

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

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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**

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Person responsible for updating data

Contact

Name of organization / entity

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Nephrologist

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Postal code**Phone**

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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