

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

06 Jul 2026

### Comparing the effect of dexamethasone therapy versus placebo in septic arthritis treatment

#### Protocol summary

2013-11-20, 1392/08/29

#### Summary

The aim of this study was to compare the additive therapy of dexamethasone to placebo (both with antibiotic) in the treatment of septic arthritis. Material and methods: a randomized double-blind placebo-controlled trial study, 54 patients with septic arthritis that aged above 6 months and septic arthritis diagnosed with clinical and laboratory data were recruited. For diagnosis all involved joints aspirated and joints fluid and blood sample send to laboratory. Inclusion criteria : age above 6 months and patient with septic arthritis from first time; exclusion criteria : history of immunosuppressive disease or leukemia; history of systemic disease; use of antibiotic therapy before culture; use of systemic corticosteroid before disease; history of systemic inflammatory disease such as rheumatoid arthritis. Then patient will be divided to two groups ; one group receives antibiotic therapy administrates along with intravenous dexamethasone 0.15 mg/kg every 6 hours for 4 day and other group receives antibiotic therapy administrates along with intravenous placebo and two groups. Comparing for clinical and laboratory parameter & length of hospital stay and late sequels clinical parameter consists of fever, warm, limitation of motion and function in any joint. Laboratory parameter consist of WBC/cc, ESR ,CRP .

#### Registrant information

##### Name

Ali Mosapour

##### Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 61 1223 5463

##### Email address

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#### Recruitment status

##### Recruitment complete

#### Funding source

Ahvaz Jundishapur University of Medical Sciences

#### Expected recruitment start date

2012-07-17, 1391/04/27

#### Expected recruitment end date

2013-05-17, 1392/02/27

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2013112011014N1**

Registration date: **2013-11-20, 1392/08/29**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

#### Scientific title

Comparing the effect of dexamethasone therapy versus placebo in septic arthritis treatment

#### Public title

the effect of dexamethasone therapy in septic arthritis treatment

#### Purpose

Treatment

#### Inclusion/Exclusion criteria

Inclusion criteria: age above 6 months; patient with septic arthritis from first time. Exclusion criteria: history

of immunosuppressive disease or leukemia; history of systemic disease; use of antibiotic therapy before culture; use of systemic corticosteroid before disease; history of systemic inflammatory disease such as rheumatoid arthritis.

**Age**

From **1 year** old to **15 years** old

**Gender**

Both

**Phase**

3

**Groups that have been masked**

*No information*

**Sample size**

Target sample size: **54**

**Randomization (investigator's opinion)**

Randomized

**Randomization description****Blinding (investigator's opinion)**

Double blinded

**Blinding description****Placebo**

Used

**Assignment**

Parallel

**Other design features****Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

Ahvaz Jundishapur University of Medical Sciences

**Street address**

Ahvaz

**City**

Ahvaz

**Postal code****Approval date**

2012-07-16, 1391/04/26

**Ethics committee reference number**

ETH568

**Health conditions studied****1****Description of health condition studied**

Septic arthritis

**ICD-10 code**

M00

**ICD-10 code description**

Pyogenic arthritis

**Primary outcomes****1****Description**

duration of treatment

**Timepoint**

daily

**Method of measurement**

number day stay in hospital

**Secondary outcomes****1****Description**

number of day that need CRP become normal

**Timepoint**

every three day

**Method of measurement**

from+ to+++++

**Intervention groups****1****Description**

15 cc/kg

**Category**

Treatment - Drugs

**2****Description**

Injected or not injected with dexamethasone

**Category**

Treatment - Drugs

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Imam khomani hospital

**Full name of responsible person****Street address****City**

Ahvaz

**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Ahvaz Jundishapur University of Medical Sciences

**Full name of responsible person**

Mostafa Feghihi

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Ahvaz Jundishapur University of Medical Sciences

**City**  
Ahvaz  
**Grant name**  
**Grant code / Reference number**  
**Is the source of funding the same sponsor organization/entity?**  
Yes  
**Title of funding source**  
Ahvaz Jundishapur 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

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## Person responsible for scientific inquiries

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## Person responsible for updating data

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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*