

Clinical Trial Protocol

Iranian Registry of Clinical Trials

25 Jun 2026

Comparison of laparoscopic salpingectomy effect on ovarian reserve versus laparoscopic salpingostomy.

Protocol summary

Summary

This study is a quasi-experimental study which will not be randomized. A total of 126 patients with tubal ectopic pregnancy who will refer to Arash hospital between the ages of 18 and 40 and will be in need of laparoscopic surgery will be involved in this study. The purpose of this study is to determine the effects of laparoscopic salpingectomy on ovarian reserve in comparison to laparoscopic salpingostomy. All Patients who wants to use oral contraceptives and smoker women and patients with previous infertility or prior pelvic pathology will be excluded. Ovarian reserve is evaluated by serum AMH level before and three months after surgery. Ovarian reserve is evaluated by measurement of AMH level before and three months after surgery.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016051627930N1**

Registration date: **2016-10-31, 1395/08/10**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2016-10-31, 1395/08/10

Registrant information

Name

Fatemeh Tabatabaei

Name of organization / entity

Tabriz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

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Email address

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Recruitment status

Recruitment complete

Funding source

Research center of Tehran medical science of university

Expected recruitment start date

2016-11-10, 1395/08/20

Expected recruitment end date

2017-07-31, 1396/05/09

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of laparoscopic salpingectomy effect on ovarian reserve versus laparoscopic salpingostomy.

Public title

Comparison of ovarian reserve in laparoscopic surgery with and without tubal preservation.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: All patients with tubal ectopic pregnancy who are in need of laparoscopic surgery and come to Arash hospital; aged between 18-40 years old
Exclusion criteria: smokers; patients with gynecologic disorders that affect ovarian function such as endometriosis, previous ovarian or tubal surgeries; history of infertility treatment; and patients who wanted to use oral contraceptives after surgery

Age

From **18 years** old to **40 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 126

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Not 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 Tehran University of Medical Sciences

Street address

Tehran University of Medical Science, Qods Street, Keshavarz Boulevard

City

Tehran

Postal code

Approval date

2016-10-02, 1395/07/11

Ethics committee reference number

IR.TUMS.MEDICINE.REC.1395.706

Health conditions studied

1

Description of health condition studied

Tubal ectopic pregnancy

ICD-10 code

O00.1

ICD-10 code description

Tubal pregnancy

Primary outcomes

1

Description

ovarian reserve

Timepoint

before and three months after surgery

Method of measurement

blood sampling

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group:In this group we measure AMH level before and three months after laparoscopic salpingectomy.

Category

Treatment - Surgery

2

Description

control group:In this group we measure AMH level before and three months after laparoscopic salpingosctomy.

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Arash hospital

Full name of responsible person

Dr. Fatemeh Tabatabaei

Street address

Arash hospital, Rashid street, Tehranpars, Resalat highway

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Deputy for Research Tehran University of Medical Sciences

Full name of responsible person

Dr Masoud Younesian

Street address

Tehran University of Medical Science, Keshavarz boulevard, Qods street

City

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Grant name

Grant code / Reference number

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

Yes

Title of funding source

Deputy 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

Name of organization / entity

Tehran University of Medical Science

Full name of responsible person

Fatemeh Tabatabaei

Position

obstetrician and gynecologist

Other areas of specialty/work

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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