

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jul 2026

### The effect of Cilostazol on the mean time of arteriovenous fistula maturation and its comparison to control group in patients with chronic renal failure referring to Emam Reza hospital of Mashhad University of Medical Sciences

#### Protocol summary

Mashhad University of Medical Sciences.

**Study aim**  
**Design**  
**Settings and conduct**  
**Participants/Inclusion and exclusion criteria**  
**Intervention groups**  
**Main outcome variables**

**Expected recruitment start date**  
2016-08-22, 1395/06/01  
**Expected recruitment end date**  
2017-05-22, 1396/03/01  
**Actual recruitment start date**  
empty  
**Actual recruitment end date**  
empty  
**Trial completion date**  
empty

#### General information

**Reason for update**  
**Acronym**

#### IRCT registration information

IRCT registration number: **IRCT20171023036953N1**  
Registration date: **2017-12-18, 1396/09/27**  
Registration timing: **retrospective**

Last update: **2017-12-18, 1396/09/27**  
Update count: **0**

**Registration date**  
2017-12-18, 1396/09/27

#### Registrant information

**Name**  
ALI SABERI  
**Name of organization / entity**  
ALAVI hospital of mashhad university  
**Country**  
Iran (Islamic Republic of)  
**Phone**  
+98 51 3804 7205  
**Email address**  
alisaberi.md@gmail.com

**Recruitment status**  
**Recruitment complete**  
**Funding source**

#### Scientific title

The effect of Cilostazol on the mean time of arteriovenous fistula maturation and its comparison to control group in patients with chronic renal failure referring to Emam Reza hospital of Mashhad University of Medical Sciences

#### Public title

The effect of Cilostazol on the mean time of arteriovenous fistula maturation and its comparison to control group in patients with chronic renal failure referring to Emam Reza hospital of Mashhad University of Medical Sciences.

#### Purpose

Prevention

#### Inclusion/Exclusion criteria

#### Age

No age limit

#### Gender

Both

#### Phase

N/A

#### Groups that have been masked

- Participant

## 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

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Mashhad University of Medical Sciences.

##### Street address

Azadi square, Mashhad University of Medical Sciences.

##### City

Mashhad

##### Postal code

#### Approval date

2016-08-22, 1395/06/01

#### Ethics committee reference number

IR.MUMS.fm.REC.1395.463

## Health conditions studied

### 1

#### Description of health condition studied

renal failure

#### ICD-10 code

N18.5

#### ICD-10 code description

Chronic kidney disease, stage 5

## Primary outcomes

### 1

#### Description

fistula maturation

#### Timepoint

3 weeks

#### Method of measurement

doppler sonography

## Secondary outcomes

### 1

#### Description

fistula flow rate -distance from skin\_vein diameter

#### Timepoint

3 weeks

#### Method of measurement

doppler sonography

## Intervention groups

### 1

#### Description

Cilostazol was prescribed from the day of surgery at a dose of 50mg / day for two weeks, then continued 100mg / day for ten weeks or until fistula maturation.

#### Category

Prevention

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Emam Reza hospital

##### Full name of responsible person

##### Street address

##### City

Mashhad

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Mashhad University of Medical Sciences.

##### Full name of responsible person

ALI SABERI

##### Street address

Azadi square , Mashhad University of Medical Sciences.

##### City

Mashhad

#### Grant name

#### Grant code / Reference number

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

Yes

#### Title of funding source

Mashhad 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*

+98 51 3851 3258

**Fax**

**Email**

alisaberi.md@gmail.com

**Web page address**

## Person responsible for general inquiries

### Contact

**Name of organization / entity**

ALAVI HOSPITAL

**Full name of responsible person**

Dr Ali Saberi

**Position**

Vascular surgery fellowship

**Other areas of specialty/work**

**Street address**

Imam Reza street , 61th Ave, Alavi Hospital

**City**

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## Person responsible for updating data

### Contact

**Name of organization / entity**

**Full name of responsible person**

Dr Ali Saberi

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**Other areas of specialty/work**

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## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Alavi Hospital

**Full name of responsible person**

Dr Ali Saberi

**Position**

Vascular surgery fellowship

**Other areas of specialty/work**

**Street address**

Alavi hospital

**City**

Mashhad

**Postal code**

**Phone**

## 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*