Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 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 lidocaein 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 emolient 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 washimg 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
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

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
Street address
Khatam Al-Anbiaa Hospital
City
Mashhad
Postal code
Phone
+98 51 1852 5209
Fax
Email
taghavim@mums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Medical University of Mashhad
Full name of responsible person
Mehryar Taghavi Gilani
Position
MD/ Assistant Professor of Anesthesia
Other areas of specialty/work
Street address
Khatam Al-Anbiaa Hospital
City
Mashhad
Postal code
Phone
+98 51 1852 5209
Fax
Email
taghavim@mums.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Medical University of Mashhad
Full name of responsible person
Mehryar Taghavi Gilani
Position
Other areas of specialty/work
Street address
City
Postal code
Phone
00

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