Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

Evaluation and comparison the therapeutic effects of Cuminum cyminum with desmopressin in children with enuresis

Protocol summary

Summary

the goal of study is the evaluation of the therapeutic effects of cumin in enuresis in children. Inclusion criteria: 1) Children older than 5 years with enuresis Exclusion criteria: 1) lack of willingness to cooperate during the study 2) reactions to herbal medicine the study will be done in 40 children with enuresis . Patients will divide in two groups, group 1: Desmopressin spray one or two puffs every night in the nose for a month and group 2: oral cumin, 10 drops three times a day for a month the improvement will compare in two group . Improvement means that children less than 2 times a month wet the bed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017041533428N1**
Registration date: **2017-05-12, 1396/02/22**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2017-05-12, 1396/02/22

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

bakhtiarie@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor of Research of Mashhad University of Medical Sciences

Expected recruitment start date

2017-05-05, 1396/02/15

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

Evaluation and comparison the therapeutic effects of Cuminum cyminum with desmopressin in children with enuresis

Public title

Cumin effect in the treatment of enuresis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Children older than 5 years with enuresis Exclusion criteria: lack of willingness to cooperate during the study; reactions to herbal medicine

Age

From **5 years** old to **10 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**

Randomization (investigator's opinion)

Randomized
Randomization description
Blinding (investigator's opinion)
Single blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
mashhad university of medical sciences
Street address
mashhad, azadi squer
City
mashhad
Postal code
Approval date
2017-01-04, 1395/10/15
Ethics committee reference number
IR.mums.sm.rec.1395.488

Health conditions studied

1

Description of health condition studied
enuresis
ICD-10 code
N32.8
ICD-10 code description
Other specified disorders of bladder

Primary outcomes

1

Description
enuresis
Timepoint
before and one month after intervention
Method of measurement
observation

Secondary outcomes

1

Description
none
Timepoint
none
Method of measurement
none

Intervention groups

1

Description
intervention: cumin drop, 10 drop, three time in day for one month
Category
Treatment - Drugs

2

Description
Control group: desmopressin nasal spray one or two puffs every night for a 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
City
Mashhad

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice President of Research, mashhad university of medical sciences
Full name of responsible person
Dr Mohsen Tafaghodi
Street address
Azadi Squere, 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 President of 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 Azarfar

Position

Pediatric Nephrology specialists

Other areas of specialty/work

Street address

Dr Sheikh Hospital

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+98 51 3727 3943

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azarfara@mums.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Nephrology Clinic,

Full name of responsible person

Anoush Azarfar

Position

Pediatric Nephrology specialists

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Nephrology Clinic

Full name of responsible person

Dr Anoush Azarfar

Position

spacialist medicine

Other areas of specialty/work

Street address

Dr Sheikh Hospital

City

Mashhad

Postal code

Phone

+98 51 3727 3943

Fax

Email

Web page address

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