Category

Other

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Amiralmomenin Hospital

##### Full name of responsible person

Ms Hajian Leila

##### Street address

##### City

Arak

## Sponsors / Funding sources

### 1

#### Sponsor

Name of organization / entity

Arak university of medical science  
**Full name of responsible person**  
Dr Raffi  
**Street address**  
College of nursing and midwifery,Sardasht,Arak,Iran  
**City**  
Arak  
**Grant name**  
**Grant code / Reference number**  
**Is the source of funding the same sponsor organization/entity?**  
Yes  
**Title of funding source**  
Arak university of medical science  
**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**  
college of nursing and midwifery  
**Full name of responsible person**  
Mahmoudi Mokhtar  
**Position**  
Msc in nursing  
**Other areas of specialty/work**  
**Street address**  
College of nursing and midwifery,Sardasht,Arak,Iran  
**City**  
Arak  
**Postal code**  
**Phone**  
+98 86 3278 0817  
**Fax**  
**Email**  
mokhtar.mahmoudi@arakmu.ac.ir  
**Web page address**

## Person responsible for scientific inquiries

**Contact**  
**Name of organization / entity**  
Arak medical university  
**Full name of responsible person**

Mahmoudi Mokhtar  
**Position**  
Msc in nursing  
**Other areas of specialty/work**  
**Street address**  
College of nursing and midwifery,Sardasht,Arak,Iran  
**City**  
Arak  
**Postal code**  
**Phone**  
+98 86 3278 0817  
**Fax**  
**Email**  
mokhtar.mahmoudi@arakmu.ac.ir  
**Web page address**

## Person responsible for updating data

**Contact**  
**Name of organization / entity**  
Colege of nursing and midwifery of arak  
**Full name of responsible person**  
Mahmoudi Mokhtar  
**Position**  
Msc in nursing  
**Other areas of specialty/work**  
**Street address**  
College of nursing and midwifery,Sardasht,Arak,Iran  
**City**  
Arak  
**Postal code**  
3813111956  
**Phone**  
+86 32780817  
**Fax**  
**Email**  
www.mahmodimokhtar85@gmail.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*