

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Comparison of the Effect of Kefir Drinks with Milk on Decreased Liver Activity in Cardiac Scan

Protocol summary

Study aim

Effect of kefir drink on hepatic activity discharge

Design

The clinical trial , has a control group. with a parallel and randomized group

Settings and conduct

The design is done in the Nuclear Medicine Department of Imam Ali Hospital in Kermanshah hospital's nuclear medicine , where the population is divided into two groups, fed to one group according to the usual routine of milking and kefir to the other group. We are not aware of the intervention.

Participants/Inclusion and exclusion criteria

Inclusion criteria: All patients with a technetium-based heart scan are eligible to participate. Exclusion criteria: People with a history of fatty liver or gall bladder.

Intervention groups

The study group is divided into two groups: one group consumes 250 ml of kefir 20 minutes after the injection of the radioactive drug and the second group receives 250 ml of milk as usual.

Main outcome variables

Activity under diaphragm Hepatic activity

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20200104046005N1**

Registration date: **2020-01-29, 1398/11/09**

Registration timing: **registered_while_recruiting**

Last update: **2020-01-29, 1398/11/09**

Update count: **0**

Registration date

2020-01-29, 1398/11/09

Registrant information

Name

Simin Pirzadeh

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 84 3522 8845

Email address

30minpirzadeh@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-01-20, 1398/10/30

Expected recruitment end date

2020-07-20, 1399/04/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the Effect of Kefir Drinks with Milk on Decreased Liver Activity in Cardiac Scan

Public title

Effect of kefir on reducing liver activity

Purpose

Basic science

Inclusion/Exclusion criteria

Inclusion criteria:

All patients for whom a heart nuclear scan with Tc Sestamibi scan requested

Exclusion criteria:

Patients with fatty liver Patients who have had bile surgery

Age

No age limit

Gender

Both

Phase

3

Groups that have been masked

- Investigator
- Outcome assessor

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

N/A

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

Single blinded

Blinding description

In this study, the specialist physician who reports the results of the scan and the investigator were not included in the intervention to prevent bias.

Placebo

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Ethics committee of Kermanshah University of Medical Sciences

Street address

Refah Street

City

Kermanshah

Province

Kermanshah

Postal code

6961814547

Approval date

2019-08-06, 1398/05/15

Ethics committee reference number

IR.KUMS.REC.1398.692

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

Myocardial perfusion

ICD-10 code

R94.39

ICD-10 code description

Abnormal result of other cardiovascular function study

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

Effect of Kefir Drink on Liver Activity Reduction

Timepoint

Thirty minutes after drinking kefir

Method of measurement

Response performed by a specialist physician from the scan result.

Secondary outcomes

empty

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

Intervention group: In this study, Kefir drinks with Pegah brand are used. To ensure that the compound is used and the elements that influence the scanning process before using the compound, perform cognitive tests, synthetic analysis, and gas testing at the food industry laboratory or carbonate plant laboratories such as Zamzam on the drink. Kefir is very important. The heart scan process will be performed in accordance with standard protocols. Patients were randomly selected from patients referred to Imam Ali Hospital. 100 patients were given 250 ml of kefir drink 30 minutes before scanning. Finally, all data obtained from human heart myocardial perfusion scans will be processed at the center and will be sorted by professors and quantified as statistical data.

Category

N/A

2**Description**

Control group: 100 people with no additional intervention and routine scanning routine.

Category

N/A

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

Imam Ali Hospital

Full name of responsible person

Simin Pirzadeh

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Kermanshah University of Medical Sciences
Full name of responsible person
Najafi Farid
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Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Kermanshah University of Medical Sciences
Proportion provided by this source
100
Public or private sector
Public
Domestic or foreign origin
Domestic
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact

Name of organization / entity
Kermanshah University of Medical Sciences
Full name of responsible person
Simin Pirzadeh
Position
Student
Latest degree
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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)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

All patient data and research results are shared after individuals are unidentified.

When the data will become available and for how long

After publish the results

To whom data/document is available

Access is allowed for everyone

Under which criteria data/document could be used

Any type of data analysis is allowed

From where data/document is obtainable

Email 30minpirzadeh@gmail.com

What processes are involved for a request to access data/document

Files are provided on request within one month

Comments