

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

27 Jun 2026

### The effect of administration of corticosteroid in the treatment of brucellosis

#### Protocol summary

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##### 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.

##### 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

#### 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

##### 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****Street address**

Infectious ward, Vali asr Hospital, Zanjan

**City**

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## Person responsible for scientific inquiries

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## Person responsible for updating data

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**Position**

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**Other areas of specialty/work****Street address**

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**City**

Zanjan

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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*