

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### The effectiveness and non effectiveness of Taurolock on central venous catheter infection in dialysis patients

#### Protocol summary

##### Summary

This study will be conducted with aim to survey the effectiveness of Taurolock on central venous catheter infection in dialysis patients. This study is a single blind clinical trial in 1-2 phase. The study population will be consisted of hemodialysis patients referred to Imam Khomeini and Imam Reza hospital in Kermanshah city that 60 persons will selected in available method and randomly will be assigned to two experimental and control groups. In the experimental group Taurolock in half the usual dose with heparin in catheters Locke Lines is given at the end of each dialysis session. Dialysis patients in the control group will not receive Taurolock. Baseline, Once every three months, and end of the study, the incidence of infection is checked. With signs of infection attributed bacteremia, two blood cultures taken from the Permi - Ket and in case of positive blood cultures, the effect of Taurolock on central venous catheter infection in dialysis patients is confirmed. Inclusion criteria: patients undergoing chronic hemodialysis through Permi - Ket; written consent of the patient. Exclusion criteria: IV Drug Abuse; Change the dialysis of Permi - Ket to the AVF; Having a history of surgery

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2016020221066N2**  
Registration date: **2016-04-18, 1395/01/30**  
Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2016-04-18, 1395/01/30

#### Registrant information

##### Name

Sima Golmohammadi

##### Name of organization / entity

Kermanshah University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 83 3839 7545

##### Email address

s.golmohammadi@kums.ac.ir

#### Recruitment status

##### Recruitment complete

#### Funding source

Vice Chancellor for Research Affairs, Kermanshah University of Medical Sciences

#### Expected recruitment start date

2016-04-13, 1395/01/25

#### Expected recruitment end date

2017-04-14, 1396/01/25

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

The effectiveness and non effectiveness of Taurolock on central venous catheter infection in dialysis patients

#### Public title

Survey the effect of Taurolock on central venous catheter infection in dialysis patients.

#### Purpose

Treatment

#### Inclusion/Exclusion criteria

Inclusion criteria: patients undergoing chronic hemodialysis through Permi - Ket; written consent of the patient. Exclusion criteria: IV Drug Abuse; Change the

dialysis of Permi - Ket to the AVF; Having a history of surgery

### Age

From **15 years** old to **80 years** old

### Gender

Both

### Phase

1-2

### Groups that have been masked

*No information*

### Sample size

Target sample size: **60**

### Randomization (investigator's opinion)

Randomized

### Randomization description

### Blinding (investigator's opinion)

Single blinded

### Blinding description

### Placebo

Not used

### Assignment

Parallel

### Other design features

Randomly by tossing coin

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Ethics committee of Kermanshah University of Medical Sciences

##### Street address

Building No.2, Shahid Beheshti, Vice Chancellor for Research Affairs, Kermanshah University of Medical Sciences

##### City

Kermanshah

##### Postal code

##### Approval date

2015-11-24, 1394/09/03

##### Ethics committee reference number

kums.rec.1394.200

## Health conditions studied

### 1

#### Description of health condition studied

End stage kidney disease

#### ICD-10 code

N18.5

#### ICD-10 code description

End stage kidney disease

## Primary outcomes

### 1

#### Description

Infection

#### Timepoint

Baseline, Once every three months, end of the study

#### Method of measurement

In the laboratory by blood cultures

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

In the experimental group Taurolock( made in germany) in half the usual dose with heparin in catheters Locke Lines is given at the end of each dialysis session.

#### Category

Treatment - Drugs

### 2

#### Description

In the control group dialysis patients will not receive Taurolock.

#### Category

Other

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Emam Reza Hospital

##### Full name of responsible person

Dr. Elaheh Sharifi

##### Street address

Emam Reza Hospital, Parastar Boulevard

##### City

Kermanshah

### 2

#### Recruitment center

##### Name of recruitment center

Emam Khomeyni Hospital

##### Full name of responsible person

Dr. Elaheh Sharifi

##### Street address

Emam Khomeyni Hospital, Naghliyah Street

##### City

Kermanshah

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

Vice chancellor for research, Kermanshah University of Medical Sciences

**Full name of responsible person**

Koroush Hamzehee

**Street address**

Vice Chancellor for Research Affairs, Esfahan University of Medical Sciences, Street of Hezarjarib

**City**

Kermanshah

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Vice chancellor for research, Kermanshah 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**

Kermanshah University of Medical Sciences

**Full name of responsible person**

Dr. Elaheh Sharifi

**Position**

Internal Assistant

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

Emam Reza Hospital, Parastar Boulevard

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**Fax****Email**

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## Person responsible for scientific inquiries

**Contact****Name of organization / entity**

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**Full name of responsible person**

Dr. Sima Golmohammadi

**Position**

Subspecialty of nephrology

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## Person responsible for updating data

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**Full name of responsible person**

Dr. Elaheh Sharifi

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Internal Assistant

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**Fax****Email**

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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*