

# 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

dr.farazi@arakmu.ac.ir

##### 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

### Contact

**Name of organization / entity**

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**Full name of responsible person**

Aliasghar Farazi

**Position**

Infectious Diseases Specialist

**Other areas of specialty/work**

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## Person responsible for updating data

### Contact

**Name of organization / entity**

Arak University of Medical Sciences

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Aliasghar Farazi

**Position**

Infectious diseases specialist

**Other areas of specialty/work**

**Street address**

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**Phone**

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**Fax**

**Email**

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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*