

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

04 Jun 2026

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

#### Protocol summary

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#### 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.

#### 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

#### 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

#### 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*

**Postal code****Phone**

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**Fax****Email**

shamzehl@kums.ac.ir

**Web page address****Person responsible for general inquiries****Contact****Name of organization / entity**

Kermanshah University of Medical Sciences

**Full name of responsible person**

Dr. Bashiri

**Position**

Specialist in Gastroenterology

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

Kermanshah University of Medical Sciences

**City**

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**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

Kermanshah University of Medical Sciences

**Full name of responsible person**

Saeed Hamzehl

**Position**

Resident of internal medicine

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

Kermanshah University of Medical Sciences- Imam Reza Hospital - Internal medicine group

**City**

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Kermanshah University of Medical Sciences

**Full name of responsible person**

Saeed Hamzehl

**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

**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*