Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

Comparison of rose petals (Rosa Damascena) with the drug desmopressin in children with enuresis

Protocol summary

Summary

Objectives: Determination the efficacy of rose petals on improving enuresis and comparison with pharmacological therapy (desmopressin) in children. Methods: In this study, the informed consent form will be given to all patients with nocturia. Then patients will be enrolled to complete the form. The patients are divided into two groups, one group of desmopressin nasal spray one or two puffs every night for a month in the second group with rose petals (Glqnd- potion Barij Essence) 1 teaspoon 3 times a day half an hour after a meal can be treated and these two methods are compared with each other. SPSS was used to analyze the data SPSS software Terms of arrival and departure: Inclusion criteria: children younger than 5 years of age with enuresis Exclusion criteria: unwillingness to cooperate during the study, the incidence of allergy to the drug product, diabetes, kidney stones, urinary tract disorders and thalassemia Interventions: use of rose petals to treat enuresis The main outcome variables: the improvement of nocturia as defined recovery times of wet nights less than 3 times a month is called. Primary nocturnal enuresis means bedwetting continues to ages of children waiting for bladder control goes without children at least one year, consecutive dry nights (recovery) is experienced

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017050233653N2**
Registration date: **2017-05-31, 1396/03/10**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2017-05-31, 1396/03/10

Registrant information

Name
Ramin Sargazi
Name of organization / entity
Mashhad University of Medical Sciences
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Iran (Islamic Republic of)
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sargazir901@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for Research, Mashhad University of Medical Sciences

Expected recruitment start date
2017-06-21, 1396/03/31
Expected recruitment end date
2018-01-30, 1396/11/10
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title

Comparison of rose petals (Rosa Damascena) with the drug desmopressin in children with enuresis

Public title

Effect of leaf flowers on enuresis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: children younger than 5 years of age with enuresis Exclusion criteria: unwillingness to

cooperate during the study; the incidence of allergy to the drug product; diabetes; kidney stones; urinary tract disorders and thalassemia

Age
From **5 years** old to **14 years** old

Gender
Both

Phase
2-3

Groups that have been masked
No information

Sample size
Target sample size: **40**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

1

Registry name
none

Secondary trial Id
0000

Registration date
2017-11-22, 1396/09/01

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics Committee Mashhad University of Medical Sciences

Street address
Azadi Square; Mashhad

City
Mashhad

Postal code

Approval date
2017-03-08, 1395/12/18

Ethics committee reference number
IR.MUMS.SM.REC.1395.633

Health conditions studied

1

Description of health condition studied
enuresis

ICD-10 code
R32

ICD-10 code description
A disorder characterized by involuntary voiding of urine, by day and by night, which is abnormal in relation to the individual's mental age, and which is not a consequence of a lack of bladder control due to any neurological disorder, to epileptic attacks

Primary outcomes

1

Description
enuresis

Timepoint
A month after intervention

Method of measurement
Read wet nights less than 3 times a month

Secondary outcomes

1

Description
Reactions to medicinal products

Timepoint
Any time during the study

Method of measurement
Symptoms of drug allergy

Intervention groups

1

Description
Control group: the use of desmopressin nasal spray one or two puffs every night for a month

Category
Treatment - Drugs

2

Description
Intervention group : Use 1 teaspoon of Rosa Damascena, 1 times a day, half an hour after dinner and before bedtime

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 Anush Azarfar

Street address
The headquarters of Mashhad University of Medical Sciences, University streets

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
Vice Chancellor for Research, Mashhad University of Medical Sciences

Full name of responsible person
Dr Anosh Azarfar

Position
Pediatric Nephrologist

Other areas of specialty/work

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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