

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

The effect Nicotinamide supplementation on Hyperphosphatemia in Patients Undergoing Hemodialysis

Protocol summary

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Summary

Hyperphosphatemia is a basic complication in dialysis patients. a new medicine which is named Niasin Amid is used to cure this illness. for this aim 70 patients will be chosen. it will be divided into two groups :treatment group and experimental group. the experimental group will take Placebo Exclusion criteria: the dialysis patients must have more than 15 years and they must have been dialyzed for more than 6 months although they are receiving medicine for Hyperphosphatemi ,their phosphor is more than 5/5. exclusion criteria: patients' decision to drop out the associations, or finding of side effects. Niasin Amid will be taken for 6-8 weeks and the effects will be investigated.

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Tabriz University of Medical Sciences and Health Services & Razi medicine Co. Ltd.

Expected recruitment start date

2010-12-22, 1389/10/01

Expected recruitment end date

2011-03-21, 1390/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201011295275N1**

Registration date: **2011-04-11, 1390/01/22**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-04-11, 1390/01/22

Registrant information

Name

Masoud Sefidmoyeazar

Name of organization / entity

Tabriz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 41 1554 4854

Email address

Scientific title

The effect Nicotinamide supplementation on Hyperphosphatemia in Patients Undergoing Hemodialysis

Public title

Treatment hyperphosphatemia in hemodialysis patient

Purpose

Treatment

Inclusion/Exclusion criteria

include criteria: 1)age>15 2)phosphore>5.5 3)more than 6 month to beginning in hemodialysis exclude criteria: 1)patient refuse 2)drug adverse

Age

From **15 years** old to **85 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **70**

Randomization (investigator's opinion)

N/A

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

Not blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Tabriz Medical University

Street address

Tabriz Medical school, Golgasht St., Tabriz

City

Tabriz

Postal code**Approval date**

2010-11-21, 1389/08/30

Ethics committee reference number

228763

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

hyperphosphatemia in hemodialysis

ICD-10 code

Z49.1

ICD-10 code description

Extracorporeal dialysis

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

hyperphosphatemia

Timepoint

once two weeks

Method of measurement

serum phosphor checked

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

HDL

Timepoint

Once two weeks

Method of measurement

HDL in serum checked

2**Description**

PTH

Timepoint

Once two weeks

Method of measurement

PTH in serum checked

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

Intervention 1 giveniacinamide at 500 mg/d (as 250 mg twice daily) to experimental group

Category

Treatment - Drugs

2**Description**

Intervention 2 placebo give to control group During the 6-8week treatment.

Category

Placebo

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

SH Madani hospital Iran

Full name of responsible person

Etemadi MD. Nephrologist

Street address

University St.

City

Tabriz

2**Recruitment center****Name of recruitment center**

Emam Reza hospital

Full name of responsible person

Tayebi MD. Nephrologist

Street address

Golgasht St.

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Tabriz University of Medical Sciences and Health Services

Full name of responsible person

Tayebi khosroshahi MD.

Street address

Tabriz Medical school

City

Tabriz

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, Tabriz University of Medical Sciences and Health Services

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**

Tabriz University of Medical Sciences and Health Services

Full name of responsible person

Masoud Sefid Moye Azar

Position

Internal Medicine resident

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

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Position

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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