Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Investigating the therapeutic effect of wet cupping among patients with Non Alcoholic Fatty Liver Disease

Protocol summary

Summary

The objective of this study is to investigate the therapeutic effect of wet cupping in reduction of liver enzymes and sonography pattern among patients with Non Alcoholic Fatty Liver Disease (NAFLD). Inclusion criteria: all patients with laboratorial and sonographical criteria of fatty liver. Exclusion criteria: patients with viral hepatitis, hemochromatosis, Wilson or autoimmune hepatitis. Sample size: 60 patients in each group. Patients in case group are treated by wet cupping and those who are in control group are treated by conventional methods for NAFLD. Finally patients will be assessed according to reduction in their liver enzymes and improvement in sonography patterns.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138905154520N1**
Registration date: **2010-09-04, 1389/06/13**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2010-09-04, 1389/06/13

Registrant information

Name

Saeed Hamzehi

Name of organization / entity

Kermanshah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 83 1723 2429

Email address

shamzehi@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

Kermanshah University of Medical Sciences

Expected recruitment start date

2010-07-06, 1389/04/15

Expected recruitment end date

2010-11-06, 1389/08/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the therapeutic effect of wet cupping among patients with Non Alcoholic Fatty Liver Disease

Public title

Investigating the therapeutic effect of wet cupping among patients with Non Alcoholic Fatty Liver Disease

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: all patients with laboratorial and sonographical criteria of fatty liver. Exclusion criteria: patients with viral hepatitis, hemochromatosis, Wilson or autoimmune hepatitis.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **120**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

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
Shahid-Beheshti Blvd

City
Kermanshah

Postal code

Approval date
2010-07-19, 1389/04/28

Ethics committee reference number
7/420/13943/پ

Health conditions studied

1

Description of health condition studied
Non Alcoholic Fatty Liver Disease

ICD-10 code
k76.0

ICD-10 code description
Fatty (change of) liver, not elsewhere classified

Primary outcomes

1

Description
enzymes variation

Timepoint
Before intervention and 14 months after intervention

Method of measurement
Laboratorial criteria

2

Description
liver sonography

Timepoint
Before intervention and 14 months after intervention

Method of measurement
liver sonography

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Wet Cupping

Category
Treatment - Other

2

Description
Control group: diet interpretation and physical exercise

Category
Lifestyle

Recruitment centers

1

Recruitment center

Name of recruitment center
Imam Reza Hospital

Full name of responsible person
Dr. Bashiri

Street address
Kermanshah University of Medical Sciences

City
Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Kermanshah University of Medical Sciences

Full name of responsible person
Dr. Nourizad

Street address
Kermanshah University of Medical Sciences

City
Kermanshah

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
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
Kermanshah University of Medical Sciences
Full name of responsible person
Dr. Bashiri
Position
Spesialist in Gastroenterology
Other areas of specialty/work
Street address
Kermanshah University of Medical Sciences
City
Kermanshah
Postal code
Phone
+98 83 1721 0779
Fax
Email
hbashiri@kums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Kermanshah University of Medical Sciences
Full name of responsible person
Saeed Hamzehi
Position
Resident of internal medicine
Other areas of specialty/work
Street address
Kermanshah University of Medical Sciences - Imam Reza Hospital – Internal medicine group
City
Kermanshah
Postal code
Phone
+98 83 1723 2429
Fax
Email
shamzehi@kums.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Kermanshah University of Medical Sciences
Full name of responsible person
Saeed Hamzehi
Position
Resident of internal medicine
Other areas of specialty/work
Street address
Kermanshah University of Medical Sciences- Imam Reza Hospital – Internal medicine group
City
Kermanshah
Postal code
Phone
+98 83 1723 2429
Fax
Email
shamzehi@kums.ac.ir
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