

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Jul 2026

Comparison of postoperative complication rates after Diagnostic laparoscopy in infertile women between the two methods of endotracheal intubation and a laryngeal mask Classic

Protocol summary

dr.jarahzadeh@ssu.ac.ir

Summary

The purpose of this study is to Comparison of postoperative complication rates after Diagnostic laparoscopy in infertile women between the two methods of endotracheal intubation and a Classic laryngeal mask. In this randomized single blinded clinical trial, 160 women, ASA physical status I and II, were assigned into one of the following two groups. in group 1 Classic laryngeal mask size 3_4 according to age and in group 2 endotracheal intubation tube size 7 were used . side effects such as nausea and vomiting, hoarseness, cough and pain in air ways after , was assessed at 6, 12, and 24 hours after the surgery.

Recruitment status

Recruitment complete

Funding source

Vice-chancellor for research -Shahid Sadoughi University of Medical Science

Expected recruitment start date

2012-12-06, 1391/09/16

Expected recruitment end date

2014-03-20, 1392/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013022312561N1**

Registration date: **2014-10-27, 1393/08/05**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-10-27, 1393/08/05

Registrant information

Name

Mohammad hossein Jarahzadeh

Name of organization / entity

Shahid sadoughy hospital

Country

Iran (Islamic Republic of)

Phone

+98 35 1826 8697

Email address

Scientific title

Comparison of postoperative complication rates after Diagnostic laparoscopy in infertile women between the two methods of endotracheal intubation and a laryngeal mask Classic

Public title

Comparison of postoperative complication rates after Diagnostic laparoscopy in infertile women between the two methods of endotracheal intubation and a laryngeal mask Classic

Purpose

Treatment

Inclusion/Exclusion criteria

including criteria: infertile women under diagnostic laparoscopy by the two methods of endotracheal intubation and a Classic laryngeal mask. excluding criteria: history of cardiovascular disease ; BMI more than 30 ; NG tube ; facial anatomical defect.

Age

No age limit

Gender

Female

Phase

1-2

Groups that have been masked*No information***Sample size**Target sample size: **160****Randomization (investigator's opinion)**

Randomized

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**Ethics Committee of Shahid Sadoughi University of
Medical Science**Street address**Yazd, Bahonar square, Shahid Sadoughi University of
Medical Science**City**

Yazd

Postal code**Approval date**

2013-09-28, 1392/07/06

Ethics committee reference number

9208

Health conditions studied**1****Description of health condition studied**

side effects after intubation

ICD-10 code

J95.9

ICD-10 code description

Postprocedural respiratory disorder, unspecified

Primary outcomes**1****Description**

pain in airways

Timepoint

immediatly,6,12 and 24 hours after the surgery

Method of measurement

by direct asking

2**Description**

nausia and vomiting

Timepoint

in 6, 12 and 12 hours after surgery

Method of measurement

by direct asking

3**Description**

cough

Timepoint

in 6, 12 and 24 hours after the surgery

Method of measurement

by direct asking

Secondary outcomes

empty

Intervention groups**1****Description**

group 1: classic laryngeal mask

Category

Other

2**Description**

group 2: endotracheal intubation

Category

Other

Recruitment centers**1****Recruitment center****Name of recruitment center**

Shahid Sadoughi Hospital

Full name of responsible person

Dr Mohammad Hossein Jarahzadeh

Street address

Yazd, Ebnesina Blv, Shahid Sadoughi Hospital

City

Yazd

Sponsors / Funding sources**1****Sponsor**

Name of organization / entity

Vice-chancellor for research -Shahid Sadoughi
University of Medical Science

Full name of responsible person

Dr Mozaffari

Street address

Yazd, Bahonar square, Shahid Sadoughi University

City

Yazd

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 -Shahid Sadoughi University
of Medical Science

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

Shahid Sadoughi University of Medical Science

Full name of responsible person

Dr Mohammad Hossein Jarahzadeh

Position

Assistant Professor of Anesthesiology

Other areas of specialty/work

Street address

Yazd, Shahid Sadoughi Hospital

City

Yazd

Postal code

8915887857

Phone

+98 35 1822 4000

Fax

Email

dr.jarahzadeh@ssu.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Shahid Sadoughi University of Medical Science

Full name of responsible person

Dr Mohammad Hossein Jarahzadeh

Position

Assistant Professor of Anesthesiology

Other areas of specialty/work

Street address

Yazd, Ebnesina Blv, Shahid Sadoughi Hospital

City

Yazd

Postal code

89158878857

Phone

+98 35 1822 4000

Fax

Email

dr.jarahzadeh.ssu.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Shahid Sadoughi University of Medical Science

Full name of responsible person

Dr Mohammad Hossein Jarahzadeh

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Web page address

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