Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Jun 2026

Clinical trial on the effect of hyperthyroidism treatment on serum prolactine level in female hyperthyroidism patients of pregnancy age (15-50 y)

Protocol summary

Summary

Objectives: The objective of this study is evaluating the effect of hyperthyroidism treatment on serum prolactine level. Design: This study is a pre-test, post-test one and the level of serum prolactine is measured in hyperthyroidism patients pre and post intervention Setting and Conduct: Hyperthyroidism patients which were eligible to participate in the study will be treated and their serum prolactine level is measured before and after treatment. Participants: Female hyperthyroidism patients aged 15-50 years whom do not use any pharmaceutical agent which increases prolactine level Interventions: Administering anti-hyperthyroidism agents Main outcomes: Serum prolactine level

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201207191774N4**
Registration date: **2012-12-30, 1391/10/10**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2012-12-30, 1391/10/10

Registrant information

Name

Mojgan Sanjari

Name of organization / entity

Kerman University of Medical Science

Country

Iran (Islamic Republic of)

Phone

+98 34 1322 2506

Email address

msanjari@kmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Kerman, Vice chancellor for Research and Technology of University of Medical Sciences, Tahmasb Abad crossroads, the begining of Jahad Boulevard, the begining of Ebn-e-Sina street, In front of Besat clinic

Expected recruitment start date

2012-03-20, 1391/01/01

Expected recruitment end date

2013-05-22, 1392/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical trial on the effect of hyperthyroidism treatment on serum prolactine level in female hyperthyroidism patients of pregnancy age (15-50 y)

Public title

Study of serum prolactin level in women with Hyperthyroidism

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:Women with hyperthyroidism; Age between 15 to 50 years Exclusion criteria : use of drugs which increase prolactine level: dopamine receptor blocker including phenotiazine,chlorpromazin,perfenazine,butirofenon,haloperidole,thioxantine,metocloperamide ; dopamin synthesis inhibitor(etc. methyldopa) ;cathecolamin

releasing agent: reserpin; Opiates ;H2 blockers including cimetidin,ranitidin; Imipramin,Amitriptylin; serotonin intake inhibitor:Fluoxetin; Calcium channel blockers:Verapamil; hormones: Estrogens;Antiandrogens,TRH; Others:pregnancy,lactation,liver disease,chronic kidney disease.

Age
From **15 years** old to **50 years** old

Gender
Female

Phase
2

Groups that have been masked
No information

Sample size
Target sample size: **160**

Randomization (investigator's opinion)
N/A

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics Committee Vice chancellor for Research and Technology of kerman university of medical scienc

Street address
Kerman, Vice chancellor for Research and Technology of University of Medical Sciences, Tahmasb Abad crossroads, the begining of Jahad Boulevard, the begining of Ebn-e-Sina street, In front of Besat clinic

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Kerman

Postal code
7619813159

Approval date
2012-08-23, 1391/06/02

Ethics committee reference number
91193

Health conditions studied

1

Description of health condition studied
hyperthyroidism

ICD-10 code
E05.9

ICD-10 code description
Hyperthyroidism NOS

Primary outcomes

1

Description
serum prolactine level

Timepoint
Pre-treatment; post-treatment

Method of measurement
ICMA

Secondary outcomes

empty

Intervention groups

1

Description
methimazole (20mg) is administered to the patients for 2 months.

Category
Treatment - Drugs

2

Description
in this study, primary serum level of prolactine before the initiation of metimazole administration is considered as the control value. no drug/placebo group is defined for this study.

Category
N/A

Recruitment centers

1

Recruitment center

Name of recruitment center
kerman afzalipour hospital

Full name of responsible person
Dr. KHatereh Mohammadi

Street address
kerman, Imam highway, AfzaliPour Landscape, AfzaliPour Training- Health Center, Adjacent to Bahonar University

City
Kerman

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for Research and Technology of kerman University of Medical Sciences, Physiology res

Full name of responsible person
Dr.Hamid Najafi pour

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Kerman, Vice chancellor for Research and Technology of University of Medical Sciences, Physiology research center, Tahmasb Abad crossroads, the begining of Jahad Boulevard, the begining of Ebn-e-Sina street, In front of Besat clinic

City
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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
Vice chancellor for Research and Technology of kerman University of Medical Sciences, Physiology res

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
Kerman afzalipour hospital

Full name of responsible person
Dr. Mojgan Sanjari

Position
Associated professor

Other areas of specialty/work

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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