

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jul 2026

### Evaluating the Effect of Pioglitazone on proteinuria in patients with non diabetic renal disease

#### Protocol summary

##### Summary

The purpose of this study is to evaluate the effect of Pioglitazone on proteinuria in patients with non diabetic renal disease. Sample size consists of 42 cases. Inclusion criteria: 1. proteinuria (>500 mg/ day) for at least 6 months; 2. controlled blood pressure for at least 6 months; 3. age more than 18 years; 4. BMI less than 30; 5. serum creatinin less than 6 mg/dl; 6. no diabetes; 7. not using immunosuppressor agents; 8. no heart failure; 9. no liver disease. Exclusion criteria: 1. changes in doses of drugs which have effect on proteinuria (for example ACEI); 2. incidence of complications attributable to the drugs. In this self-controlled clinical trial 15 mg of Pioglitazone is given to the patients daily for 4 months and their 24 -hour urine protein is evaluated at first and then every 2 months till 2 months after drug discontinuation.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT138805222340N1**

Registration date: **2010-07-04, 1389/04/13**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2010-07-04, 1389/04/13

##### Registrant information

##### Name

Bahram Pakzad

##### Name of organization / entity

Isfahan University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 31 1568 3840

##### Email address

pakzad@resident.mui.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Vice chancellery for research, Isfahan University of Medical Sciences

##### Expected recruitment start date

2008-10-22, 1387/08/01

##### Expected recruitment end date

2009-06-22, 1388/04/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Evaluating the Effect of Pioglitazone on proteinuria in patients with non diabetic renal disease

##### Public title

Effect of Pioglitazone on proteinuria

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Inclusion criteria: 1. proteinuria (>500 mg/ day) for at least 6 months; 2. controlled blood pressure for at least 6 months; 3. age more than 18 years; 4. BMI less than 30; 5. serum creatinin less than 6 mg/dl; 6. no diabetes; 7. not using immunosuppressor agents; 8. no heart failure; 9. no liver disease. Exclusion criteria: 1. changes in doses of drugs which have effect on proteinuria (for example ACEI); 2. incidence of complications attributable to the drugs.

##### Age

From **18 years** old to **80 years** old

**Gender**

Both

**Phase**

2

**Groups that have been masked**

No information

**Sample size**

Target sample size: 42

**Randomization (investigator's opinion)**

N/A

**Randomization description****Blinding (investigator's opinion)**

Not blinded

**Blinding description****Placebo**

Not used

**Assignment**

Single

**Other design features**

This study is a self controlled clinical trial in a before/after method

**Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

Isfahan University of Medical Sciences

**Street address**

Isfahan University of Medical Sciences , University avenue

**City**

Isfahan

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

2008-10-22, 1387/08/01

**Ethics committee reference number**

387239

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

chronic renal failure

**ICD-10 code**

N18.0

**ICD-10 code description**

chronic renal failure

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

Reduction of proteinuria

**Timepoint**

Every 2 months

**Method of measurement**

collection of 24-hour urine protein

**Secondary outcomes**

empty

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

15 mg of Pioglitazone, daily for 4 months

**Category**

Treatment - Drugs

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

Alzahra Hospital

**Full name of responsible person****Street address****City**

Isfahan

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

Isfahan University of Medical Sciences

**Full name of responsible person**

Vice Chancellor for Research

**Street address**

Vice Chancellor for Research, Isfahan University of Medical Sciences

**City**

Isfahan

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

Yes

**Title of funding source**

Isfahan 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**

Isfahan Medical School

**Full name of responsible person**

Dr Bahram Pakzad

**Position**

MD/Internal Resident

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

No 103, 1st laleazar, 15th alley, Ale Mohammad St.

**City**

Isfahan

**Postal code**

8193734956

**Phone**

+98 31 1568 3840

**Fax****Email**

pakzad@resident.mui.ac.ir

**Web page address**

+98 31 1222 2255

**Email**

shahidi@med.mui.ac.ir

**Web page address**

## Person responsible for updating data

### Contact

**Name of organization / entity**

Isfahan University of Medical Sciences

**Full name of responsible person**

Dr Bahram Pakzad

**Position**

Internal Medicine Resident

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

Alzahra Hospital

**City**

Isfahan

**Postal code**

8193734956

**Phone**

+98 31 1568 3840

**Fax****Email**

pakzad@resident.mui.ac.ir

**Web page address**

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Department of Internal Medicine, Isfahan University of Medical Sciences

**Full name of responsible person**

Dr Shahrzad Shahidi

**Position**

Nephrologist

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

Noor and Ali-Asghar Hospitals

**City**

Isfahan

**Postal code****Phone**

+98 31 1222 2255

**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*