

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

01 Jul 2026

### Investigation the effectiveness and non-effectiveness of Resveratrol neuroprotective material during acute phase of ischemic stroke on neurologic deficiency

#### Protocol summary

##### Summary

This study will be done with aim to investigate the effectiveness of Resveratrol neuroprotective material during acute phase of ischemic stroke on neurologic deficiency. This study is a double blind clinical trial. The study population will be included patients with ischemic stroke referring to Imam Reza Hospital. 100 eligible patients will be selected in available method and randomly based on randomized block alternatives will be assigned to two intervention and control groups. Stroke routine treatments will be applied to both groups. The intervention group, in addition to routine stroke treatments, will receive Resveratrol 500 mg daily for 30 days. The control group, in addition to routine stroke treatments, will receive 500 mg of placebo daily for 30 days in the form of powdered capsules. Before starting treatment and time of discharge NIHSS will be measured. The Barthel and MRS tests will be conducted three months later by phone and the effect of Resveratrol on average of blood pressure as well as in different age groups and both sexes are evaluated. Inclusion criteria: Age between 45 and 90 years; Diagnosis of ischemic stroke in MCA territory Exclusion criteria: Pregnancy; Referral of the patient for more than 24 hours after start of symptoms; Patients who have received RtPA; Brain hemorrhage and previous stroke.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2016061328430N1**

Registration date: **2017-09-09, 1396/06/18**

Registration timing: **prospective**

Last update:

Update count: **0**

##### Registration date

2017-09-09, 1396/06/18

##### Registrant information

###### Name

Payam Sariaslani

###### Name of organization / entity

Kermanshah University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 83 3835 4434

###### Email address

psariaslani@kums.ac.ir

##### Recruitment status

###### Recruitment complete

##### Funding source

Vice chancellor for research, Kermanshah University of Medical Sciences

##### Expected recruitment start date

2017-09-11, 1396/06/20

##### Expected recruitment end date

2018-01-10, 1396/10/20

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Investigation the effectiveness and non-effectiveness of Resveratrol neuroprotective material during acute phase of ischemic stroke on neurologic deficiency

##### Public title

Evaluation of neuroprotective effect of Resveratrol during acute ischemic stroke on neurologic deficit

## Purpose

Treatment

## Inclusion/Exclusion criteria

Inclusion criteria: Age between 45 and 90 years; Diagnosis of ischemic stroke in MCA territory Exclusion criteria: Pregnancy; Referral of the patient for more than 24 hours after start of symptoms; Patients who have received RtPA; Brain hemorrhage and previous stroke.

## Age

From **45 years** old to **90 years** old

## Gender

Both

## Phase

3

## Groups that have been masked

*No information*

## Sample size

Target sample size: **100**

## Randomization (investigator's opinion)

Randomized

## Randomization description

## Blinding (investigator's opinion)

Double blinded

## Blinding description

## Placebo

Used

## Assignment

Parallel

## Other design features

Randomized method based on randomized block alternatives

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Ethics committee of Kermanshah University of Medical Sciences

##### Street address

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

##### City

Kermanshah

##### Postal code

#### Approval date

2017-01-25, 1395/11/06

#### Ethics committee reference number

kums.rec.1395.647

## Health conditions studied

### 1

#### Description of health condition studied

Ischemic stroke

#### ICD-10 code

I63

#### ICD-10 code description

Cerebral infarction

## Primary outcomes

### 1

#### Description

Blood pressure

#### Timepoint

Before the start of the study, upon discharge and three months after the discharge

#### Method of measurement

Using the barometer device

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

The intervention group, in addition to routine stroke treatments, will receive Resveratrol 500 mg daily for 30 days.

#### Category

Treatment - Drugs

### 2

#### Description

Treatment: drugs Treatment: drugs The control group, in addition to routine stroke treatments, will receive 500 mg of placebo daily for 30 days in the form of powdered capsules.

#### Category

Placebo

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Emam Reza Hospital

##### Full name of responsible person

Dr. Sajedah Asgharzadeh

##### Street address

Emam Reza Hospital, Parastar Boulevard

##### City

Kermanshh

## 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, Kermanshah University of Medical Sciences, Building No.2, Shahid Beheshti Blvd

### 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. Sajedeh asgharzadeh

#### Position

Resident of Neurology

#### Other areas of specialty/work

#### Street address

Emam Reza Hospital, Parastar Boulevard

#### City

Kermanshah

#### Postal code

#### Phone

+98 83 3427 6301

#### Fax

#### Email

s.asgharzadeh@yahoo.com

#### Web page address

## Person responsible for scientific inquiries

## Contact

### Name of organization / entity

Kermanshah University of Medical Sciences

### Full name of responsible person

Dr. Payam Sariaslani

### Position

Neurologist

### Other areas of specialty/work

### Street address

Emam Reza Hospital, Parastar Boulevard

### City

Kermanshah

### Postal code

### Phone

+98 83 3427 6301

### Fax

### Email

psariaslani@kums.ac.ir

### Web page address

## Person responsible for updating data

### Contact

#### Name of organization / entity

Kermanshah University of Medical Sciences

#### Full name of responsible person

Dr. Sajedeh Asgharzadeh

#### Position

Resident of Neurology

#### Other areas of specialty/work

#### Street address

Emam Reza Hospital, Parastar Blvd

#### City

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#### Postal code

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#### Email

s.asgharzadeh@yahoo.com

#### 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*