

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Effects of Pantoprazole on serum glucose level in type two diabetic patients

Protocol summary

Summary

40 patients with type 2 diabetes who are eligible for the study were selected and randomly divided into two interventions and placebo groups. Each group was treated for 12 weeks with 40 mg pantaprazole tablets or placebo twice daily. Glucose, hemoglobin A1C, insulin and gastrin levels will be measured before and after treatment .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013070713612N2**

Registration date: **2013-08-01, 1392/05/10**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2013-08-01, 1392/05/10

Registrant information

Name

Farzad Najafipour

Name of organization / entity

Tabriz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 41 1335 7850

Email address

najafipourf@tbzmed.ac.ir

Recruitment status

Recruitment complete

Funding source

Bone disease health center, Tabriz University of Medical Sciences

Expected recruitment start date

2013-07-23, 1392/05/01

Expected recruitment end date

2014-07-23, 1393/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effects of Pantoprazole on serum glucose level in type two diabetic patients

Public title

Effects of Pantoprazole on serum glucose level in type two diabetic patients

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria : type II diabetes and oral blood glucose lowering drugs for at least 5 years; HbA1C level<8.5 percent; willing to participate in the study Exclusion Criteria: Presence of diabetic complications; use of insulin in the week before the study and during the study; pregnancy and lactation

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Tabriz University of Medical Sciences Ethics Committee

Street address

Golgasht street , Tabriz University of Medical Sciences

City

Tabriz

Postal code**Approval date**

2013-07-07, 1392/04/16

Ethics committee reference number

9255

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

Type 2 diabetes

ICD-10 code

E11

ICD-10 code description

Endocrine, nutritional and metabolic diseases

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

Plasma glucose levels

Timepoint

Before and 12 weeks after intervention

Method of measurement

Paraclinical

2**Description**

serum gastrin levels

Timepoint

Before and 12 weeks after intervention

Method of measurement

Paraclinical

3**Description**

HbA1C

Timepoint

Before and 12 weeks after intervention

Method of measurement

Paraclinical

4**Description**

serum insulin levels

Timepoint

Before and 12 weeks after intervention

Method of measurement

Paraclinical

Secondary outcomes

empty

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

The intervention group receive 40 mg pantaprazole tablets twice daily for 12 weeks.

Category

Treatment - Drugs

2**Description**

The control group receive placebo twice daily for 12 weeks

Category

Placebo

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

Tabriz -Imam Reza hospital

Full name of responsible person

MD farzad najafipour

Street address

Tabriz -Imam Reza hospital

City

tabriz

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

Research deputy of Tabriz University of Medical Sciences

Full name of responsible person
Dr. Shakuri Kazem

Street address
Golgasht street , Tabriz University of Medical Sciences

City
Tabriz

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes

Title of funding source
Research deputy of Tabriz University of Medical Sciences

Proportion provided by this source

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

2

Sponsor

Name of organization / entity
Bone disease health center, Tabriz University of Medical Sciences

Full name of responsible person
Dr. Majid Mobaseri

Street address
Iran, Islamic Republic Of

City
tabriz

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes

Title of funding source
Bone disease health center, Tabriz University of Medical Sciences

Proportion provided by this source

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
Tabriz University of Medical Sciences

Full name of responsible person
Dr.Frazad Najafipour

Position
Assistant professor- endocrinologist

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