Clinical Trial Protocol
Iranian Registry of Clinical Trials

19 Sep 2026

The comparison of Miller and Macintosh blades laryngoscopy visualization for the removal of the foreign body from the hypopharynx with the Magill forceps

Protocol summary

Summary

This study compares Miller and Macintosh laryngoscope for removing foreign body from hypopharynx area. All candidates of esophagoscopy with the complain of foreign body in hypopharynx and esophagus who have more than 2 years old with ASA class 1, 2 and mallampati class 1, 2 are included. Sixty patients are divided randomly in two groups of blades: Miller and Macintosh Laryngoscopic view will be recorded as the following: 1- Viewing larynx (vocal cords) without view of posterior part of piriform sinus 2- Viewing larynx (vocal cords) and the posterior part of piriform sinus 3- Viewing larynx (vocal cords) and the posterior part of piriform sinus and closed hypopharyngeal orifice 4- viewing larynx (vocal cords) and the posterior part of piriform sinus and open hypopharyngeal orifice This study wants to answer to this question: which blade is more appropriate for removing foreign bodies from hypopharynx?

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014072016917N3**
Registration date: **2014-09-12, 1393/06/21**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2014-09-12, 1393/06/21

Registrant information

Name

Ali Ashraf

Name of organization / entity

Guilan University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Guilan University of Medical Sciences

Expected recruitment start date

2014-08-22, 1393/05/31

Expected recruitment end date

2015-02-19, 1393/11/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The comparison of Miller and Macintosh blades laryngoscopy visualization for the removal of the foreign body from the hypopharynx with the Magill forceps

Public title

The comparison of Miller and Macintosh blades laryngoscopy for foreign body removal with Magill forceps in patients older than 2 years

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: Age over 2 years; ASA class 1, 2
Exclusion criteria: Cormack and lehane score more than 2; Seeing wound or bleeding in hypopharynx

Age

No age limit

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **60**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Random block

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Guilan university of Medical Sciences

Street address

Namjoo street

City

Rasht

Postal code

4193893345

Approval date

2010-08-20, 1389/05/29

Ethics committee reference number

1930075305

Health conditions studied

1

Description of health condition studied

Foreign body in pharynx

ICD-10 code

T17.2

ICD-10 code description

Foreign body in pharynx

Primary outcomes

1

Description

Carry out foreign body

Timepoint

After anesthesia

Method of measurement

success or failure

Secondary outcomes

empty

Intervention groups

1

Description

Intervention 1) Miller blade, Riester company, Germany

Category

Treatment - Devices

2

Description

Intervention 2) Macintosh blade, Riester company, Germany

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Poursina Hospital

Full name of responsible person

Ali Ashraf

Street address

Parastar Street

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research of Guilan University of Medical Sciences

Full name of responsible person

Abtin Heidarzadeh

Street address

Shahid beheshti Highway

City

Rasht

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 of Guilan 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

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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