Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

comparison of the laryngoscopic view by cricoid pressure and without cricoid pressure in patients aged 18-80 years under general anesthesia

Protocol summary

Summary

Objectives: This study is aimed to compare the laryngoscopic view by cricoid pressure and without cricoid pressure in patients aged 18-80 years under general anesthesia. Design: Prospective crossover clinical trial. Setting and conduct : Tertiary regional and teaching hospital. Participants including major eligibility criteria: ASA Class I- II, undergoing general anesthesia in Farabi Hospital during 2011-2013,were included . Intervention: Each patient serving as his or her own control, and received cricoid pressure and without cricoid pressure. Main outcome measures (variables): Cormack and Lehane grading, Laryngoscopic view change. Type of maneuver are coded and delivered to the patients by and individual not aware of the research process.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201304188435N4**
Registration date: **2013-05-06, 1392/02/16**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2013-05-06, 1392/02/16

Registrant information

Name

Seyed Masoud Hashemi

Name of organization / entity

Department of Anesthesiology and Pain

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Tehran University of Medical Sciences and Health Services

Expected recruitment start date

2011-04-21, 1390/02/01

Expected recruitment end date

2013-02-19, 1391/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

comparison of the laryngoscopic view by cricoid pressure and without cricoid pressure in patients aged 18-80 years under general anesthesia

Public title

comparison of the laryngoscopic view by cricoid pressure and without cricoid pressure

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: ASA Class I- II; signing consent to participate in the study Exclusion criteria: Anatomic maxillofacial abnormality; Thyromegaly

Age

From **18 years** old to **80 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **84**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Crossover

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Tehran University of Medical Sciences and Health Services

Street address

Poorsina Ave.

City

Tehran

Postal code

Approval date

2010-06-10, 1389/03/20

Ethics committee reference number

p/20-3-89

Health conditions studied

1

Description of health condition studied

Laryngoscopic view

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

View of laryngeal inlet

Timepoint

Before and after the cricoid pressure

Method of measurement

Cormack & lehane grading

2

Description

change of laryngeal view

Timepoint

Before and after the cricoid pressure

Method of measurement

Cormack & lehane grading

Secondary outcomes

empty

Intervention groups

1

Description

In the study group : Cricoid pressure

Category

Prevention

2

Description

In the control group: Without the cricoid pressure

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Anesthesia department , Farabi Hospital

Full name of responsible person

Anahid Maleki

Street address

Qazvin Sq.

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Tehran University of Medical Sciences

Full name of responsible person

Shahin Akhunzadeh MD.

Street address

Poursina St.

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, 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
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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