Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

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

Protocol summary

Study aim
Comparison of ovarian reserve pre- and post salpingectomy with hysterectomy
Design
Clinical trial on 25 female patients under 45 years of age who were candidates for hysterectomy due to benign disease.
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.
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
Intervention groups
Salpingectomy is also performed in women under the age of 45 years who are candidates for hysterectomy.
Main outcome variables
ovarian reserve Reduction of ovarian cancer

General information

Reason for update
Acronym
IRCT registration information
IRCT registration number: **IRCT20120922010901N8**
Registration date: **2020-12-29, 1399/10/09**
Registration timing: **registered_while_recruiting**

Last update: **2020-12-29, 1399/10/09**
Update count: **0**
Registration date
2020-12-29, 1399/10/09

Registrant information
Name
Parvin Mostafa Gharebaghi
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Recruitment status
Recruitment complete
Funding source

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
Trial completion date
empty

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 histerectomy
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
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Tabriz University of Medical Sciences
Full name of responsible person
Mustafa Gharabaghi Parvin
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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
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
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Person responsible for scientific inquiries

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Person responsible for updating data

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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