

# 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**

Emam reza hospital

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### Person responsible for scientific inquiries

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### Person responsible for updating data

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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*