Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Evaluation of Zingiber officinale L. efficacy on reducing nausea & vomiting due to doxycycline for brucellosis treatment

Protocol summary

Summary

Background and Aims: Human brucellosis remains the most common zoonotic disease(caused by facultative intracellular Gram-negative bacteria of the genus Brucella) worldwide. The first-line therapy for brucellosis is the combination of doxycycline, 100 mg bid. for 6 weeks with an aminoglycoside (preferably, streptomycin, 1 g/day intramuscularly for 2–3 weeks). The combination of rifampin (600–900 mg/day orally) and doxycycline for 6 weeks is suggested as the principal alternative therapy. Nausea and emesis are common side-effects of doxycycline. Ginger (zingiber officinale) is often advocated beneficial for nausea & vomiting treatment. As there was no report regarding the effects of ginger in treatment of nausea due to doxycycline the purpose of present study was to further evaluate the effectiveness of ginger in patients with this challenge. Methods: In this clinical trial study 108 patients entered the study and randomly assigned into 2 groups. Patients in group 1 received capsules containing 500 mg ginger bid. and in group 2 received placebos during the first 10 days of the treatment period. After 4 days wash-out period we changed order. The severity and relief of symptoms before and after each period were evaluated by a visual scoring system. T-test and Chi2 were used for statistical analyses of possible differences.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201206291836N5**
Registration date: **2012-07-16, 1391/04/26**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2012-07-16, 1391/04/26

Registrant information

Name
Seyed Mojtaba Sohrevardi
Name of organization / entity
Kerman University of Medical Sciences
Country
Iran (Islamic Republic of)
Phone
+98 34 1320 5001
Email address
smsohrevardi@kmu.ac.ir

Recruitment status

Recruitment complete

Funding source

kerman university of medical sciences

Expected recruitment start date

2012-07-31, 1391/05/10

Expected recruitment end date

2012-10-31, 1391/08/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of Zingiber officinale L. efficacy on reducing nausea & vomiting due to doxycycline for brucellosis treatment

Public title

Efficacy of Zingiber officinale L. on reducing nausea & vomiting due to doxycycline

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion:brucellosis patient how take doxycyclin

exclusion: sever GI adverse effect

Age
From **18 years** old to **60 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **108**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description

Placebo
Used

Assignment
Crossover

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethic commitee of kerman university of medical sciences

Street address
Research advisory of kmu, Blvd jomhouri eslami

City
Kerman

Postal code

Approval date
2012-06-17, 1391/03/28

Ethics committee reference number
91/64/k

Health conditions studied

1

Description of health condition studied
Brucellosis

ICD-10 code
A23

ICD-10 code description
Brucellosis

Primary outcomes

1

Description
Nausea

Timepoint
BID

Method of measurement
Standard visual scale

2

Description
Vomiting

Timepoint
daily

Method of measurement
Number of vomiting based on patients declare

Secondary outcomes

1

Description
Ginger adverse effects

Timepoint
During the study period

Method of measurement
Patents declare based on quastionnaire

Intervention groups

1

Description
Intervention group take ginger capsule to prevent nausea and vomiting due to doxycyclin

Category
Treatment - Drugs

2

Description
Control group: starch capsule

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
Besat Clinic

Full name of responsible person
dr farhad sarafzade

Street address
kerman- tahmasbabad crossroad- besat clinic

City
Kerman

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor of Research, Kerman University of Medical Sciencesl

Full name of responsible person
Dr. Reza Malekpour Afshar

Street address
Tahmasb Abad Street, KMU bulding

City
Kerman

Grant name
گرنت پژوهشی

Grant code / Reference number
10506

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

Title of funding source
Vice Chancellor of Research, Kerman University of Medical Sciencesl

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
Kerman University of Medical Sciences

Full name of responsible person
Seyed Mojtaba Sohrevardi

Position
Assisstan Professor, Clinical Pharmacy specialist

Other areas of specialty/work

Street address
Faculty of Pharmacy, Haft Bagh BLVD

City
Kerman

Postal code
7616913555

Phone
+98 34 1320 5001

Fax
+98 34 1320 5003

Email
smsohrevardi@yahoo.com smsohrevardi@kmu.ac.ir

Web page address
www.kmu.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity
Kerman University of Medical Sciences

Full name of responsible person
Seyed Mojtaba Sohrevardi

Position
Assistant Prof. of clinical pharmacy

Other areas of specialty/work

Street address
Faculty of pharmacy, Haft Bagh Blvd.

City
Kerman

Postal code
761691355

Phone
+98 34 1320 5001

Fax
+98 34 1320 5003

Email
smsohrevardi@kmu.ac.ir , smsohrevardi@yahoo.com

Web page address
kmu.ac.ir

Person responsible for updating data

Contact

Name of organization / entity
Kerman University of Medical Sciences

Full name of responsible person
Seyed Mojtaba Sohrevardi

Position
Assistant professor

Other areas of specialty/work

Street address
Faculty of Pharmacy, Haft Bagh Blvd.

City
Kerman

Postal code
7616913555

Phone
+98 34 1320 5001

Fax
+98 34 1320 5003

Email
smsohrevardi@yahoo.comsmsohrevardi@kmu.ac.ir

Web page address
www.kmu.ac.ir

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