

Clinical Trial Protocol

Iranian Registry of Clinical Trials

26 May 2026

Comparison of ciprofloxacin - Doxycycline and rifampin - Doxycycline regimens in preventing brucellosis relapse

Protocol summary

Summary

Background & objective : In this study we compare the regimen of the rifampin - Doxycycline with the regimen of ciprofloxacin - Doxycycline in relapse of brucellosis. Inclusion criteria :patients with brucellosis who were elder than 17 years old Exclusion criteria : pregnancy;age less than 17 years;endocarditis - meningitis ; spondylitis esophagitis ; consumption of ocp and phenytoin; history of brucellosis (relapse) antimicrobial therapy for more than 7 day before attending; bad general condition. This study is a Triple blind RCT in which 90 patients with brucellosis attended between 1384- 1387 in the Two clinics of infectious disease in Arak university of medical sciences were evaluated on the basis of Inclusion criteria's. The patients were randomly divided in two groups : Patients in DR groups, receiving Doxycycline 100 mg twice a day and rifampin 300 mg Bid daily for eight weeks, and the CD group , receiving Doxycycline 100 mg twice a day and ciprofloxacin 500 mg twice a day for eight weeks. The patients were checked for the relief of symptoms , drug side effects and laboratory findings during the treatment .patients evaluated for relapse , failure of treatment, drug side effects.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012080310482N1**
Registration date: **2012-11-28, 1391/09/08**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-11-28, 1391/09/08

Registrant information

Name

Fashideh Didgar

Name of organization / entity

Arak University of medical science

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Arak University of Medical Sciences

Expected recruitment start date

2006-02-09, 1384/11/20

Expected recruitment end date

2009-02-08, 1387/11/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of ciprofloxacin - Doxycycline and rifampin - Doxycycline regimens in preventing brucellosis relapse

Public title

Comparison of ciprofloxacin - Doxycycline and rifampin - Doxycycline regimens in preventing brucellosis relapse

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria : patients with brucellosis in basis of clinical, epidemiological and serologic criteria, attended in the clinics of infectious disease in Arak university of medical sciences and age more than 17 years old.

Excursion criteria : pregnancy; age less than 17 years; endocarditis - meningitis ; spondy lities, esophagitis ; consumption of oral contraceptives or phenynton; history of brucellosis (relapse), antimicrobial therapy for more than 7 days befor attending; intolerance for oral medication and no desire for patipicating.

Age

From **17 years** old to **76 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **90**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Triple blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Aak University of Medical Sciences

Street address

Arak University of Medical Sciences

City

Arak

Postal code

Approval date

2010-08-20, 1389/05/29

Ethics committee reference number

88-83-7/1

Health conditions studied

1

Description of health condition studied

Brucellosis

ICD-10 code

A23.0, A23

ICD-10 code description

Brucellosis

Primary outcomes

1

Description

relapse

Timepoint

6 , 9 , 12 months from the begining of the study

Method of measurement

physical exam

Secondary outcomes

1

Description

Drug side effects

Timepoint

During the treatment

Method of measurement

physical exam

Intervention groups

1

Description

ciprofloxacin 500mg twice aday and doycycline 100mg twice a day for two months

Category

Treatment - Drugs

2

Description

Rifampicin 300mg BID & Doxycyclin 100mg BID for two mounths

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Arak university of medical sceinses

Full name of responsible person

Dr.farshideh didgar Assistant professor Infectious disease specialist

Street address

Valiasr hospital Arak

City

Arak

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Arak University of Medical Sciences
Full name of responsible person
Dr. Davood Hekmatpoor
Street address
Basij square, 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
School of Medicine, Arak University of Medical Sciences
Full name of responsible person
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Person responsible for updating data

Contact

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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