

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

Evaluation of the efficacy of garlic tablet in the treatment of brucellosis compared with rifampin

Protocol summary

Summary

There are different methods of brucellosis treatment. One of them is doxycycline (6 weeks) rifampin (6 week) gentamicin (one week) that more than other treatment methods are used. With regard to the importance of the rifampin in the treatment of tuberculosis and high incidence of the brucellosis in the country and the central province and also prevalence of tuberculosis in iran it is better that use another drug instead of rifampin that have fewer side effects and better tolerance in brucellosis. In a double blind clinical trial study all patients with acute brucellosis that included to study are randomly divided in two groups. In group A treatment is Doxycyclin(6w)+Rifampin(6w)+gentamycin(1w) and in group B treatment is Doxycyclin(6w)+Garlet(6w)+Gentamicin(1w). The patient followed to improve clinical signs include fever, arthralgia, weakness and fatigue and a decrease in CRP ,Wright and 2ME titer to six months and compared in two groups. All patients information collected by questionnaire and finally the collected data analyzed by spss(version 19) software.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201305179855N4**
Registration date: **2013-06-02, 1392/03/12**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2013-06-02, 1392/03/12

Registrant information

Name

Aiasghar Farazi

Name of organization / entity

Arak University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 86 1278 6526

Email address

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Recruitment status

Recruitment complete

Funding source

Arak University of Medical Sciences

Expected recruitment start date

2013-05-22, 1392/03/01

Expected recruitment end date

2013-08-15, 1392/05/24

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the efficacy of garlic tablet in the treatment of brucellosis compared with rifampin

Public title

The effectiveness of garlic tablets in the treatment of brucellosis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients with clinical symptoms of acute brucellosis;serologic test of wright at least 1:160 and 2ME of 1:40 exclusion criteria: age less than 8 years; the history of the two past years history of treatment of acute brucellosis; past history of chronic brucellosis; pregnant women; having inherent or acquired

immunodeficiency; a history of sensitivity to garlic;
Focale forms of brucellosis such as
Spondylitis,endocarditis...

Age

From **8 years** old to **99 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **60**

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

Arak University of Medical Sciences

Street address

Sardasht, Arak University of Medical Sciences ,Arak

City

Arak

Postal code

Approval date

2012-10-08, 1391/07/17

Ethics committee reference number

91-134-4

Health conditions studied

1

Description of health condition studied

Brucellosis

ICD-10 code

A49.9

ICD-10 code description

Bacterial infection, unspecified

Primary outcomes

1

Description

clinical sign and symptoms

Timepoint

Days of 0,7,21,42

Method of measurement

physical exam and Questionair

Secondary outcomes

1

Description

Decrease of WBC , ESR , CRP

Timepoint

Days of 0,7,21,42

Method of measurement

Check of WBC,ESR,CRP

2

Description

Decrease of Serologic test

Timepoint

Days of 0,7,21,42

Method of measurement

Check of wright and 2ME

Intervention groups

1

Description

In group A treatment is
Doxycyclin(6w)+Rifampin(6w)+gentamycin(1w)

Category

Treatment - Drugs

2

Description

In group B treatment is
Doxycyclin(6w)+Garlet(6w)+Gentamicin(1w)

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Valiasr hospital in Arak

Full name of responsible person

Aliasghar Farazi

Street address

Department of infectious diseases, valiasr
hospital, Arak, Iran

City

Arak

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Saed Changizi Ashtyani

Street address

Sardasht, Arak University of Medical Sciences ,Arak

City

Arak

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Arak 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

Arak University of Medical Sciences

Full name of responsible person

Ghazaleh Akbarifard

Position

Secretary of research Council

Other areas of specialty/work

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Person responsible for scientific inquiries

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Position

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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