

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### The effects of salpingectomy during hysterectomy on ovarian reserve :before and after clinical trial

#### Protocol summary

Registration timing: **registered\_while\_recruiting**

#### Study aim

Comparison of ovarian reserve pre- and post salpingectomy with hysterectomy

Last update: **2020-12-29, 1399/10/09**

Update count: **0**

#### Design

Clinical trial on 25 female patients under 45 years of age who were candidates for hysterectomy due to benign disease.

#### Registration date

2020-12-29, 1399/10/09

#### Settings and conduct

For patients undergoing hysterectomy with salpenectomy, the amount of ovarian reserve is determined on the day before surgery by blood sampling (2 cc) and sending a sample to measure antimullerian hormone using luminescence immunochemistry kit. 3 months after the operation, again and in the same laboratory and with the same kit, the amount of antimullerian hormone is determined and then the comparison of ovarian reserve before and after the operation is done using t-test of two independent samples.

#### Registrant information

##### Name

Parvin Mostafa Gharebaghi

##### Name of organization / entity

Women's Reproductive Health Research Center, Tabriz University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 41 1553 9161

##### Email address

gharabagh.p@tbzmed.ac.ir

#### Participants/Inclusion and exclusion criteria

Inclusion: Women under 45 years old who candidates for hysterectomy due to benign disease with no history of surgery on ovaries and tubes Exclusion: Women over 45 years old - uterin or ovarian malignancies - Early ovarian failure - Previous history of oophorectomy - Low preoperative AMH level

#### Recruitment status

**Recruitment complete**

#### Funding source

#### Intervention groups

Salpingectomy is also performed in women under the age of 45 years who are candidates for hysterectomy.

#### Expected recruitment start date

2020-04-04, 1399/01/16

#### Expected recruitment end date

2021-04-04, 1400/01/15

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Main outcome variables

ovarian reserve Reduction of ovarian cancer

#### Trial completion date

empty

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20120922010901N8**

Registration date: **2020-12-29, 1399/10/09**

#### Scientific title

The effects of salpingectomy during hysterectomy on ovarian reserve :before and after clinical trial

#### Public title

The effect of salpingectomy on ovarian reserve

## Purpose

Diagnostic

## Inclusion/Exclusion criteria

### Inclusion criteria:

Women under 45 years is a candidate for hysterectomy

### Exclusion criteria:

Malignant disease women under 15 years premature ovarian failure before surgery

## Age

From **15 years** old to **45 years** old

## Gender

Female

## Phase

N/A

## Groups that have been masked

*No information*

## Sample size

Target sample size: **25**

## Randomization (investigator's opinion)

N/A

## Randomization description

## Blinding (investigator's opinion)

Not blinded

## Blinding description

## Placebo

Not used

## Assignment

Single

## Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Ethics committee of Tabriz University of medical sciences

##### Street address

Alzahra hospital,bagh\_e shomal square

##### City

Tabriz

##### Province

East Azarbaijan

##### Postal code

5157695774

#### Approval date

2020-01-06, 1398/10/16

#### Ethics committee reference number

IR.TBZMED.REC.1398.1073

## Health conditions studied

### 1

#### Description of health condition studied

Ovarian reserve following salpingectomy

## ICD-10 code

## ICD-10 code description

## Primary outcomes

### 1

#### Description

Changes in AMH levels following salpingectomy

#### Timepoint

AMH measurement the day before surgery and again three months after surgery

#### Method of measurement

From a blood sample with the same luminescence immunoassay (ICL) kit in the laboratory

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group: Women under 45 years of age are candidates for hysterectomy due to benign diseases in which salpingectomy is performed simultaneously with hysterectomy and the amount of antimullerian hormone is compared before surgery and three months after surgery.

#### Category

Early detection

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Alzahra hospital

##### Full name of responsible person

Mustafa Gharabaghi Parvin

##### Street address

Bagh\_e shomal square

##### City

Tabriz

##### Province

East Azarbaijan

##### Postal code

5157695774

##### Phone

+98 41 3553 7492

##### Email

Pm\_gharabaghi@yahoo.com

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**

Tabriz University of Medical Sciences

**Full name of responsible person**

Mustafa Gharabaghi Parvin

**Street address**

Artesh Jonobi Ave ,Bagheshomal square

**City**

Tabriz

**Province**

East Azarbaijan

**Postal code**

5157695774

**Phone**

+98 41 3553 7492

**Email**

Pm\_gharabaghi@yahoo.com

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Tabriz University of Medical Sciences

**Proportion provided by this source**

90

**Public or private sector**

Public

**Domestic or foreign origin**

Domestic

**Category of foreign source of funding***empty***Country of origin****Type of organization providing the funding**

Academic

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

Tabriz University of Medical Sciences

**Full name of responsible person**

Mustafa Gharabaghi Parvin

**Position**

rofessor

**Latest degree**

Specialist

**Other areas of specialty/work**

Medical Education

**Street address**

Bagheshomal square, Artesh Jonobi

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

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**Full name of responsible person**

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**Person responsible for updating data****Contact****Name of organization / entity**

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**Full name of responsible person**

Mustafa gharabaghi parvin

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**Latest degree**

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**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

Yes - There is a plan to make this available

**Study Protocol**

Undecided - It is not yet known if there will be a plan to make this available

**Statistical Analysis Plan**

Undecided - It is not yet known if there will be a plan to

make this available

**Informed Consent Form**

Undecided - It is not yet known if there will be a plan to make this available

**Clinical Study Report**

Undecided - It is not yet known if there will be a plan to make this available

**Analytic Code**

Undecided - It is not yet known if there will be a plan to make this available

**Data Dictionary**

Undecided - It is not yet known if there will be a plan to make this available

**Title and more details about the data/document**

After analyzing the data, a decision will be made

**When the data will become available and for how long**

Start the access period 6 months after printing the results

**To whom data/document is available**

After analyzing the data, a decision will be made

**Under which criteria data/document could be used**

After analyzing the data, a decision will be made

**From where data/document is obtainable**

After analyzing the data, a decision will be made

**What processes are involved for a request to access data/document**

After analyzing the data, a decision will be made

**Comments**