Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Evaluation the efficacy of Dietary Pasturized egg white with and without Niacinamide for phosphorus control in End Stage Renal Disease patients on Haemodialysis

Protocol summary

Summary

Main goal: Evaluation the efficacy of Dietary egg white with and without Niacinamide for phosphorus control in End Stage Renal Disease patients on Haemodialysis, Inclusion criteria: Inclusion criteria:Hemofialysis patient; Tendency for participating in reserch Exclusion criteria: Change in life Style; dietary regimen change, physical activity and tension; No tendency for keeping on; In this study patient unfer supervision of Nephrologist in the dailysis ward of Hajar Hospital will be select and based on inclusion and exclusion criteria will be seperated in 4 groups in each group 23 patient: 1- Will recieve just white egg, 2-Will recieve Just Niacin, 3-Will recieve white egg and Niacin simulatanously and 4- Control group without any thing Duration of Study is 6 weeks and at the beginning and the end of the study 5 cc blood will obtained by whole satisfication of patients and refrigrated in -30c for checking the FGF-23,Other routin factors including Calcium, Phosphrous, Albumin and PTH will record in specefic checklist untill statiscal analysis.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016102226390N5**
Registration date: **2016-10-27, 1395/08/06**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2016-10-27, 1395/08/06

Registrant information

Name

Ehsan Ghaedi

Name of organization / entity

Ahwaz Jundishapoor ,University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 3374 3285

Email address

ghaedi.e@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahrekord University of Medical Sciences

Expected recruitment start date

2016-12-21, 1395/10/01

Expected recruitment end date

2016-12-21, 1395/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation the efficacy of Dietary Pasturized egg white with and without Niacinamide for phosphorus control in End Stage Renal Disease patients on Haemodialysis

Public title

Effect of white egg and Niacin on hemodialysis patients

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria:Hemofialysis patient; Tendency for participating in reserch Exclusion criteria: Change in life Style; dietary regimen change, physical activity and tension; No tendency for keeping on

Age

From **30 years** old to **70 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **23**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Factorial

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Shahrekord University of Medical Sciences

Street address

Rahmatieh, Shahrekord University of Medical Sciences

City

Shahrekord

Postal code

8816754633

Approval date

2016-10-02, 1395/07/11

Ethics committee reference number

IR.SKUMS.REC.1395.132

Health conditions studied

1

Description of health condition studied

Patient under hemodialysis

ICD-10 code

N18.5

ICD-10 code description

Chronic kidney disease, stage 5

Primary outcomes

1

Description

Calcium

Timepoint

befor and after

Method of measurement

Lab Kit

2

Description

Phosphrous

Timepoint

befor and after

Method of measurement

Lab Kit

3

Description

Albumin

Timepoint

befor and after

Method of measurement

Lab Kit

4

Description

Parathormon

Timepoint

befor and after

Method of measurement

Lab Kit

5

Description

Fibroblast Growth Factor 23

Timepoint

befor and after

Method of measurement

Lab Kit

Secondary outcomes

1

Description

wieght

Timepoint

befor and after

Method of measurement

sensitive Balance

Intervention groups

1

Description

Intervention: patient will recive Pasteurized whit egg for 6 weeks as 24gram protein

Category

Treatment - Drugs

2

Description
Intervention: Patients will recieve Niacin 600 mg for 6 weeks
Category
Treatment - Drugs

3

Description
Intervention: patient will recieve Pasteurized white egg and (24 gram protein) and Niacin 600 mg for 6 weeks
Category
Treatment - Drugs

4

Description
Control: continue conventional treatmen along with intervention group
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Hajar Hospital
Full name of responsible person
Parisa Javadian
Street address
Nurse st. Hajar Hospital
City
Shahrekord

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Shahrekord University of Medical Sciences
Full name of responsible person
Seyed Kamal Solati
Street address
Rahmatieh, Shahrekord University of Medical Sciences
City
ShahreKord
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Shahrekord 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
Shahrekord University of Medical Sciences
Full name of responsible person
Parisa Javadian
Position
Nephrologist
Other areas of specialty/work
Street address
Nurse st. Hajar Hospital
City
Shahrekord
Postal code
Phone
+98 38 3222 0016
Fax
Email
javadianp@gmail.com
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Hajar Hospital Research Center
Full name of responsible person
Ehsan Ghaedi
Position
Nutritionist
Other areas of specialty/work
Street address
Hajar Hospital, Research Center
City
Shahrekord
Postal code
Phone
+98 38 3225 2416
Fax
Email
en7cyrus@gmail.com
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Hajar Hospital Research Center
Full name of responsible person
Ehsan Ghaedi
Position
Nutritionist

Other areas of specialty/work
Street address
Hajar Hospital Research Center
City
Shahrekord
Postal code
Phone
+98 38 3225 2416
Fax
Email
en7cyrus@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