

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

13 Jun 2026

### The comparison of sore throat after the operation after insertion of laryngeal mask airway in conventional method with new technique

#### Protocol summary

##### Summary

The purpose of this study is to compare the incidence and severity of post-surgery sore throat after insertion of LMA in traditional and new method. This is a clinical trial study. The study population will patients undergoing phaco surgery in Khatam-al-Anbia hospital. Inclusion criteria: ASA I & II, phaco surgery, age over 16 year. Exclusion criteria are catching cold and sore throat. 80 patients will divided in two groups randomly. Intervention in this study is type of insertion LMA. All patients will be under general Anesthesia in a same way and will divide in group A & B randomly. In group A, LMA will insert by dominant hand with support of index finger under proximal of non-laryngeal mask cuff (conventional method). In group B laryngeal mask will insert with dominant hand and non-dominant hand on non-laryngeal cuff so avoid of LMA to contact and damage upper palate and oropharyngeal tissue (new method). After awaking patients in recovery and one day after surgery sore throat will evaluate. Time of this study will be in September of 2013. Result of this study: Are new method of insertion of LMA cause to decrease of post-operative sore throat.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2013081911200N2**  
Registration date: **2013-09-01, 1392/06/10**  
Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2013-09-01, 1392/06/10

##### Registrant information

##### Name

Mohsen Akhondi

##### Name of organization / entity

Mashhad University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 51 1802 2711

##### Email address

akhondim901@mums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Mashhad University of Medical Science

##### Expected recruitment start date

2013-08-23, 1392/06/01

##### Expected recruitment end date

2013-09-23, 1392/07/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The comparison of sore throat after the operation after insertion of laryngeal mask airway in conventional method with new technique

##### Public title

Sore throat after new technique of insertion of LMA

##### Purpose

Prevention

##### Inclusion/Exclusion criteria

Inclusion criteria: ASA I & II, phaco surgery, age over 16 year. Exclusion criteria are catching cold and sore throat.

##### 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)

Single blinded

### Blinding description

### Placebo

Not used

### Assignment

Parallel

### Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Mashhad University of Medical Science

##### Street address

Fakori Blv.

##### City

Mashhad

##### Postal code

##### Approval date

2013-08-17, 1392/05/26

##### Ethics committee reference number

920257

## Health conditions studied

### 1

#### Description of health condition studied

sore throat

#### ICD-10 code

R07.0

#### ICD-10 code description

Pain in throat

## Primary outcomes

### 1

#### Description

Sore throat

#### Timepoint

After surgery and one day later

#### Method of measurement

Asking patient

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

In intervention group, laryngeal mask will insert with dominant hand and non-dominant hand on non-laryngeal cuff so avoid of LMA to contact and damage upper palate and oropharyngial tissue (new method)

#### Category

Treatment - Other

### 2

#### Description

In control groups, LMA will insert by dominant hand with support of index finger under proximal of non-laryngeal mask cuff (conversional method)

#### Category

Other

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Khatam-al-Anbia Hospital

##### Full name of responsible person

Dr Mohammad Gharavi Fard

##### Street address

##### City

Mashhad

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Mashhad University of Medical Science

##### Full name of responsible person

Dr Mohsen Tafaghodi

##### Street address

Anesthesiology Department, Imam Reza Hospital

##### City

Mashhad

#### Grant name

#### Grant code / Reference number

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

Yes

#### Title of funding source

Mashhad University of Medical Science

#### 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*

**Postal code****Phone**

+98 51 1802 2711

**Fax****Email**

GharaviM@mums.ac

**Web page address****Person responsible for general inquiries****Contact****Name of organization / entity**

Mashhad University of Medical Science

**Full name of responsible person**

Dr Mohammad Gharavi fard

**Position**

Associate Professor

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

Anesthesiology Department, Imam Reza Hospital

**City**

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**Postal code****Phone**

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**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

Mashhad University of Medical Science

**Full name of responsible person**

Dr Mohsen Akhondi

**Position**

Resident

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

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**Web page address****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Mashhad University of Medical Science

**Full name of responsible person**

Dr Mohammad Gharavi fard

**Position**

Associate Professor

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

Anesthesiology Department, Imam Reza Hospital

**City**

Mashhad

**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*