Clinical Trial Protocol
Iranian Registry of Clinical Trials

28 May 2026

Study of requirement to myomectomy in women`s with symptomatic myoma (fibroid) after the injection of Triptorelin acetate (decapeptyl)

Protocol summary

Summary

The aim of this study is the evaluation of requirement to myomectomy in women with symptomatic (too bleeding) myoma (fibroids) after the injection of Tryptorelin acetate (Decapeptyll). Interventional study with Parallel pattern designed and sampling is randomly for case and control groups. The total sample size was 48. 24 patients in control group and 24 in experimental group. Inclusion criteria: women with myoma are not menopausal and do not use other medicines to improve myoma. Exclusion criteria: patient disagreement to participate in the study. Women with myoma were randomly divided into control and test groups. In the experimental group, after routine examination, Decapeptyl 3/75 mg injected intramuscularly in the gluteal region and dorsogluteal deaply once every 28 days for 6 months (Intervention on days 28, 56, 84, 112, 140 and 168 of the cycle). The control group will using Dydrogesterone 20mg to reduce the symptoms of myoma from the 5th day of menstural cycle for 20 days. About the ability of decapeptyl to improve myoma and decrease surgeries there is different responses in different places. This study is triple blinde and Blinding is done for patients in the study, participants were evaluated to measure the outcome and the committee.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015041421653N1**
Registration date: **2015-06-15, 1394/03/25**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2015-06-15, 1394/03/25

Registrant information

Name
Athar Rasekh Jahromi
Name of organization / entity
Jahrom University of Medical Sciences
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Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source

Jahram University of Medical Sciences

Expected recruitment start date

2015-07-23, 1394/05/01

Expected recruitment end date

2016-01-21, 1394/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Study of requirement to myomectomy in women`s with symptomatic myoma (fibroid) after the injection of Triptorelin acetate (decapeptyl)

Public title

Requirement to myomectomy in women with myoma(fibroid) after treatment

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: non menopausal wemon with myoma; not using another drugs; myoma has symptoms like pain and bleeding even with small size but large number.

Exclusion criteria:menopausal women; using another drugs except decapeptyl for treatment; notsymptomatic myoma; allergic or intestinal reactions after getting drug.

Age
No age limit

Gender
Female

Phase
3

Groups that have been masked
No information

Sample size
Target sample size: **48**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Triple blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Jahrom University of Medical Sciences

Street address
Motahari Street, Jahrom, Fars

City
Jjahrom

Postal code

Approval date
2015-03-21, 1394/01/01

Ethics committee reference number
Jums.REC.1393.100

Health conditions studied

1

Description of health condition studied
leiomyoma

ICD-10 code
D25

ICD-10 code description
benign neoplasms of uterus with morphology code M889 and behaviour code /0

Primary outcomes

1

Description
Lleiomyoma Size

Timepoint
Intervention on days 28, 56, 84, 112, 140 and 168 of the cycle

Method of measurement
mm. sonography

Secondary outcomes

1

Description
Frequency of myomectomy

Timepoint
End of study

Method of measurement
Enumeration

Intervention groups

1

Description
Intervention group: Dcapeptyl 3/75 mg dose will injected intramuscularly in the gluteal region and by dorsogluteal pattern and deeply once every 28 days for 6 months (intervention on days 28, 56, 84, 112, 140 and 168 cycles menstruation).

Category
Treatment - Drugs

2

Description
control group: control group will using Dydrogesterone 20mg from the 5th day of menstural cycle for 20 days.

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Doctor Athar Rasekh Jahromi Clinic

Full name of responsible person
Athar Rasekh Jahromi

Street address
Farmandari Street, Jahrom, Fars

City
Jahrom

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Jahram University of Medical Sciences

Full name of responsible person
Abas Rahmnian

Street address
Motahari Street, Jahrom, Fars

City
Jahrom

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes

Title of funding source
Jahram 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
Jahrom University of Medical Sciences

Full name of responsible person
Athar Rasekh Jahromi

Position
Obstetricians

Other areas of specialty/work

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Person responsible for updating data

Contact

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