Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Jun 2026

Investigating The Effect Of Intravenous Ketamine During Ceasarian On Score Of Post Partum Depression

Protocol summary

Summary

The aim of this study is to investigate the effect of intravenous ketamine during ceasarian on score of post partum depression in Hospitals of Rafsanjan University of Medical Sciences 2016. The population includes all women who scheduled for cesarean. Inclusion criteria is no contraindications for ketamine use and they are excluded If they Use Antidepressants. Sample size is estimated 53 in each group according to previous studies and statistical formula. one stage intervention is applied at the time of induction of anesthesia and The control group will receive only anesthetic without ketamine. Study instruments include a questionnaire for demographic variables and Edinburgh questionnaire. Data were collected before starting intervention actively and Two weeks and four weeks after the intervention by phone.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016122726971N2**
Registration date: **2017-07-16, 1396/04/25**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2017-07-16, 1396/04/25

Registrant information

Name
Marzeyeh Loripoor
Name of organization / entity
Rafsanjan University Medical Science
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Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source

govermental

Expected recruitment start date

2016-08-31, 1395/06/10

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

Investigating The Effect Of Intravenous Ketamine During Ceasarian On Score Of Post Partum Depression

Public title

Effect Of Ketamin On Postpartum Depression

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion Criteria: Iranian Woman Condidian for Elective Cesarian Except Emergent Cesarian Section, Due To Lack Of Awareness Of The Mother Disease , Ketamin Is Therefore Contraindicated. General Anesthesia. Not Contraindicated To Receive Ketamine ,Such As : Lack Of Cardiovascular Disease, Fetal Disorders Such As : Preterm Delivery , No History Of Psychiatric Disorders Except For Post Partum Depression , Central Nerve System Disorders (Increase Intra Cranial Pressure , History Of Cerebral Hemorrhage , Cerebrovascular Disease) Hyperthyroidism Informed Consent To Participate In The Study Exclude Criteria: Dissatisfaction

And Failure To Answer The Questions. Use Of Antidepressant , The Use Of Sigarettes , Alcohol And Drug Addiction.

Age
From **18 years** old to **35 years** old

Gender
Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **106**

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 Rafsanjan University Of Medical Sciences

Street address
Imam Ali Blvd, University of Medical Sciences, Rafsanjan

City
Rafsanjan

Postal code
7717932777

Approval date
2016-01-09, 1394/10/19

Ethics committee reference number
IR.RUMS.REC.1394.166

Health conditions studied

1

Description of health condition studied
PostPartum Depression

ICD-10 code
F53.0

ICD-10 code description
Mild mental and behavioural disorders associated with the puerperium, not elsewhere classified

Primary outcomes

1

Description
Post Partum Depression

Timepoint
Before,2 week , 4 Week After Cesarian Section

Method of measurement
Edinburg Questioner

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: In this group, in addition to anesthetics, ketamine is also given as half a milligram per kilogram of body weight and The frequency of one-step intervention is at the time of induction of anesthesia.

Category
Treatment - Drugs

2

Description
Control Group: In this group of 3-5 mg of sodium thiopental will be used.

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Ali Ibn Abi Talib Hospital And NickNafs Zayeshgah Rafsanjan

Full name of responsible person
Dr.Majid Kazemi

Street address
Imam Ali Blvd, University of Medical Sciences, Rafsanjan

City
Rafsanjan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor For Research Rafsanjan University Medical Science

Full name of responsible person
Dr Hamid Hakimi

Street address
Imam Ali Blvd, University of Medical Sciences, Rafsanjan
City
Rafsanjan

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 Rafsanjan University 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
Rafsanjan Univarcity Of Medical Sciences
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Marzeyeh Loripoor
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Person responsible for scientific inquiries

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Person responsible for updating data

Contact

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