Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Comparing between prescription and not prescription of vitamin D on recurrence of endometriosis related pains, after laparoscopic surgery

Protocol summary

Summary

Goal : Comparison of pain recurrence between prescription and not prescription of vitamin D after laparoscopic surgery in patients with endomeriosis. If results of prescription and not prescription of vitamin D on recurrence of endometriotic pains had significant difference, it can be beneficial on treatment of endomeriosis. Inclusion criteria : 15-45 years women that during laparoscopy endometriosis is confirmed and in second menstruation after operation the score of pain for dysmenorrhea or pelvic pain will be 3 or more. Exclusion criteria : The women that have received vitamin D in last 6 months, the women that will not continue the follow up. Research population : The women with endometriosis that in second menstruation after operation have pain score 3 or more. Sample size : 11 patients in each group (total = 22) Intervention : Prescription and not prescription of vitamin D In vitamin D group from 2 cycles after operation for 16 weeks will tack 50000 IU vitamin D (Dana Tabriz - Iran) weekly and in non vitamin D prescription group placebo each week until 16 weeks. Primary results : Pelvic pain and dysmenorrhea between 2 groups will be compared 6 months after operation.

General information

Acronym

vitamin D and endometriosis

IRCT registration information

IRCT registration number: **IRCT2013021912151N3**
Registration date: **2014-09-23, 1393/07/01**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2014-09-23, 1393/07/01

Registrant information

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Name of organization / entity
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Recruitment status

Recruitment complete

Funding source

Minimally invasive surgery research center , Iran University of Medical Sciences

Expected recruitment start date

2014-09-01, 1393/06/10

Expected recruitment end date

2015-10-02, 1394/07/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing between prescription and not prescription of vitamin D on recurrence of endometriosis related pains, after laparoscopic surgery

Public title

Comparing between prescription and not prescription of vitamin D on recurrence of endometriosis related pains

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria : 15-45 years women that during laparoscopy endometriosis is confirmed and in second

menstruation after operation the score of pain for dysmenorrhea or pelvic pain will be 3 or more. Exclusion criteria : The women that have received vitamin D in last 6 months, the women that will not continue the follow up.

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

Gender
Female

Phase
2-3

Groups that have been masked
No information

Sample size
Target sample size: **22**

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
Iran University of Medical Sciences

Street address
Tehran,Hemmat pathway

City
Tehran

Postal code

Approval date
2014-08-31, 1393/06/09

Ethics committee reference number
93-02-140-24388-103892

Health conditions studied

1

Description of health condition studied
Endometriosis of pelvic peritoneum

ICD-10 code
N80.3

ICD-10 code description
Endometriosis of pelvic peritoneum

Primary outcomes

1

Description
Severity of dysmenorrhea

Timepoint
2 cycles after operation

Method of measurement
VAS test

2

Description
Severity of dysmenorrhea

Timepoint
before operation

Method of measurement
VAS test

3

Description
Severity of dysmenorrhea

Timepoint
4 months after starting vitamin D

Method of measurement
VAS test

Secondary outcomes

1

Description
dysmenorrhea

Timepoint
4 months after starting vitamin D

Method of measurement
VAS test

Intervention groups

1

Description
In intervention group oral pearls of vitamin D (50000 IU - Dana Tabriz Company-Iran) per week until 16 weeks after operation will be prescribed.

Category
Treatment - Drugs

2

Description
in control group one oral pearl of placebo (50000 IU - Dana Tabriz Company-Iran) weekly until 16 weeks.

Category
Placebo

Recruitment centers

1

Recruitment center
Name of recruitment center
Rasoul-e-Akram Hospital
Full name of responsible person
Dr.Fariba Almassi
Street address
Iran , Tehran , Sattarkhan street
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Minimally Invasive Surgery Research Center of Iran University of Medical Sciences
Full name of responsible person
Dr Fariba Almassi
Street address
Tehran , Rasoul-e-Akram Hospital
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Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Minimally Invasive Surgery Research Center of Iran 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
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Person responsible for updating data

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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