Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Gabapentin in the treatment of opioid withdrawal

Protocol summary

Summary
Aims: To evaluate the efficacy of gabapentin (1600 mg/day) as an adjunctive to methadone-assisted detoxification (MAD) in the treatment of opioid withdrawal symptoms. Design: A 3-week open label study. Setting: Specialized out-patient clinic for the treatment of patients with addictive disorders. Participants: 31 opiate addicts who met DSM-IV-TR criteria for opioid dependency. Intervention: adjunctive treatment with gabapentin (1600 mg/day) in addition to MAD for three weeks. Measurements: Subjective Opiate Withdrawal Scale (SOWS) with a total score of 0 to 64 will be administered at six time-points during the study.

General information

Acronym
G.T.O.D
IRCT registration information
IRCT registration number: **IRCT138805102266N1**
Registration date: **2009-09-17, 1388/06/26**
Registration timing: **retrospective**

Last update:
Update count: **0**
Registration date
2009-09-17, 1388/06/26

Registrant information
Name
Gholamreza Kheirabadi
Name of organization / entity
Country
Iran (Islamic Republic of)
Phone
+98 31 1222 2135
Email address
kheirabadi@bsrc.mui.ac.ir

Recruitment status
Recruitment complete
Funding source
Vice Chancellor for Research of Isfahan University of Medical Sciences.

Expected recruitment start date
2008-07-01, 1387/04/11
Expected recruitment end date
2008-12-15, 1387/09/25
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title
Gabapentin in the treatment of opioid withdrawal

Public title
Gabapentin in the treatment of opioid dependency
Purpose
Treatment
Inclusion/Exclusion criteria
Inclusion criteria: opioid dependency (based on DSM-IV-TR) for at least one year, stable dose of opium for at least one month prior to the study. Exclusion criteria: having a history of illicit drugs use other than opium, psychiatric medication and other substances use except cigarettes for a period of two months prior to the study, major psychiatric disorder, severe concurrent medical illness, organic brain disorder, mental retardation, pregnancy and lactation
Age
From **19 years** old to **55 years** old
Gender
Both

Phase
2
Groups that have been masked
No information
Sample size

Target sample size: **31**

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
Isfahan University of Medical Sciences

Street address
Isfahan University of Medical Sciences, Hezarjerib street

City
Isfahan

Postal code

Approval date
empty

Ethics committee reference number
385113

Health conditions studied

1

Description of health condition studied
opium withdrawal

ICD-10 code
F11

ICD-10 code description
Mental and behavioural disorders due to use of opioids

Primary outcomes

1

Description
Evaluation of total opium withdrawal symptoms severity

Timepoint
0(base line)and days of 3,7,10,14,18 after initiation of study

Method of measurement
Subjective Opiate Withdrawal Scale (SOWS)

Secondary outcomes

1

Description
evaluation of different withdrawal symptoms severity

Timepoint
0(base line)and days of 3,7,10,14,18 after initiation of study

Method of measurement
Subjective Opiate Withdrawal Scale (SOWS),

Intervention groups

1

Description
Adding Gabapentin 1600mg/day for 3 weeks to routine management

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Behavioral Sciences Research Center

Full name of responsible person
Gholam Reza Kheirabadi

Street address
Isfahan University of Medical Sciences

City
Isfahan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor for Research of Isfahan University of Medical Sciences

Full name of responsible person
Peiman Adibi

Street address
Isfahan University of Medical Sciences

City
Isfahan

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes

Title of funding source
Vice Chancellor for Research of Isfahan 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
Isfahan University of Medical Sciences
Full name of responsible person
Gholam Reza Kheirabadi
Position
Assistant Professor of Psychiatry
Other areas of specialty/work
Street address
Behavioral Sciences Research Center, Isfahan University of Medical Sciences
City
Isfahan
Postal code
8145831451
Phone
+98 31 1222 2135
Fax
+98 31 1222 2135
Email
kheirabadi@bsrc.mui.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Isfahan University of Medical Sciences
Full name of responsible person
Gholam Reza Kheirabadi
Position
Assistant Prof. of Psychiatry
Other areas of specialty/work
Street address
Behavioral Sciences Research Center, Isfahan University of Medical Sciences
City
Isfahan
Postal code
8145831451
Phone
+98 31 1222 2135
Fax
+98 31 1222 2135
Email
kheirabadi@bsrc.mui.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Isfahan University of Medical Sciences
Full name of responsible person
Gholam Reza Kheirabadi
Position
Assistant Professor of Psychiatry
Other areas of specialty/work
Street address
Behavioral Sciences Research Center, Isfahan University of Medical Sciences
City
Isfahan
Postal code
8145831451
Phone
+98 31 1222 2135
Fax
+98 31 1222 2135
Email
kheirabadi@bsrc.mui.ac.ir
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