

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jun 2026

The effect of administration of corticosteroid in the treatment of brucellosis

Protocol summary

Summary

The objective of this randomized, double blind trial is to investigate the effect of corticosteroid in in-patients brucellosis cases of infectious ward of Zanjan Shahid Beheshti Hospital. In this study, 48 patients who meet the inclusion/exclusion criteria will be recruited and randomly assigned into intervention or control group. The patients in the intervention group will receive the standard regimen plus dexamethasone (4 mg three times daily for 5 days) and the control group will only receive the standard regimen. Clinical status of patient, hospital stay, duration of illness, pain score, and use of analgesic will be measured and compared between groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201106296922N1**

Registration date: **2011-08-02, 1390/05/11**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-08-02, 1390/05/11

Registrant information

Name

Afsaneh Karami

Name of organization / entity

Zanjan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 24 1727 0801

Email address

rastin@zums.ac.ir

Recruitment status

Recruitment complete

Funding source

Zanjan University of Medical Sciences

Expected recruitment start date

2009-02-01, 1387/11/13

Expected recruitment end date

2009-08-01, 1388/05/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of administration of corticosteroid in the treatment of brucellosis

Public title

Corticosteroid in brucellosis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Documented brucellosis patients with the age 12 years and more Exclusion criteria: history of addiction, corticosteroid use, Immunodeficiency

Age

From **12 years** old to **83 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **47**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Zanjan University of Medical Sciences Ethical Committee

Street address

Azadi St., Zanjan city

City

Zanjan

Postal code

Approval date

2008-03-20, 1387/01/01

Ethics committee reference number

1390415

Health conditions studied

1

Description of health condition studied

Brucellosis

ICD-10 code

A23.9

ICD-10 code description

Brucellosis, unspecified

Primary outcomes

1

Description

Duration of admission

Timepoint

total days of admission. every day

Method of measurement

Hospital patient records

2

Description

Pain

Timepoint

daily

Method of measurement

patient's complaint and physical examinations

3

Description

Clinical status

Timepoint

daily

Method of measurement

physical examination

4

Description

Analgesic usage

Timepoint

daily

Method of measurement

Based on the medical orders and nursing records

Secondary outcomes

1

Description

patient's stability

Timepoint

daily

Method of measurement

physical examination

Intervention groups

1

Description

Control group: Doxycycline capsule, 100 mg BD for 2 months + Rifampin capsule 300 mg daily for 2 months

Category

Treatment - Drugs

2

Description

Intervention group: Doxycycline 100 mg BD for 2 months + Rifampin 600 mg for 2 months as well as Dexamethasone 4 mg, IV, TDS for 5 days

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Beheshti Hospital -Zanjan - Iran

Full name of responsible person

Street address

City

Zanjan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Zanjan University of Medical Sciences

Full name of responsible person

Vice-chancellor for Research affairs

Street address

Vice-chancellor for Research affairs, Zanjan University of Medical Sciences, Azadi St. Zanjan

City

Zanjan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Zanjan 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

Zanjan University of Medical Sciences

Full name of responsible person

Afsaneh Karami

Position

Infectious and Tropical disease specialist

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