

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Comparison of the effect of intravenous Lidocain and Dexamethasone on post operative sore throat in general anesthesia with endotracheal tube: A clinical trial

Protocol summary

Summary

The aim Study: Comparison of the effect of of intravenous Lidocain and Dexamethasone on post operative sore throat in general anesthesia with endotracheal tube. After explaining the purpose of the study and obtaining the informed consent, patients will be randomly allocated into A,B and C groups. Randomization will be performed using random block sizes of 3. The study is randomized, single cente. Inclusion criteria: Patients candidate for general anesthesia, Exclusion criteria: ASA class 3 anesthesia risk and higher than , emergent patients, complications of surgery and anesthesia, history of narcotic and anticonvulsant drugs use, craniofacial surgery, acute and chronic upper respiratory airways problems and non supine position. Sample size: 216 patients. The interventions used in the study: Dexamethasone 0.2 mg.kg and Lidocain 1mg.kg. Primary outcome: Rate of sore throat

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017010231728N1**

Registration date: **2017-04-07, 1396/01/18**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-04-07, 1396/01/18

Registrant information

Name

Mahshid Mokarian

Name of organization / entity

Shahroud University of Medical Sciences

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Shahroud University of Medical Sciences

Expected recruitment start date

2017-03-21, 1396/01/01

Expected recruitment end date

2018-03-21, 1397/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effect of intravenous Lidocain and Dexamethasone on post operative sore throat in general anesthesia with endotracheal tube: A clinical trial

Public title

The effect of intravenous Lidocain and Dexamethasone on post operative sore throat in general anesthesia

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Patients candidate for general anesthesia Exclusion criteria: ASA class 3 anesthesia risk and higher than ; emergent patients; complications of surgery and anesthesia; history of narcotic and anticonvulsant drugs use; craniofacial surgery; acute and

chronic upper respiratory airways problems; non supine position

Age

No age limit

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: 216

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee, Vice chancellor for research,
Shahroud University of Medical Sciences

Street address

Shahroud University of Medical Sciences, Hafte-Tir
Square

City

Shahroud

Postal code

3613773955

Approval date

2016-01-25, 1394/11/05

Ethics committee reference number

IRSHMUREC.1394.186

Health conditions studied

1

Description of health condition studied

The effect of intravenous Lidocain and Dexamethasone on post operative sore throat in general anesthesia with endotracheal tube

ICD-10 code

T88

ICD-10 code description

Other complications of surgical and medical care, not elsewhere classified

Primary outcomes

1

Description

Sore throat

Timepoint

1, 12, 24 hours after surgery

Method of measurement

Visual Analog Scale(VAS)

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Dexamethasone 0.2 mg/kg IV

Category

Treatment - Drugs

2

Description

Intervention group: Lidocain 1mg/kg IV

Category

Treatment - Drugs

3

Description

Control group: Distilled Water 3 cc IV

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Hossein hospital

Full name of responsible person

Dr Akram Asad poor

Street address

Imam Hossein Hospital, End of Ayatollah Towhidi
avenue, Shahroud

City

Shahroud

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Deputy of research, Shahroud University of Medical
Sciences

Full name of responsible person

Mohammad Hasan Emamian

Street address

Deputy of research, Shahroud University of Medical Sciences, Hafte-Tir Square, Shahroud

City

Shahroud

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Deputy of research, Shahroud 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

Shahroud University of Medical Sciences

Full name of responsible person

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Position

Medical Student

Other areas of specialty/work

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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