

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

26 Jul 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 immunoglobulin anti- *Helicobacter pylori* antibodies and platelet count less than 85000/ $\mu$ l 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 amoxicillin 1000 mg, omeprazole 20 mg, and clarithromycin 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 immunoglobulin 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, omeprazole 20 mg, and clarithromycin 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**  
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## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**  
Mashhad University of Medical Sciences  
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Ali Mokhtarifar  
**Position**  
Gastroenterologist/ Assistant professor  
**Other areas of specialty/work**  
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## Person responsible for updating data

### Contact

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Mashhad University of Medical Sciences  
**Full name of responsible person**  
Ali Mokhtarifar  
**Position**  
Gastroenterologist  
**Other areas of specialty/work**  
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**City**  
**Postal code**  
**Phone**  
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**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*