

Clinical Trial Protocol

Iranian Registry of Clinical Trials

01 Jun 2026

Study the effect of mixed herbals drug (citrus,citrolus vol,lan,carrot seed,zingber,onion,basil,cinamon) administration on male infertility: oligospermia

Protocol summary

Summary

In the last few years, a marked decrease in the quality of semen has been reported. Infertility is one of the major health problems in 10 to 15% of couples' lives; from which approximately 50% of couple's infertility is due to Male factors. The aim of the present study was to evaluate an herbal mixed effects on spermatogenesis and the normal production of sperm .Researchers have reported that using antioxidants and vitamins A, B, C, E, flavonoids, Sulfur compounds, terpenoids and phenolic compounds in the daily diet can protect sperm. In this study we aimed to assess synergistic effect of these herbal compounds in male Infertility.700 mg capsule for 60 consequence days/daily will be advising, for 40 patients semen samples in 1th and 60 day after treatment will take, for andrology lab according WHO method. Other biochemical tests will be doing according the our research protocol and thesis for blood samples for measure LH,Testestrone,TAC,Glc and Cholesterol.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012071410278N1**

Registration date: **2012-08-07, 1391/05/17**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2012-08-07, 1391/05/17

Registrant information

Name

Arash Khaki

Name of organization / entity

Tabriz Univrsity of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 41 1553 9161

Email address

arashkhaki@yahoo.com

Recruitment status

Recruitment complete

Funding source

Women's Reproductive Health Research Center, Tabriz University of Medical Sciences

Expected recruitment start date

2012-08-22, 1391/06/01

Expected recruitment end date

2012-11-21, 1391/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Study the effect of mixed herbals drug (citrus,citrolus vol,lan,carrot seed,zingber,onion,basil,cinamon) administration on male infertility: oligospermia

Public title

Study the effect of mixed herbal drug administration on male infertility: oligospermia

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: all patients suffering from oligo spermia are included. Exclusion criteria: any diseases

Age

From **25 years** old to **50 years** old

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 40

Randomization (investigator's opinion)

N/A

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Single

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Tabriz University of medical Sciences

Street address

Tabriz, Golgasht Ave,

City

Tabriz

Postal code

51386

Approval date

2012-05-28, 1391/03/08

Ethics committee reference number

9026

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

Oligo spermia

ICD-10 code

N46

ICD-10 code description

Male infertility

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

Sperm count

Timepoint

First day of research, 2th time for sampling is 60 days

after treatment

Method of measurement

Semen analysis

Secondary outcomes**1****Description**

Sperm motality, viability

Timepoint

1th time in first day of research, 2th time after 60 days of treatment

Method of measurement

Semen analysis

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

each capsul contains 700 mg of 8 herbals.

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Alzahra hospital

Full name of responsible person

Dr. Khaki

Street address

Tabriz, south Artesh Ave

City

Tabriz

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Women's Reproductive Health Research Center,
Tabriz University of Medical Sciences

Full name of responsible person

Dr. Elahe Madarek

Street address

Tabriz, Artesh Ave, Alzahra hospital

City

Tabriz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Women's Reproductive Health Research Center, Tabriz
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***Postal code**

51386

Phone

+98 41 1554 1221

Fax

+98 41 1554 1221

Email

arashkhaki@yahoo.com

Web page address<http://wrhrc.tbzmed.ac.ir/?MID=21&Type=News&TypeID=1&id=10>**Person responsible for general inquiries****Contact****Name of organization / entity**Women's Reproductive Health Research Center,
Tabriz University of Medical Sciences**Full name of responsible person**

Dr.Arash Khaki

Position

Associate Prof in Pathology-Member

Other areas of specialty/work**Street address**

Tabriz,South Artesh Ave,Alzahra Hospital

City

Tabriz

Postal code

51386

Phone

+98 41 1554 1221

Fax

+98 41 1554 1221

Email

arashkhaki@yahoo.com

Web page address<http://wrhrc.tbzmed.ac.ir>**Person responsible for updating data****Contact****Name of organization / entity**Women's Reproductive Health Research Center,
Tabriz University of Medical Sciences**Full name of responsible person**

Dr.Arash Khaki

Position

member/Pathologist

Other areas of specialty/work**Street address**

Tabriz,S Artesh Ave,Alzahra Hospital

City

Tabriz

Postal code

51386

Phone

+98 41 1554 1221

Fax

+98 41 1554 1221

Email

arashkhaki@yahoo.com

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Tabriz University of Medical Sciences**Full name of responsible person**

Dr.Arash Khaki

Position

Member/Pathologist

Other areas of specialty/work**Street address**

Tabriz South Artesh Ave,Alzahra Hospital

City

Tabriz

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*