

Clinical Trial Protocol

Iranian Registry of Clinical Trials

26 May 2026

Compare the results of eradication of Helicobacter pylori in two different doses of furazolidone quadruple therapy in the treatment of patients with peptic ulcer

Protocol summary

Summary

Objective: To evaluate the treatment of Helicobacter pylori eradication in peptic ulcer disease. Two different treatment regimens with high dose furazolidone will be used to determine the effectiveness of any of these regimens and treatment regimen should be recommended. Methods: In this clinical trial, 170 patients with peptic ulcer admitted to the hospital martyr Sayyad Shirazi, an upper gastrointestinal endoscopy study with H. pylori infection were selected. None of the subjects in the study population history of smoking, alcohol and had previous treatment of Helicobacter pylori. In this study, 85 samples divided into two groups and treated with different doses of furazolidone were two drug regimens 4. Six weeks after completion of treatment of all samples analyzed in order to prove Helicobacter Pylori Eradication carbon-labeled urea breath test was performed. The patients in terms of response to treatment will be evaluated and the eradication of Helicobacter pylori.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016011826084N1**

Registration date: **2016-08-10, 1395/05/20**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-08-10, 1395/05/20

Registrant information

Name

Majid Rajabi

Name of organization / entity

Golestan University of Medical Sciences

Country

Iran (Islamic Republic of)

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Email address

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Recruitment status

Recruitment complete

Funding source

Golestan Research Center of Gastroenterology and Hepatology

Expected recruitment start date

2015-03-21, 1394/01/01

Expected recruitment end date

2016-03-19, 1394/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Compare the results of eradication of Helicobacter pylori in two different doses of furazolidone quadruple therapy in the treatment of patients with peptic ulcer

Public title

The effect of two different regimens furazolidone on Helicobacter pylori

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: peptic ulcer with endoscopic diagnosis, proof of Helicobacter pylori infection by testing RUT; consenting to the partnership Exclusion criteria: pregnancy, the risk of cancer, liver failure and kidney

disease, diabetes mellitus, history of taking NSAIDs; PPI; bismuth; anti- antibiotics during the past 4 weeks, history of smoking and alcohol; history of drug allergy.

Age

No age limit

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **170**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethic Committee Golestan University of Medical Sciences

Street address

Sayyad Shirazi Hospital, Sayyad Shirazi Blvd, Gorgan, Golestan, Iran

City

Gorgan

Postal code

Approval date

2010-08-20, 1389/05/29

Ethics committee reference number

IR.GOUMS.REC.1394.135

Health conditions studied

1

Description of health condition studied

Peptic Ulcer

ICD-10 code

K27

ICD-10 code description

Gastroduodenal Ulcer NOS

Primary outcomes

1

Description

H.Pylori eradication

Timepoint

After Intervention

Method of measurement

ELISA Method

Secondary outcomes

1

Description

Peptic Ulcer cure

Timepoint

after intervention

Method of measurement

by Endoscopy

Intervention groups

1

Description

Group I: Quadruple Therapy (OfAB) with low-dose (amoxicillin mg-BD 1000, furazolidone mg-BD 100, omeprazole mg-BD20 Vbysmvt subcitrate mg-BD 240 for 2 weeks)

Category

Treatment - Drugs

2

Description

Group II: Quadruple therapy (OFAB) high dose (amoxicillin mg-BD 1000, furazolidone mg-BD 200, omeprazole mg-BD20 Vbysmvt subcitrate mg-BD 240 for 2 weeks)

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Sayyad Shirazi Hospital

Full name of responsible person

Dr Majid Rajabi

Street address

Sayyad Shirazi Hospital, Sayyad Shirazi Blvd, Gorgan, Golestan, Iran

City

Gorgan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Golestan University of Medical Sciences

Full name of responsible person

Dr Mohammad Hossein Taziki

Street address

Sayyad Shirazi Hospital, Sayyad Shirazi Blvd, Gorgan,
Golestan, Iran

City

Gorgan

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Golestan 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

Golestan University of Medical Sciences

Full name of responsible person

Dr Majid Rajabi

Position

Resident of Internal Medicine

Other areas of specialty/work

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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