Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Evaluation of the analgesic effect of Pregabalin in post Dacryo Cysto Rhinostomy (DCR) Pain Management

Protocol summary

Summary

In this double blind randomized clinical trail, 80 patinets 18-60 ASA1-2 who scaduled for Dacryo Cysto Rhinostomy in Rasul–e–Akram hospital were enrolled and assigned in two pregabalin and placebo groups randomly. Patients in pregabalin group had taken oral pregabalin (300) mg one hour pre surgical procedure, the others received placebo. Pain level and incidence of nausea and vomiting were compared between two groups at 4, 8, 12, 16, 20 and 24 hours after surgery.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201102185857N1**
Registration date: **2012-01-21, 1390/11/01**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2012-01-21, 1390/11/01

Registrant information

Name
Mahzad Alimian
Name of organization / entity
Tehran University of Medical Science
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Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source

Vice Chancellor for research, Tehran University of Medical Sciences

Expected recruitment start date

2010-03-11, 1388/12/20

Expected recruitment end date

2011-07-11, 1390/04/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the analgesic effect of Pregabalin in post Dacryo Cysto Rhinostomy (DCR) Pain Management

Public title

Evaluation of the analgesic effect of Pregabalin in post surgery patient

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 1-age between 18-60 2-candidated for surgery 3-signing informed consent to enter to this study. Exclusion criteria: 1-history of Hypertension- Diabet Mellitus- Ischemic heart disease- Renal and hepatic disease 2-Addiction 3-ASA or NSAIDS users for a long time

Age

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

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **80**

Randomization (investigator's opinion)

Randomized
Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics Committee of Tehran University of Medical Sciences
Street address
Hemat high way, Tehran University of Medical Sciences
City
Tehran
Postal code
Approval date
2010-02-21, 1388/12/02
Ethics committee reference number
989پ

Health conditions studied

1

Description of health condition studied
General anesthesia
ICD-10 code
-
ICD-10 code description
-

Primary outcomes

1

Description
Pain mesaured by VAS
Timepoint
At recovery, then 30 min, 2, 4, 12, 24 hours after the surgery
Method of measurement
Visual Analogue Scale

Secondary outcomes

1

Description
Nausia and vomiting rate
Timepoint
in the recovery 30 min- 2-4-12-24 hours after the surgery
Method of measurement
asking from the patient

Intervention groups

1

Description
Patients in pregabalin group had taken oral pregabalin (300) mg one hour before surgery
Category
Treatment - Drugs

2

Description
Placebo group received placebo capsules filled with vitamine C
Category
Placebo

Recruitment centers

1

Recruitment center
Name of recruitment center
Rasul-e-Akram Hospital
Full name of responsible person
Mahshid Sharifian (resident of anesthesiology)
Street address
Rasul-e-Akram Hospital, Niayesh st., Satarkhan Ave.
City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research, Tehran University of Medical Sciences
Full name of responsible person
Miss Irani
Street address
Central building, Tehran University of Medical Sciences, Ghods Street, Keshavarz blv.,Tehran
City
Tehran
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, Tehran 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

tehran medical university

Full name of responsible person

Mahzad alimlan

Position

anesthesiologist

Other areas of specialty/work

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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