

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

The effect of vitamin D and chemotherapy compared with chemotherapy in the treatment of chemotherapy after ovarian cancer surgery

Protocol summary

Summary

Objective: investigation the success rate of vitamin D and chemotherapy compared with chemotherapy in the treatment of chemotherapy Design: Since vitamin D and its anabolic steroids inhibit the growth of ovarian cancer cells and stimulate apoptosis in animal models and ovarian cancer cell culture media, we decided that investigate of the effects of vitamin D in the treatment of chemotherapy. Setting and conduct: This study is a prospective clinical trial, double blind and randomization, with control group . The study will be performed in the Hospitals of Mashhad University of Medical Sciences on women With advanced stages of epithelial ovarian cancer, the stages that are candidates for post-surgical chemotherapy, that have not any history diseases such as Liver, kidney and etc. will be done. The randomization is done by using closed envelopes. Inclusion criteria: age over 20 years; Patients with advanced stages of epithelial ovarian cancer, candidate for postoperative chemotherapy Exclusion criteria: history diseases such as Liver, kidney,....

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017101833680N4**

Registration date: **2017-10-27, 1396/08/05**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-10-27, 1396/08/05

Registrant information

Name

Farideh Golhasani

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 3802 2631

Email address

golhasanif1@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Mashhad University of Medical Sciences

Expected recruitment start date

2018-03-20, 1396/12/29

Expected recruitment end date

2019-03-20, 1397/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of vitamin D and chemotherapy compared with chemotherapy in the treatment of chemotherapy after ovarian cancer surgery

Public title

The effect of vitamin D and chemotherapy compared with chemotherapy in the treatment of chemotherapy after ovarian cancer surgery

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: age over 20 years; Patients with advanced stages of epithelial ovarian cancer, candidate for postoperative chemotherapy Exclusion criteria: history diseases such as Liver, kidney and etc.

Age

From **20 years** old to **50 years** old

Gender

Female

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **30**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Mashhad University of Medical sciences

Street address

Mashhad University of Medical Sciences, International Offic Administration Center(Qoreishi Building), Daneshgah St.

City

Mashhad

Postal code

91388-13944

Approval date

2016-09-22, 1395/07/01

Ethics committee reference number

IR.MUMS.FM.REC.1395.247

Health conditions studied

1

Description of health condition studied

ovarian cancer

ICD-10 code

C51-C58

ICD-10 code description

Malignant neoplasms of female genital organs

Primary outcomes

1

Description

Liver toxicity

Timepoint

After intervention

Method of measurement

Score

2

Description

locopeni

Timepoint

After intervention

Method of measurement

Score

3

Description

Tumor examination

Timepoint

Before and after intervention

Method of measurement

Sonography

Secondary outcomes

empty

Intervention groups

1

Description

The intervention group, a chemotherapy-like control group, is given 50000 unit of vitamin D orally 1 to 8 weeks.

Category

Treatment - Drugs

2

Description

The control group, the usual chemotherapy, includes the carboplatin and paclitaxel regimen every 3 weeks, once every 3 cycles with placebo will be done.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Qaem Educational, Research and Treatment Center

Full name of responsible person

Dr. Setareh Kasaeian

Street address

Department of Obstetrics and Gynecology, Ghaem Hospital, Ahmadabad .st.

City
Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Mashhad University of Medical Sciences

Full name of responsible person

Mahyar Mirheidari

Street address

Daneshgah St, Ghoreishi Department

City

Mashhad

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, Mashhad 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

Mashhad University of Medical Sciences

Full name of responsible person

Dr. Setsre Kasaeian

Position

Resident, Colleague

Other areas of specialty/work

Street address

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Dr. Malideh Hsanzadeh Mofrad

Position

Assistant professor

Other areas of specialty/work

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Web page address

Person responsible for updating data

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Farideh Golhasani

Position

Master

Other areas of specialty/work

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Woman Health Research Center, Imam Reza Hospital, Taghiabad Square.

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golhasanif1@mums.ac.ir

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