Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Treatment effect of aspirin with and without Clopidogrel on prevention of transient ischemic attack or acute minor stroke in patients with transient ischemic attack: a randomized clinical trial

Protocol summary

Study aim
To assess the treatment effect of aspirin with and without Clopidogrel on prevention of transient ischemic attack or acute minor stroke in patients with transient ischemic attack

Design
This is a randomized clinical trial, phase II, in which 54 eligible patients will be randomly assigned to the intervention and control groups

Settings and conduct
The eligible patients with transient ischemic attack who will refer to Sina Hospital during the study period will be enrolled in the trial

Participants/Inclusion and exclusion criteria
Inclusion criteria: age between18 to 80 years old; transient ischemic attack; severity of stroke score less than 15. Exclusion criteria: gastric disorders; cardiac arrhythmia; sensitivity of aspirin; candidate for carotid introversion.

Intervention groups
Intervention group: Aspirin tablet 81 mg/day for 3 months plus Clopidogrel tablet 75 mg/day for 3 months
Control group: Aspirin tablet 81 mg/day for 3 months

Main outcome variables
Primary outcome: transient ischemic attack; acute minor stroke

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20120215009014N232**
Registration date: **2018-08-27, 1397/06/05**
Registration timing: **registered_while_recruiting**

Last update: **2018-08-27, 1397/06/05**
Update count: **0**

Registration date
2018-08-27, 1397/06/05

Registrant information

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Name of organization / entity
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Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2018-07-23, 1397/05/01

Expected recruitment end date
2018-09-06, 1397/06/15

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
Treatment effect of aspirin with and without Clopidogrel on prevention of transient ischemic attack or acute minor stroke in patients with transient ischemic attack: a randomized clinical trial

Public title
Treatment effect of aspirin with and without Clopidogrel

on prevention of transient ischemic attack or acute minor stroke in patients with transient ischemic attack

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria:

Age of 18 to 80 years; Transient ischemic attack; Severity of stroke score less than 15

Exclusion criteria:

Gastric disorders; Cardiac arrhythmia; Sensitivity of aspirin; Candidate for Carotid introversion

Age

From **18 years** old to **80 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **54**

Randomization (investigator's opinion)

Randomized

Randomization description

The patients will be randomly assigned to intervention and control groups using block randomization

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Hamadan University of Medical Sciences

Street address

Vice-chancellor for Research and Technology, Hamadan University of Medical Sciences, Shahid Fahmideh Ave

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Postal code

6517838695

Approval date

2018-07-21, 1397/04/30

Ethics committee reference number

IR.UMSHA.REC.1397.301

Health conditions studied

1

Description of health condition studied

Transient ischemic attack

ICD-10 code

G45.9

ICD-10 code description

Transient cerebral ischemic attack, unspecified

Primary outcomes

1

Description

Transient ischemic attack

Timepoint

3 months after intervention

Method of measurement

With physical examination and history taking

2

Description

Acute minor stroke

Timepoint

3 months after intervention

Method of measurement

With physical examination and history taking

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Aspirin tablet 81 mg/day for 3 months plus Clopidogrel tablet 75 mg/day for 3 months

Category

Treatment - Drugs

2

Description

Control group: Aspirin tablet 81 mg/day for 3 months

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Sina Hospital

Full name of responsible person

Fatemeh Ghasemian

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Sponsors / Funding sources

1

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