

Clinical Trial Protocol

Iranian Registry of Clinical Trials

14 Jul 2026

The effect of Alhagi maurorum on urinary tract stones improvement in children over two years

Protocol summary

Summary

The goal of present study is the evaluation of the effect of Alhagi maurorum on urolithiasis in children. In this study, children over 2 years old with urinary stone (with size greater than 2 mm) which didn't reply to usual care (Potassium Citrate) and have inclusion criteria after receiving informed consent enter to study. They will receive Alhagi maurorum (0.5 cc/kg- Nader Company) for a month . At the end, results (reducing the size of stone or dispose of it in an ultrasound examination) will be discussed. Parents also will be explained that in unresponsive to therapy patients, treatment should be continued for up to 6 months. But in order to avoid long-term use of the drug and the imposition of side effects, an alternative treatment is SANKOL drop or sweat camethorn. Inclusion criteria: children older than 2 years with urinary stone that have not responded to treatment with poly citrate. Exclusion criteria: unwillingness to cooperate; history of allergy to herbal medicines. This study is nonrandomized clinical trial. The study will be done on 30 children with urinary stone.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017050333428N3**

Registration date: **2017-06-12, 1396/03/22**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-06-12, 1396/03/22

Registrant information

Name

Elham Bakhtiari

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 3727 3943

Email address

bakhtiari@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Mashhad University of Medical Sciences

Expected recruitment start date

2017-07-06, 1396/04/15

Expected recruitment end date

2018-03-06, 1396/12/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of Alhagi maurorum on urinary tract stones improvement in children over two years

Public title

effect of Alhagi maurorum on urinary tract stones

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Children older than 2 years with urinary stone that have not responded to treatment with poly citrate Exclusion criteria: lack of willingness to cooperate; history of allergy to herbal medicines

Age

From **2 years** old to **18 years** old

Gender

Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: 30

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
Mashhad University of Medical Sciences

Street address
Azadi square, Mashhad

City
Mashhad

Postal code

Approval date
2017-05-03, 1396/02/13

Ethics committee reference number
IR.MUMS.fm.REC.1396.37

Health conditions studied

1

Description of health condition studied
urolithiasis

ICD-10 code
N20.2

ICD-10 code description
Calculus of kidney with calculus of ureter

Primary outcomes

1

Description
size of stone

Timepoint
before and one month after intervention

Method of measurement
sonogarghy

Secondary outcomes

empty

Intervention groups

1

Description
intervention group: Alhagi maurorum, 0.5 cc/kg, Nader Company, one month

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Nephrology Clinic of Dr Sheikh Hospital

Full name of responsible person
Dr. Anoush Azarfar

Street address
Dr. Sheikh Hospital, Gharani BLV, Mashhad

City
Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice chancellor for research, Mashhad University of Medical Sciences

Full name of responsible person
Dr Mohsen Tafaghodi

Street address
Azadi Squire, Mashhad University of Medical Sciences

City
Mashhad

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, Mashhad 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

Mashhad University of Medical Sciences

Full name of responsible person

Anoush Azarfara

Position

Pediatric Nephrology specialists

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

Gharani BLV, Dr Sheikh Hospital

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Person responsible for updating data

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Dr Anoush Azarfara

Position

spacialist medicine

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

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Anoush Azarfara

Position

Pediatric Nephrology specialists

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

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Fax

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