

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 2026

Comparison of two methods to facilitate laryngoscopy under Anesthesia with imperfect consciousness and regional block airway, in patients with predictable difficult airway

Protocol summary

Summary

The purpose of this study is comparison of two methods to facilitate laryngoscopy under Anesthesia with imperfect consciousness and regional block airway, in patients with predictable difficult airway. In this study the patients aged 16 to 75 years with no history of increased intracranial pressure with predicted difficult airway will be enrolled. 60 patients referred to Tehran Imam Khomeini hospital will be divided into 2 groups, anesthesia with imperfect consciousness and regional block before surgery and factors such as recalling painful memories, compliance for laryngoscopy, patient satisfaction, changes in heart rate and blood pressure will be compared at the end of anesthesia.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014122112642N6**

Registration date: **2015-01-18, 1393/10/28**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2015-01-18, 1393/10/28

Registrant information

Name

Majid Golestani Eraghi

Name of organization / entity

Shahid Beheshti University Of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 3336 0547

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dr.golestani@arakmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for Research and Technology, Tehran University of Medical Sciences

Expected recruitment start date

2015-02-20, 1393/12/01

Expected recruitment end date

2015-05-22, 1394/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of two methods to facilitate laryngoscopy under Anesthesia with imperfect consciousness and regional block airway, in patients with predictable difficult airway

Public title

Comparing anesthesia with imperfect consciousness and regional block in direct examination of airway

Purpose

Prevention

Inclusion/Exclusion criteria

inclusion criteria: difficult airway; laryngeal tumor; age between 16 to 75 years exclusion criteria: Patients with severe psychiatric disorders; known and important cardiovascular diseases; increased intracranial pressure; known intraocular pathology; previous psychotic disorder; hyperthyroidism or thyroid medication; porphyria; history of adverse reactions to ketamine

Age

From **16 years** old to **75 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **60**

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

Research Ethics Committee of Tehran University of
Medical Sciences

Street address

Ghods Ave, Keshavarz Boulevard, Tehran

City

Tehran

Postal code

Approval date

2011-10-11, 1390/07/19

Ethics committee reference number

1408/ 130 /90 / ص

Health conditions studied

1

Description of health condition studied

direct laryngoscopy

ICD-10 code

T88.4

ICD-10 code description

Failed or difficult intubation

Primary outcomes

1

Description

Patient Compliance

Timepoint

During the study

Method of measurement

Expression of the patient and surgeon

2

Description

Blood pressure changes

Timepoint

Before, during and after the performing laryngoscopy

Method of measurement

according mmHg using a sphygmomanometer

Secondary outcomes

1

Description

heart rate

Timepoint

Before, during and after the performing laryngoscopy

Method of measurement

beat in minute

Intervention groups

1

Description

4-8ug/kg intra venus fentanyl and 0/6mg/kg
subcutaneous ketamin

Category

Prevention

2

Description

bilateral supralaryngeal block

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Tehran Emam Khomeini Hospital

Full name of responsible person

Majid Golestani Eraghi

Street address

Kargar Ave, Keshavarz Boulevard

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research and Technology of
Tehran University of Medical Sciences

Full name of responsible person

Masood Yoonesian

Street address

Ghods Ave, Keshavarz Boulvar, Central Organization
of Tehran University of Medical Sciences

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice Chancellor for Research and Technology of Tehran
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

**Person responsible for scientific
inquiries**

Contact

Name of organization / entity

Arak University Of Medical Sciences

Full name of responsible person

Majid Golestani Eraghi

Position

Anesthesiologist

Other areas of specialty/work

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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