

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 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

Masshad

Postal code**Phone**

+98 51 1802 2711

Fax**Email**

GharaviM@mums.ac

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**

Anesthesiology Department, Imam Reza Hospital

City

Mashhad

Postal code**Phone**

+98 51 1802 2711

Fax**Email**

akhondim901@mums.ac.ir

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