

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparison of intravenous haloperidol and midazolam effects on patients' symptoms with conversion disorders referred to emergency department

Protocol summary

Summary

The purpose of this study was to comparison of intravenous haloperidol and midazolam effects on patients' symptoms with conversion disorders referred to emergency department. In this double blinded clinical trial 140 patients aged 18- 60 years old with conversion disorders referred to emergency department in 1394-1396 were involved. Patients with abnormal vital signs, younger than 18 and older than 60 years old, pregnancy, history of drug abuse, hepatic and renal disorders and history of epilepsy were excluded. patients were randomly divided in two groups: haloperidol or midazolam. In hallopridol group, patients received intravenous haloperidol 2.5 mg and in midazolam group patients received intravenous midazolam 2.5 mg too. Cardiac monitoring and direct observation was performed by resident. Sensory and movement disorders and consciousness degree was recorded before and after the intervention. Recovery degree, recovery duration and drug side effects was recorded too.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015100712050N2**

Registration date: **2016-01-25, 1394/11/05**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-01-25, 1394/11/05

Registrant information

Name

Mohamadali Jafari Nodushan

Name of organization / entity

Shahid Sadoughi University of medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 35 1828 4313

Email address

malijafari@ssu.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Shahid Sadoughi University of Medical Sciences.

Expected recruitment start date

2015-03-20, 1393/12/29

Expected recruitment end date

2017-03-20, 1395/12/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of intravenous haloperidol and midazolam effects on patients' symptoms with conversion disorders referred to emergency department

Public title

Comparison of intravenous haloperidol and midazolam effects on patients' symptoms with conversion disorders referred to emergency department

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: all patients aged 18 -60 years old with conversion disorders referred to emergency department

in 1394-1396. Exclusion criteria: patients with abnormal vital signs; younger than 18 and older than 60 years old; pregnancy; history of drug abuse; hepatic and renal disorders; history of epilepsy.

Age

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

Gender

Both

Phase

1-2

Groups that have been masked

No information

Sample size

Target sample size: **140**

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

Ethics Committee of Shahid Sadoughi of medical sciences

Street address

Bahonar square

City

Yazd

Postal code

Approval date

2015-06-28, 1394/04/07

Ethics committee reference number

IR.SSU.MEDICINE.REC.1394.156

Health conditions studied

1

Description of health condition studied

conversion disorders

ICD-10 code

F44

ICD-10 code description

Dissociative [conversion] disorders

Primary outcomes

1

Description

sensory disorder

Timepoint

before and after intervention

Method of measurement

observational

2

Description

movement disorder

Timepoint

before and after intervention

Method of measurement

observational

3

Description

Consciousness disorder

Timepoint

before and after intervention

Method of measurement

observational

Secondary outcomes

empty

Intervention groups

1

Description

intervention group 1: intravenous haloperidol 2.5 mg stat

Category

Treatment - Drugs

2

Description

intervention group 2: intravenous midazolam 2.5 mg stat

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Sadoughi hospital

Full name of responsible person

Dr Mohammad Ali Jafari Nodoshan

Street address

Shahid Sadoughi hospital -Ave Sina Blvd- Safaiye

City

Yazd

2

Recruitment center

Name of recruitment center

Shahid Rahnemon hospital

Full name of responsible person

Dr Mohammad Ali Jafari Nodoshan

Street address

Shahid Rahnemon hospital- Farokhi Ave

City

Yazd

Sponsors / Funding sources

1

Sponsor**Name of organization / entity**

Vice chancellor of Shahid Sadoughi university of medical sciences.

Full name of responsible person

Dr Habib Nikokar

Street address

Bahonar Square

City

Yazd

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

Yes

Title of funding source

Vice chancellor of Shahid Sadoughi 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**

Shahid Sadoughi University of Medical Sciences

Full name of responsible person

Dr Mohammad Ali Jafari Nodoshan

Position

assistante prof

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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