

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Evaluation of ovarian function after hysterectomy with and without salpingectomy

Protocol summary

Summary

Ovarian cancer is the 5th most common cancer in terms of mortality and the most common gynecologic cancer in women. Many studies have shown that most fatal cancers of ovarian Serous Carcinoma is formed in the distal mucosal of fallopian tube and then to the ovaries and other pelvic organs to be enhanced. Due to this, it Can be hypothesized That The removal of the fallopian tubes reduce the amount of ovarian cancer in the future and the mortality rate of these malignancies. the best opportunity to do this operation, the women who want to undergo hysterectomy for benign reasons. Put this issue because there is no good screening test for ovarian cancer will be of great importance. Also in hysterectomy without salpingectomy there is postoperative complications for patients, including those which may be referred to hydrosalpinx. On the other hand salpingectomy and its effect on ovarian function and hormones maybe can cause premature menopause and sexual dysfunction, psychiatric disorders and cardiovascular disorders, that this create the sense to do this surgery remains controversial. This study aimed to apply in all cases of hysterectomy specimen for routine without worrying about adverse effects on ovarian function in order to reduce the risk of ovarian cancer and related complications such as hydrosalpinx. In htis study that is a randomized not blinded clinical trial, 86 adolescent patients undergoing hysterectomy to benign causes who are not menopausal and agreed to participate in the study were randomly divided into two groups, the control group are just undergoing hysterectomy and the intervention group who undergoing hysterectomy with salpingectomy at the same time. Disagreement of patients or the impossibility of measuring the levels of FSH, LH and AMH or malignancy are exclusion criteria. All patients were treated by a surgeon. Demographics informations such as; age, race, height, weight, FSH, LH and AMH levels as a marker for ovarian function measured in the

preoperative visit, will be recorded. After 6 months we will check the level of FSH , LH and AMH and compare with prior data.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015112025139N1**

Registration date: **2016-09-26, 1395/07/05**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-09-26, 1395/07/05

Registrant information

Name

fariba behnamfar

Name of organization / entity

medeical school of isfahan

Country

Iran (Islamic Republic of)

Phone

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Recruitment status

Recruitment complete

Funding source

Isfahan University of Medical Sciences

Expected recruitment start date

2015-07-23, 1394/05/01

Expected recruitment end date

2016-08-22, 1395/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of ovarian function after hysterectomy with and without salpingectomy

Public title

Evaluation of ovarian function after uterine resection with and without resection of uterine tubes

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Women candidate for hysterectomy because of benign reasons that will be admitted to Alzahra and Beheshti Hospitals in 2016-2017; the patients agreed to participate in the study; No history of menopause or cancer Exclusion criteria: Impossibility of measuring serum markers before or after Surgery for Various reasons; malignancy; cancelling of operation

Age

From **18 years** old to **55 years** old

Gender

Female

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **68****Randomization (investigator's opinion)**

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**

Isfahan University of Medical Sciences

Street address

Technology and Research Department, Building 4 ,
Headquarters of Medical Sciences University,
Daneshgah Boulevard, Isfahan

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Isfahan

Postal code

81745-319

Approval date

2015-07-14, 1394/04/23

Ethics committee reference number

lr.mui.rec.1394.3.319

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

Ovarian cancer

ICD-10 code

C57.8

ICD-10 code description

Overlapping lesion of female genital organs

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

FSH

Timepoint

Before surgery, 6 months after surgery

Method of measurement

Chemiluminescence method with Elecsyscobas e411

2**Description**

LH

Timepoint

Before surgery, 6 months after surgery

Method of measurement

Chemiluminescence method with Elecsyscobas e411

3**Description**

AMH

Timepoint

Before surgery, 6 months after surgery

Method of measurement

Chemiluminescence method with Elecsyscobas e411

Secondary outcomes

empty

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

Bilateral salpingectomy in intervention group (surgical removal of a fallopian tubes during hystrectomy by laparotomy)

Category

Treatment - Surgery

2

Description

Not to do salpingectomy in control group (preservation of fallopian tubes)

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Alzahra Hospital

Full name of responsible person

Hajar Jabbari MD.

Street address

Alzahra Hospital, Soffe ST, Isfahan

City

Isfahan

2

Recruitment center

Name of recruitment center

Shahid Beheshti Hospital

Full name of responsible person

Hajar Jabbari MD.

Street address

Motahari St, Felezi Bridge, Isfahan

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Isfahan University of Medical Sciences

Full name of responsible person

Mrs. Toghiani

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Technology And Research Department, Building 4.
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Daneshgah Boulevard, Isfahan

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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

Isfahan 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

Isfahan University of Medical Sciences

Full name of responsible person

Hajar Jabbari MD.

Position

Assistant of Gynecology and Obstetrics

Other areas of specialty/work

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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