

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Evaluation of Effect of pioglitazone on decreasing of proteinuria in type II diabetic patients and kidney disease.

Protocol summary

Summary

The aim of this study is to determine the effect of pioglitazone on proteinuria in patients with type 2 diabetes and nephropathy. This study is a clinical trial of phase 3, two-blind, single-centered. 60 patients with inclusion criteria: 24-hour urine protein over 250 mg / day or albumin to creatinine ratio greater than 30 mg / g. Exclusion criteria: lack of hypothyroidism and heart failure; HbA1C is less than 8; Blood pressure less than 160/100; Creatinine less than 2; GFR is selected from more than 50 randomly. Patients are divided into two groups of 30. In the first group, pioglitazone is given 30 mg daily for two months and in the control group. Checklists are checked after intervention. 24-hour urine protein and albumin and creatinine respond to treatment.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017080210222N10**

Registration date: **2017-08-17, 1396/05/26**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-08-17, 1396/05/26

Registrant information

Name

Zahra Keivani

Name of organization / entity

Shahrekord University Of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 38 1222 0016

Email address

keivani@skums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahrekord University of Medical Sciences

Expected recruitment start date

2017-09-23, 1396/07/01

Expected recruitment end date

2018-03-21, 1397/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of Effect of pioglitazone on decreasing of proteinuria in type II diabetic patients and kidney disease.

Public title

Evaluation of Effect of pioglitazone on decreasing of proteinuria in type II diabetic patients with nephropathy.

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion Criteria: 24-hour urine protein over 250 mg / day or the ratio of albumin to creatinine over 30 mg/g

Exclusion Criteria: Hypothyroidism and heart failure; HbA1C is less than 8; Blood pressure less than 160/100; Creatinine less than 2; GFR greater than 50

Age

No age limit

Gender

Both

Phase

Groups that have been masked*No information***Sample size**Target sample size: **60****Randomization (investigator's opinion)**

N/A

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

Double blinded

Blinding description**Placebo**

Used

Assignment

Single

Other design features**Secondary Ids**

empty

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

Ethics Committee of Shahrekord University of Medical Sciences

Street address

shahrekord university of medical sciences, Kashani street, shahrekord

City

Shahrekord

Postal code

IR.SKUMS.REC.1395.39

Approval date

2016-06-19, 1395/03/30

Ethics committee reference number

IR.SKUMS.REC.1395.39

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

Diabetic Nephropathy

ICD-10 code

Insulin-de

ICD-10 code description

E10.2

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

24-hour urine protein

Timepoint

2 month after intervention

Method of measurement

sampling

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

Albumin level

Timepoint

2month after intervention

Method of measurement

sampling

2**Description**

creatinin level

Timepoint

2month after intervention

Method of measurement

sampling

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

In the first group receive tablet 30 mg pioglitazone daily orally

Category

Treatment - Drugs

2**Description**

In the second group receive placebo daily orally

Category

Treatment - Drugs

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

Hajar Hospital in Shahrekord

Full name of responsible person

Ali Momeny

Street address

Parastar street,Hajar Hospital of Shahrekord University of Medical Sciences, shahrekord

City

shahrekord

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

Vice chancellor for research of Shahrekord University of Medical Science

Full name of responsible person

Dr. Kamal Solati

Street address

Kashani street, shahrekord university of medical sciences, shahrekord

City

Shahrekord

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 of Shahrekord University of Medical Science

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**

Shahrekord University of Medical Sciences

Full name of responsible person

Ali Momeny

Position

Nephrologist , Professor

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

Parastar street, Kashani Hospital of Shahrekord University of Medical Sciences, shahrekord

City

Shahrekord

Postal code**Phone**

+98 38 3222 0016

Fax**Email**

Ali.momeny.dr@gmail.com

Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Shahrekord University of Medical Sciences

Full name of responsible person

Ali Momeny

Position

Nephrologist, professor

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

Parastar street, Kashani Hospital of Shahrekord University of Medical Sciences, shahrekord

City

Shahrekord

Postal code**Phone**

+98 38 3222 0016

Fax**Email**

Ali.momeny.dr@gmail.com

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

Shahrekord University of Medical

Full name of responsible person

Ali Momeny

Position

Nephrologist, professor

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

Parastar street, Kashani Hospital of Shahrekord University of Medical Sciences, shahrekord

City

Shahrekord

Postal code**Phone**

00

Fax**Email**

Ali.momeny.dr@gmail.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