

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

IRCT registration information

IRCT registration number: **IRCT2015050521896N3**

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

Registration timing: **prospective**

Public title

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

Last update:

Update count: **0**

Registration date

2015-05-31, 1394/03/10

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.

Registrant information

Name

Mokhtar Mahmoudi

Name of organization / entity

Iran University Of Medical Science

Country

Iran (Islamic Republic of)

Phone

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Email address

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Age

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

Gender

Both

Recruitment status

Recruitment complete

Funding source

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
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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