

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparing the effectiveness of pre and post intubation injection of dexamethasone in reducing postoperative sore throat in patients candidated for ENT surgery with general anesthesia

Protocol summary

Summary

70 patients at the age of 30-60 that are candidates for ENT surgery with general anesthesia, will be included in the study. Patients will be divided into two groups randomly. In group A 30 mg dexametasone will be injected intravenously 30 minutes before intubation, and in group B 30 mg dexametasone will be injected intravenously 30 minutes after intubation. One person will intubate all patients and the drug used for anesthesia will be same in both groups. Sore throat and coughing and hoarseness will be studied after 1, 6 and 24 hours after anesthesia. Severity of sore throat and coughing and hoarseness will be measured by using 4-point scale table and compared between two groups considering their age, weight, and duration of intubation.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201104272821N4**

Registration date: **2011-06-11, 1390/03/21**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2011-06-11, 1390/03/21

Registrant information

Name

Seyed Javad Seyed Toutouchi

Name of organization / entity

Tabriz university of medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 41 1334 9435

Email address

totonchis@tbzmed.ac.ir

Recruitment status

Recruitment complete

Funding source

Tabriz university of medical sciences

Expected recruitment start date

2011-04-04, 1390/01/15

Expected recruitment end date

2011-12-06, 1390/09/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing the effectiveness of pre and post intubation injection of dexamethasone in reducing postoperative sore throat in patients candidated for ENT surgery with general anesthesia

Public title

Comparing the effectiveness of pre and post intubation injection of dexamethasone in reducing postoperative sore throat

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: all patients with ENT disease that need to surgery, age between 30-60 years old. Exclusion criteria: surgery for throat and larynx (tonsils and vocal nodules), upper respiratory infections or sore throat, use of steroid or anti-pain drugs before surgery, change of head position during surgery, patients with NG tube, intubation less than 60 or more than 300 minutes,

vomiting during study.

Age
From **30 years** old to **60 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **70**

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
Tabriz University of Medical Sciences

Street address
Daneshghah Ave

City
Tabriz

Postal code

Approval date
2011-04-05, 1390/01/16

Ethics committee reference number
5/4/255

Health conditions studied

1

Description of health condition studied
sore throat

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
24 hours

Method of measurement
4-point scale table

Secondary outcomes

1

Description
severity of pain

Timepoint
24 hours

Method of measurement
Visual Analogue scale

Intervention groups

1

Description
Group A: 8 mg intravenous Dexametasone 30 minutes before intubation

Category
Treatment - Drugs

2

Description
Group B: 8 mg intravenous Dexametasone 30 minutes after intubation

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Emam Reza Hospital

Full name of responsible person
Mahmood Eidy

Street address
Operating room, Emam Reza Hospital

City
Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Tabriz University of Medical Sciences

Full name of responsible person
Ali Meshkini

Street address
Faculty of Medicine

City

Tabriz
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Tabriz 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
Tabriz University of Medical Sciences
Full name of responsible person
Parisa Sadeghian
Position
Medical Student
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Person responsible for scientific inquiries

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Anesthesiologist, Associate professor

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Person responsible for updating data

Contact

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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