# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

22 Nov 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

**Country**

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**

Mahshid Mokarian

**Position**

Medical Student

**Other areas of specialty/work**

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## Person responsible for scientific inquiries

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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*