

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

the effect of sertraline in dialysis associated hypotension

Protocol summary

Summary

The objective of this randomized, single blind trial is to investigate the effect of sertraline on dialysis associated hypotension. In this study 20 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 sertraline. The patients in the control group will receive placebo. Before dialysis blood pressure, lowest blood pressure during dialysis, after dialysis blood pressure, number of therapeutic intervention will be measured before and after the intervention and compared between groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201112033043N3**
Registration date: **2012-01-06, 1390/10/16**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-01-06, 1390/10/16

Registrant information

Name

Simin Dashti-Khavidaki

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 6695 4709

Email address

dashtis@sina.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Science and Health Services

Expected recruitment start date

2011-10-23, 1390/08/01

Expected recruitment end date

2011-12-11, 1390/09/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

the effect of sertraline in dialysis associated hypotension

Public title

the effect of sertraline in dialysis associated hypotension

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion: patient suffer from dialysis associated hypotension
exclusion: systolic dysfunction, patients who can not tolerate sertraline's adverse effect, refusal to participate in the study, usage of midodrin

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **20**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Tehran University of Medical Science and Health Services

Street address

Tehran University of Medical Science and Health Services, Poorsina Avenue

City

tehran

Postal code**Approval date**

2011-11-26, 1390/09/05

Ethics committee reference number

90-8-21:1-8

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

dialysis associated hypotension

ICD-10 code

Y84.1.I95

ICD-10 code description

Kidney dialysis.Hypotension

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

hypotension

Timepoint

4weeks before intervention,during intervention,4weeks after intervention

Method of measurement

mmhg with use of digital barometer

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

complications of hypotension such as cramp,dizziness,headache,neusea and vomiting,

Timepoint

4weeks before intervention,during intervention,4weeks after intervention

Method of measurement

observation

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

treatment group:administration tablet of sertraline 50-100mg once daily for 8 weeks

Category

Treatment - Drugs

2**Description**

control group:administration placebo of sertraline 50-100mg once daily for 8 weeks

Category

Treatment - Drugs

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

Imam Khomeini hospital

Full name of responsible person

Dr.Simin Dashti-Khavidaki

Street address

Dr Gharib Avenue,Keshavarz Boulevard

City

tehran

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

Tehran University of Medical Science and Health Services

Full name of responsible person

Dr.Simin Dashti-Khavidaki

Street address

Department of clinical pharmacy, Faculty of pharmacy, Tehran University of Medical Science and Health Services,Poorsina Avenue

City

Tehran

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

Yes

Title of funding source

Tehran University of Medical Science and Health Services

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****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Tehran University of Medical Science and Health Services

Full name of responsible person

Dr.Simin Dashti-Khavidaki

Position

associated professor in clinical pharmacy

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

Department of clinical pharmacy, Faculty of pharmacy, Tehran University of Medical Science and Health Services, Poorsina Avenue

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Fax**Email**

dashtis@sina.tums.ac.ir

Web page address**Person responsible for updating data****Contact****Name of organization / entity**

Tehran University of Medical Science and Health Services

Full name of responsible person

Dr.Simin Dashti-Khavidaki

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associated professor in clinical pharmacy

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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