

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Jun 2026

Evaluation effects of Dexamethasone on postoperative pain after lumber discectomy : Randomized and Double blind study

Protocol summary

Tabriz University of Medical Sciences

Summary

The aim of this study was evaluation the effect of Dexamethasone on postoperative pain in patients with lumbar discectomy. Patients for elective lumbar discectomy in a one space were enrolled into the study based on inclusion and exclusion criteria. Eighty patients in two case and control group evaluated. Time of study was first 24 hour after operation and effects of Dexamethasone on reduce of pain after discectomy evaluated. Pain state of patients evaluated in post operation with Visual Aualoge Scale.

Expected recruitment start date

2011-03-21, 1390/01/01

Expected recruitment end date

2012-05-21, 1391/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation effects of Dexamethasone on postoperative pain after lumber discectomy : Randomized and Double blind study

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201205279878N1**

Registration date: **2012-07-03, 1391/04/13**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-07-03, 1391/04/13

Registrant information

Name

Firooz Salehpour

Name of organization / entity

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Iran (Islamic Republic of)

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Public title

Lumber discectomy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: All patients referred to Lumber discectomy Exclusion criteria: Diabetic;Other contraindication of Dexamethasone ; Long-term use of corticosteroids

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **80**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Recruitment status

Recruitment complete

Funding source

Double blinded
Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Tabriz University of Medical Science

Street address

Tabriz University of Medical Science , Gholghasht street , Azadi street, Tabriz

City

Tabriz

Postal code

Approval date

2012-05-31, 1391/03/11

Ethics committee reference number

5/4/2421

Health conditions studied

1

Description of health condition studied

Low back pain due to Lumbar discopathy

ICD-10 code

M51.2+

ICD-10 code description

Lumbago due to displacement of intervertebral disc

Primary outcomes

1

Description

Pain score

Timepoint

6 , 12 , 18 and 24 hours after surgery

Method of measurement

Based on Visual Analogue Scale

Secondary outcomes

empty

Intervention groups

1

Description

intervention group : Ampule Dexamethasone(8 mg)

Single dose after surgery + Ampule Morphine 0.1 mg/kg

Category

Treatment - Drugs

2

Description

Control group: Ampule Morphine 0.1 mg/kg

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Neurosurgery Ward of Emem Reza hospital

Full name of responsible person

Street address

City

Tabriz

2

Recruitment center

Name of recruitment center

Neurosurgery Ward of Shohada hospital

Full name of responsible person

Street address

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Dr. Ali Meshkini

Street address

Vice Chancellor for Research , Faculty of Medicine , Gholghasht Street, Azadi Street, Tabriz

City

Tabriz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Tabriz 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
Tabriz University of Medical Sciences
Full name of responsible person
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Person responsible for updating data

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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