Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

investigating the effects of Camel Milk Products on the laboratory markers in the patients with chronic hepatitis, genotype 2 & 3

Protocol summary

Summary

Study: investigating the effects of Camel Milk Products on the laboratory markers in the patients with chronic hepatitis, genotype 2 & 3 Design of study: RCT Study population: patients referred to a specialized clinic University Main inclusion criteria: age 18 to 70 years; the detection of serum HCV RNA by PCR Main exclusion criteria: decompensated cirrhosis; autoimmune diseases; cancer; lack of milk consumption with the dose; the patient withdrew from further participation in the plan;other genotypes Sample size: 40 patients Intervention group: Pegah interferon (Pgasys) at a dose of 180 mcg subcutaneously once weekly, and ribavirin dose of 800 to 1200 mg based on body weight orally daily and camel milk 250 cc daily in the morning and night for three months. Control group: Pegah interferon (Pgasys) at a dose of 180 mcg subcutaneously once weekly, and ribavirin dose of 800 to 1200 mg based on body weight orally for three months. C - Intervention Time: 3 months D - Primary outcome or consequences of the study: laboratory changes ALT, AST, and PCR

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013112515533N1**
Registration date: **2014-08-20, 1393/05/29**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2014-08-20, 1393/05/29

Registrant information

Name

Mohammadreza Noras

Name of organization / entity

Faculty of Traditional Medicine

Country

Iran (Islamic Republic of)

Phone

+98 51 3855 2189

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norasmr901@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences Razi vaccine and Serum Research Institue of Mashhad

Expected recruitment start date

2014-07-23, 1393/05/01

Expected recruitment end date

2015-01-20, 1393/10/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

investigating the effects of Camel Milk Products on the laboratory markers in the patients with chronic hepatitis, genotype 2 & 3

Public title

Effect of camel milk on chronic hepatitis C

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion criteria: age 18 to 70 years؛ the detection of serum HCV RNA by PCR. exclusion criteria:Decompensated cirrhosis; autoimmune diseases; cancer; infected with HIVorHBV;neutropenia;thrombocytopenia; creatinine higher;organ transplant;severe heart disease; chronic

lung disease; uncontrolled psychiatric illness; epilepsy; diabetic retinopathy; active alcohol or addiction; pregnancy;anemia;non-compliance with the prescribed dosage milk; discourage patients from continuing to participate in the plan; other genotypesto participate in the plan; other genotypes

Age
From **18 years** old to **70 years** old

Gender
Both

Phase
2

Groups that have been masked
No information

Sample size
Target sample size: **40**

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, Mashhad University of Medical Sciences

Street address
Ghoreishi Building, Danehgah Street,Vice chancellor for research, University of Medical Sciences, Mashhad

City
Mashhad

Postal code

Approval date
2014-07-16, 1393/04/25

Ethics committee reference number
research/922662/1/1063

Health conditions studied

1

Description of health condition studied
Chronic hepatitis C

ICD-10 code
B18.2

ICD-10 code description
Chronic viral hepatitis C

Primary outcomes

1

Description
Quantification of HCV RNA

Timepoint
One Month

Method of measurement
PCR

2

Description
level of ALT,AST

Timepoint
One Month

Method of measurement
unit /ml

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Pegah interferon (Pgasys) at a dose of 180 mcg subcutaneously once weekly, and ribavirin dose of 800 to 1200 mg based on body weight orally daily and camel milk 250 cc daily in the morning and night for three months.

Category
Treatment - Drugs

2

Description
Control group: Pegah interferon (Pgasys) at a dose of 180 mcg subcutaneously once weekly, and ribavirin dose of 800 to 1200 mg based on body weight orally for three months.

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Ghaem Gastrointestinal Clinic

Full name of responsible person
Seyyd Musa Al-Reza Hosseini

Street address
Ahmadabad Street ,Ghaem Hospital,Ghaem Gastrointestinal Clinic,Mashhad

City
Mashhad

2

Recruitment center
Name of recruitment center
Faculty of Traditional Medicine Clinic
Full name of responsible person
Mohammadreza Noras
Street address
Faculty of Traditional Medicine
City
Mashhad

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Mashhad University of Medical Sciences ,Vice chancellor for research
Full name of responsible person
Said Islame
Street address
Ghoreish Building, Daneshgah Street, University of Medical Sciences, Vice chancellor for research, Mashhad
City
Mashhad
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Mashhad University of Medical Sciences ,Vice chancellor for research
Proportion provided by this source
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

2

Sponsor
Name of organization / entity
Razi vaccine and Serum research Institue of Mashhd
Full name of responsible person
Said Zibae
Street address
Razi vaccine and Serum research Institue of Mashhd
City
Mashhad
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Razi vaccine and Serum research Institue of Mashhd
Proportion provided by this source
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
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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