

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

16 Sep 2026

### Evaluation of addition of Dexamethason to Antibiothic treatment in case of Septic Arthritis

#### Protocol summary

##### Study aim

Evaluation of addition of Dexamethason to Antibiothic treatment in case of Septic Arthritis

##### Design

All patients will be prescribed Oxazepam 10 mg one hour before bedtime for comfortable sleep at night. In the first group, in addition to standard treatment (Vancomycin 1 g every 12 hours with Ceftazidime 1.5 g every 8 hours), the patient was given an 8-mg Dexamethasone ampoule every 8 hours for 4 days. In the second group, in addition to standard treatment, placebo will be prescribed (distilled water). Clinical and paraclinical signs of patients will be measured at the time of admission and at day 2, day 4 of discharge.

##### Settings and conduct

All people between the ages of 12 and 90 years who have had a history of recent Corticosteroid use, uncontrolled Diabetes and hypertension of other arthritis (rheumatoid arthritis) will go to Bou Ali Hospital in Qazvin. Of the 146 enrolled, 73 received Dexamethasone along with Antibiotics, and 73 received only Antibiotics.

##### Participants/Inclusion and exclusion criteria

This study will include all people aged 12 to 90 years. Patients with no history of hypertension, uncontrolled Diabetes and recent Corticosteroid use, Immunodeficiency, Rheumatoid Arthritis and other Autoimmune Diseases that cause joint involvement.

##### Intervention groups

In the intervention group Dexamethasone 8 mg IV every 8 Hours for 4 Days

##### Main outcome variables

Duration of hospitalization  
Duration of Symptoms  
Duration of reduction of paraclinical parameters

#### General information

##### Reason for update

##### Acronym

DSA

#### IRCT registration information

IRCT registration number: **IRCT20190903044679N1**

Registration date: **2019-12-19, 1398/09/28**

Registration timing: **registered\_while\_recruiting**

Last update: **2019-12-19, 1398/09/28**

Update count: **0**

##### Registration date

2019-12-19, 1398/09/28

#### Registrant information

##### Name

Amin Karampour

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 28 3333 2230

##### Email address

a.karampour@qums.ac.ir

#### Recruitment status

**Recruitment complete**

#### Funding source

#### Expected recruitment start date

2019-10-23, 1398/08/01

#### Expected recruitment end date

2020-10-22, 1399/08/01

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

Evaluation of addition of Dexamethason to Antibiothic treatment in case of Septic Arthritis

#### Public title

The effect of Dexamethasone in the treatment of Septic Arthritis

**Purpose**  
Treatment

**Inclusion/Exclusion criteria**  
**Inclusion criteria:**  
Age>12 and Age<90  
**Exclusion criteria:**  
HTN Poor control Diabet Melitius Recent history of Corticosteroid use Immunodeficiency RA Other Autoimmune Diseases that cause joint involvement

**Age**  
From **12 years** old to **90 years** old

**Gender**  
Both

**Phase**  
3

**Groups that have been masked**

- Participant
- Outcome assessor

**Sample size**  
Target sample size: **146**

**Randomization (investigator's opinion)**  
Randomized

**Randomization description**  
The randomization method was randomly removed from the container containing a total of 146 entries including 73 A and 73 B and, as a result, placed the patient in group A or B.

**Blinding (investigator's opinion)**  
Double blinded

**Blinding description**  
In this study, both the researcher and the patient are not aware of Dexamethasone Injections

**Placebo**  
Used

**Assignment**  
Parallel

**Other design features**

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Ethics committee of Qazvin University of Medical Sciences

##### Street address

Qazvin , Shahid Bamonar Boulevard,

##### City

Qazvin

##### Province

Qazvin

##### Postal code

59811-34197

#### Approval date

2019-08-11, 1398/05/20

#### Ethics committee reference number

IR.QUMS.REC.1398.103

## Health conditions studied

### 1

#### Description of health condition studied

Pyogenic arthritis

#### ICD-10 code

M00

#### ICD-10 code description

Pyogenic arthritis

## Primary outcomes

### 1

#### Description

Duration of treatment

#### Timepoint

Daily

#### Method of measurement

Depending on the length of hospital stay

### 2

#### Description

The time it takes for CRP to normalize

#### Timepoint

Every three days

#### Method of measurement

Quantity

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group: Intervention group: 8mg

Dexamethasone ampoule will be given every 4 hours for 4 days.

#### Category

Treatment - Drugs

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Buali hospital

##### Full name of responsible person

Amin Karampour

##### Street address

Buali st

**City**  
Ghazvin  
**Province**  
Qazvin  
**Postal code**  
3413786165  
**Phone**  
+98 28 3333 9049  
**Fax**  
+98 28 3332 6033  
**Email**  
boali.hospital@qums.ac.ir

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**  
Qazvin University of Medical Sciences  
**Full name of responsible person**  
Amin Karampour  
**Street address**  
Qazvin, Shahid Bahonar Boulevard - Qazvin University  
of Medical Sciences  
**City**  
Ghazvin  
**Province**  
Qazvin  
**Postal code**  
3419915315  
**Phone**  
+98 28 3333 6001  
**Email**  
info@qums.ac.ir  
**Grant name**  
**Grant code / Reference number**  
**Is the source of funding the same sponsor  
organization/entity?**  
Yes  
**Title of funding source**  
Qazvin University of Medical Sciences  
**Proportion provided by this source**  
100  
**Public or private sector**  
Public  
**Domestic or foreign origin**  
Domestic  
**Category of foreign source of funding**  
empty  
**Country of origin**  
**Type of organization providing the funding**  
Academic

## Person responsible for general inquiries

#### Contact

**Name of organization / entity**  
Qazvin University of Medical Sciences  
**Full name of responsible person**  
Amin Karampour  
**Position**

Resident  
**Latest degree**  
Medical doctor  
**Other areas of specialty/work**  
Infectious diseases  
**Street address**  
Bou Ali Ave, Bou Ali Sina Medical Center  
**City**  
Ghazvin  
**Province**  
Qazvin  
**Postal code**  
3413786165  
**Phone**  
+98 28 3333 9049  
**Email**  
a.karampour@qums.ac.ir

## Person responsible for scientific inquiries

#### Contact

**Name of organization / entity**  
Qazvin University of Medical Sciences  
**Full name of responsible person**  
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Resident  
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## Person responsible for updating data

#### Contact

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**Full name of responsible person**  
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**Position**  
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## Sharing plan

**Deidentified Individual Participant Data Set (IPD)**  
Undecided - It is not yet known if there will be a plan to make this available  
**Study Protocol**  
Undecided - It is not yet known if there will be a plan to

make this available  
**Statistical Analysis Plan**  
Undecided - It is not yet known if there will be a plan to make this available  
**Informed Consent Form**  
Undecided - It is not yet known if there will be a plan to make this available  
**Clinical Study Report**  
Undecided - It is not yet known if there will be a plan to make this available  
**Analytic Code**  
Undecided - It is not yet known if there will be a plan to make this available  
**Data Dictionary**  
Undecided - It is not yet known if there will be a plan to make this available