

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)

Phone

+98 13 1321 0434

Email address

aliashraf@gums.ac.ir

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

City

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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**Contact****Name of organization / entity**

Guilan University of Medical Sciences

Full name of responsible person

Ali ashraf

Position

Anesthesiologist/ Assistant Professor

Other areas of specialty/work**Street address**

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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

Person responsible for scientific inquiries**Contact****Name of organization / entity**

Guilan University of Medical Sciences

Full name of responsible person

Ali Ashraf

Position

Anesthesiologist

Other areas of specialty/work**Street address**

Poursina hospital

City