

Clinical Trial Protocol

Iranian Registry of Clinical Trials

15 Jul 2026

Effectiveness of Levisticum officinale on Urine Cystine of Patients with Cystinuria admitted in Alzahra hospital in 2013-2014

Protocol summary

Summary

Aim of this study: Effectiveness of Levisticum officinale on urine cystine of patients with cystinuria admitted in Alzahra hospital in 2013-2014. Convenient sampling method. Not blinded. Placebo not used. Single arm study. An exploratory trial. Inclusion Criteria: Patients with cystinuria admitted in Alzahra hospital in 2013-2014; Obtaining written informed consent. Exclusion criteria: Not having any agreement to participate or continue the study; Any probable complications. Sample size is 18 patients. Intervention is consumption of one tablespoon, two times a day in cystinuria patients for two weeks. Way of consumption is one tablespoon in the morning and one in the evening. Studied consequence is effectiveness of Lovage(Levisticum Officinale)on urine cystine in cystinuric patients.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013061213655N1**
Registration date: **2015-06-23, 1394/04/02**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-06-23, 1394/04/02

Registrant information

Name

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Research deputy of Isfahan Medical Faculty, Isfahan University of Medical Sciences

Expected recruitment start date

2013-03-21, 1392/01/01

Expected recruitment end date

2014-03-20, 1392/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effectiveness of Levisticum officinale on Urine Cystine of Patients with Cystinuria admitted in Alzahra hospital in 2013-2014

Public title

Effectiveness of Lovage(Levisticum Officinale)in prevention of formation of cystin stones

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Patients with cystinuria admitted in Alzahra hospital in 2013-2014; Obtaining written informed consent. Exclusion criteria: Not having any agreement to participate or continue the study ; Any probable complications.

Age

No age limit

Gender

Both

Phase

0

Groups that have been masked

No information

Sample size

Target sample size: 18

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

Ethics Committee of Isfahan Medical Faculty

Street address

Isfahan Medical Faculty, Isfahan University of Medical Sciences, Hezarjarib St, Azadi Sq, Isfahan, Iran.

City

Isfahan

Postal code

Approval date

2014-04-09, 1393/01/20

Ethics committee reference number

393023

Health conditions studied

1

Description of health condition studied

Cystinuria

ICD-10 code

E72.0

ICD-10 code description

Disorders of amino-acid transport

Primary outcomes

1

Description

Urine cystine

Timepoint

Before consumption of Lovage and after 2 weeks consumption of Lovage

Method of measurement

Collection of 24 hours urine

Secondary outcomes

1

Description

Level of creatinin in 24 hours urine.Volume of 24 hours urine

Timepoint

Before consumption of Lovage and after two weeks consumption of Lovage

Method of measurement

Collection of 24 hours urine

Intervention groups

1

Description

Consumption of one tablespoon of Lovage,two times a day ,for two weeks of period.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Alzahra Hospital

Full name of responsible person

Dr Mehrdad Mohammadi Sichani

Street address

Isfahan, Alzahra Hospital, Urology center

City

Isfahan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research Adjutancy of Isfahan Medical Faculty

Full name of responsible person

Dr Mansour Siavash

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Isfahan

Grant name

Grant code / Reference number

393023

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

Yes

Title of funding source

Research Adjutancy of Isfahan Medical Faculty

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*

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City**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*