

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

08 Jun 2026

### The effect of vitamin A in the treatment of idiopathic persistent microscopic hematuria in children 5 to 12 years old

#### Protocol summary

##### Summary

In this study the effect of Vitamin A in the treatment of idiopathic persistent microscopic hematuria in children. All patients with persistent idiopathic microscopic hematuria aged 5 to 12 years old who are enrolled in Amir Kabir Hospital, Arak, Iran. Patients were randomly divided into two groups of equal number. The first group (76 patients) take, vitamin A in a pearl of two kinds. The total duration of treatment is 14 days and the control group (76 cases) without informing the recipients of vitamin A is necessary explanations. Profile of each patient individually by the Executive are recorded in special forms. All children from 5 to 12 years with idiopathic microscopic hematuria diagnosed by the Executive have been included in this study. Patients with renal anomalies, use of other medications and cause hematuria identified during the survey are excluded.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2014091013366N3**

Registration date: **2014-11-08, 1393/08/17**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2014-11-08, 1393/08/17

##### Registrant information

##### Name

Parsa Yousefi Chaijan

##### Name of organization / entity

Arak University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 86 1312 1964

##### Email address

dr.yousefi@arakmu.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Arak University of Medical Sciences

##### Expected recruitment start date

2013-12-22, 1392/10/01

##### Expected recruitment end date

2015-06-03, 1394/03/13

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The effect of vitamin A in the treatment of idiopathic persistent microscopic hematuria in children 5 to 12 years old

##### Public title

The effect of vitamin A in the treatment of idiopathic persistent microscopic hematuria in children 5 to 12 years old

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Inclusion criteria: all children aged between 5 to 12 years old with idiopathic microscopic hematuria diagnosed by the Executive consistently been the cause of hematuria was found during the survey. Exclusion criteria: all patients whose parents did not agree to participate; patients with renal anomalies; the use of certain drugs cause hematuria within 4 reviews

##### Age

From **5 years** old to **12 years** old

**Gender**

Both

**Phase**

2

**Groups that have been masked***No information***Sample size**Target sample size: **152****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**

Arak University of Medical Science

**Street address**

Arak University of Medical Sciences, Elm ol Hoda

**City**

Arak

**Postal code****Approval date**

2013-12-22, 1392/10/01

**Ethics committee reference number**

93-165-29

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

Idiopathic persistent microscopic hematuria

**ICD-10 code**

R31

**ICD-10 code description**

Unspecified haematuria

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

Urine analysis

**Timepoint**

3 urine test within 14 days

**Method of measurement**

urine

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

Urine culture - the ratio of calcium to creatinine

**Timepoint**

First time in 14 days

**Method of measurement**

Urine tests - ultrasound

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

Groups Case: patients in addition to vitamin A description of the two kinds of pearl is given for 14 days

**Category**

Treatment - Drugs

**2****Description**

Groups control : patients without vitamin A description should be given notice of the recipients.

**Category**

N/A

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

Amirkabir Hospital

**Full name of responsible person**

Dr. Parsa Yousefi

**Street address**

Arak, Amirkabir Hospital

**City**

Arak

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

Arak University of Medical Sciences

**Full name of responsible person**

Dr. Davood Hekmatpoo

**Street address**

Arak University of Medical Sciences , Elm ol Hoda st.

**City**

Arak

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

**organization/entity?**

Yes

**Title of funding source**

Arak 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****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Arak University of Medical Sciences

**Full name of responsible person**

Dr. Parsa Yousefi

**Position**

Assistant Professor of Pediatrics

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

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Parsayousefichaijan@yahoo.com

**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

Arak University of Medical Science

**Full name of responsible person**

Dr. Saeedeh Abbasi

**Position**

Pediatric residents

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rahenorayaneh@yahoo.com

**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*