Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

To assess the effect of Helicobacter pylori infection eradication on thrombocytopenia in patients with cirrhosis

Protocol summary

Summary

The aim of this study was to determine the effect of eradication of Helicobacter pylori infection on thrombocytopenia in patients with cirrhosis. This study was a clinical trial with one group before and after intervention. 23 cirrhotic patients who had immunoglobin anti- Helicobacter pylori antibodies and platelet count less than 85000/µl were included. This study was performed in Imam Reza Hospital of Mashhad University of Medical Sciences from 2011 to 2013 with easy sampling. Eradication of Helicobacter pylori infection was done with amoxycillin 1000 mg, omperazole 20 mg, and clarithromycine 500 mg twice daily for 2 weeks. Eradication of Helicobacter pylori infection was confirmed 4 weeks after treatment by urea breath test.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013020112333N1**
Registration date: **2013-10-14, 1392/07/22**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2013-10-14, 1392/07/22

Registrant information

Name

Ali Mokhtarifar

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 1843 5335

Email address

mokhtarifara@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Mashhad University of Medical Sciences

Expected recruitment start date

2010-06-12, 1389/03/22

Expected recruitment end date

2013-01-07, 1391/10/18

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

To assess the effect of Helicobacter pylori infection eradication on thrombocytopenia in patients with cirrhosis

Public title

The effect of helicobacter pylori infection eradication on thrombocytopenia in patients with Liver failure.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Patients with thrombocytopenia due to cirrhosis of the liver; platelet count was less than 85,000 per micro liter; The immunoglubin anti- Helicobacter pylori antibodies were positive. Exclusion criteria at the beginning: History of previous treatment for Helicobacter pylori infection eradication; treatment with proton pump inhibitors or antibiotics in the past four weeks; History of allergy drugs for eradicate of Helicobacter pylori infection. Exclusion criteria during the study: allergy to drugs; Helicobacter pylori infection are not eradicated after treatment.

Age
From **17 years** old to **72 years** old
Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **23**
Randomization (investigator's opinion)
N/A
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of Mashhad University of Medical Sciences
Street address
Building Qureshi , University Street
City
Mashhad
Postal code
Approval date
2010-05-12, 1389/02/22
Ethics committee reference number
88653

Health conditions studied

1

Description of health condition studied
Thrombocytopenia in cirrhotic patients
ICD-10 code
D69.5
ICD-10 code description
Secondary thrombocytopenia

Primary outcomes

1

Description
Thrombocytopenia
Timepoint
Before and 4 weeks after the end of treatment.
Method of measurement
Venous blood samples

Secondary outcomes

empty

Intervention groups

1

Description
Amoxycillin 1000 mg, omperazole 20 mg, and clarithromycine 500 mg twice daily for 2 weeks
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Emam Reza Hospital
Full name of responsible person
Ali Mokhtarifar (MD)
Street address
Ibn Sina Street East
City
Mashhad

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research, Mashhad University of Medical Sciences
Full name of responsible person
Mohsen Tafaghodi(MD)
Street address
Building Qureshi , University Street
City
Mashhad
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice chancellor for research, Mashhad 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

Mashhad University of Medical Sciences

Full name of responsible person

Hooman Mosannan Mozaffari

Position

Gastroenterology Fellowship/ Assistant professor

Other areas of specialty/work

Street address

Ibn Sina Street East, Imam Reza Hospital, Department of Internal medicine

City

Mashhad

Postal code

9137913316

Phone

+98 51 1859 8818

Fax

Email

MozaffariH@mums.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Ali Mokhtarifar

Position

Gastroenterologist/ Assistant professor

Other areas of specialty/work

Street address

Ibn Sina Street East, Imam Reza Hospital, Department of Internal medicine

City

Mashhad

Postal code

9137913316

Phone

+98 51 1859 8818

Fax

+98 85 98818

Email

Mokhtarifara@mums.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Ali Mokhtarifar

Position

Gastroenterologist

Other areas of specialty/work

Street address

City

Postal code

Phone

00

Fax

Email

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