

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

02 Jun 2026

### Comparison the incidence of sore throat after laryngeal mask insertion in patients undergoing cataract surgery in four different groups

#### Protocol summary

##### Summary

Purpose: Evaluation and comparison of the effects of three different methods for reducing postoperative sore throat with the control group. Design and criteria: This study is prospective and clinical trial. The research is done on 240 patients with ASA I, II who were candidates of cataract surgery under general anesthesia with laryngeal mask airway insertion and are not addict or mental retard. They are divided to four groups, each with 60 people randomly. Methods and interventions: No supplementary method is used in the control group. In the second and third groups, cuff is rinsed with lidocaine gel and saline before laryngeal mask airway insertion respectively. In the fourth group mouth is washed before laryngeal mask airway removal. Primary outcome: Prevalence of sore throat is measured during the recovery and before discharging the patients (3-4 h after the operation) using verbal analogue scale system.

#### General information

##### Acronym

postoperative sore throat

##### IRCT registration information

IRCT registration number: **IRCT201203079229N1**

Registration date: **2013-05-10, 1392/02/20**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2013-05-10, 1392/02/20

##### Registrant information

###### Name

Mehryar Taghavi Gilani

###### Name of organization / entity

Medical University of Mashhad

##### Country

Iran (Islamic Republic of)

##### Phone

+98 51 1852 5209

##### Email address

taghavim@mums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Mashhad university of Medical Science (MUMS)

##### Expected recruitment start date

2012-10-22, 1391/08/01

##### Expected recruitment end date

2013-05-20, 1392/02/30

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Comparison the incidence of sore throat after laryngeal mask insertion in patients undergoing cataract surgery in four different groups

##### Public title

decreasing of postoperative sore throat

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

inclusion criteria: cataract surgery; ASA I-II exclusion criteria: addiction; mental retard; laryngeal mask airway insertion problems; tracheal intubation

##### Age

From **20 years** old to **100 years** old

##### Gender

Both

##### Phase

N/A

### Groups that have been masked

No information

### Sample size

Target sample size: **240**

### 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

Medical University of Mashhad

##### Street address

Ghoreishi apartment, Daneshgah str

##### City

Mashhad

##### Postal code

#### Approval date

2012-11-05, 1391/08/15

#### Ethics committee reference number

900825

## Health conditions studied

### 1

#### Description of health condition studied

sore throat after laryngeal mask airway

#### ICD-10 code

J39/9

#### ICD-10 code description

Disease of upper respiratory tract, unspecified

### 2

#### Description of health condition studied

postoperative sore throat

#### ICD-10 code

J95.8

#### ICD-10 code description

Other postprocedural respiratory disorders

## Primary outcomes

### 1

#### Description

sore throat after laryngeal mask airway insertion

#### Timepoint

recovery and discharge time

#### Method of measurement

verbal analogue scale

## Secondary outcomes

### 1

#### Description

sore throat

#### Timepoint

recovery and discharge time

#### Method of measurement

verbal analogue scale

## Intervention groups

### 1

#### Description

control group: no emollient and technique don,t use before laryngeal mask airway insertion

#### Category

Treatment - Other

### 2

#### Description

lidocaine group: lidocaine gel use on cuff before laryngeal mask airway insertion

#### Category

Treatment - Drugs

### 3

#### Description

saline group: rinsing of cuff with saline before laryngeal mask airway insertion

#### Category

Treatment - Drugs

### 4

#### Description

mouth washing group: washing of mouth with 20 ml saline before laryngeal mask airway removal

#### Category

Treatment - Drugs

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Khatam Al-Anbiaa Hospital

##### Full name of responsible person

Mehryar Taghavi Gilani  
**Street address**  
**City**  
Mashhad

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**  
Medical University of Mashhad  
**Full name of responsible person**  
Mehryar Taghavi Gilani  
**Street address**  
Khatam Al-Anbiaa Hospital  
**City**  
Mashhad  
**Grant name**  
**Grant code / Reference number**  
**Is the source of funding the same sponsor organization/entity?**  
Yes  
**Title of funding source**  
Medical University of Mashhad  
**Proportion provided by this source**  
**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*

2

### Sponsor

**Name of organization / entity**  
Medical University of Mashhad  
**Full name of responsible person**  
Mehryar Taghavi Gilani  
**Street address**  
Khatam Al-Anbiaa Hospital  
**City**  
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**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**  
Medical University of Mashhad  
**Full name of responsible person**  
Mehryar Taghavi Gilani  
**Position**  
Assistant Professor of Anesthesia  
**Other areas of specialty/work**  
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**Web page address**

## Person responsible for scientific inquiries

### Contact

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MD/ Assistant Professor of Anesthesia  
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## Person responsible for updating data

### Contact

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**Other areas of specialty/work**  
**Street address**  
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**Fax**  
**Email**  
**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*