

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Jul 2026

A novel protocol for anti coagulation therapy after coronary endarterectomy in coronary artery bypass graft patients

Protocol summary

Summary

Objective: to suggest a new protocol for anti coagulation in patients undergoing coronary artery bypass graft/ coronary endarterectomy. Design: randomised double blind clinical trial. Setting and conduct: in group 1, patients are given warfarin (international normalized ratio between 2 - 3) and aspirin (80 mg daily) for 3 months. In group 2 patients are given plavix (75 mg daily) and aspirin (80 mg daily) for 3 months. Inclusion criteria: patients undergoing CABG / coronary endarterectomy. Exclusion criteria were as follows: need to concomitant valve surgery; history of allergic reaction to Aspirin and Plavix; any systemic disease. Main outcome measures: electrocardiography, cardiac enzyme levels,; wall motion score index, ejection fraction in echocardiography.

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Recruitment status

Recruitment complete

Funding source

Babol University of Medical Science

Expected recruitment start date

2013-03-21, 1392/01/01

Expected recruitment end date

2015-03-21, 1394/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016102730410N2**

Registration date: **2016-11-14, 1395/08/24**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-11-14, 1395/08/24

Registrant information

Name

Ghasem Faghanzadeh Ganji

Name of organization / entity

Babol University of Medical Science

Country

Iran (Islamic Republic of)

Phone

Scientific title

A novel protocol for anti coagulation therapy after coronary endarterectomy in coronary artery bypass graft patients

Public title

the effect of plavix in post coronary artery bypass graft/coronary endarterectomy patients

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion criteria: patients undergoing Coronary artery bypass graft / coronary endarterectomy. Exclusion criteria were as follows: need to concomitant valve surgery; history of allergic reaction to Aspirin and Plavix; any systemic disease

Age

No age limit

Gender

Both

Phase

Groups that have been masked*No information***Sample size**

Target sample size: 55

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Double 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 Babol University of Medical Sciences

Street address

Babol University of Medical Science, Ganj Afrooz Avenue, Babol, Mazandaran, Iran Babol

City

Babol

Postal code**Approval date**

2013-08-20, 1392/05/29

Ethics committee reference number

MUBABOL.REC.1392.3

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

Coronary artery disease

ICD-10 code

I25.1

ICD-10 code description

Atherosclerotic heart disease Coronary (artery): atheroma atherosclerosis disease sclerosis

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

cardiac enzyme : Creatine phosphokinase

Timepoint

before operation, immediately after operation, 24 hours after operation, 48 hours after operation

Method of measurement

serology

2**Description**

electrocardiography

Timepoint

before operation, immediately after operation, 24 hours after operation, 48 hours after operation

Method of measurement

Electerocardiograph

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

Ejection fraction

Timepoint

before operation, 3 month after operation

Method of measurement

ecocardiograph

2**Description**

wall motion score index

Timepoint

before operation, 3 month after operation

Method of measurement

ecocardiograph

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

the patients are given two drugs from first day until 3 months post operation: Aspirin 80 mg daily and Plavix 75 mg daily.

Category

Treatment - Drugs

2**Description**

the patients are given two drugs from first day until 3 months post operation: Aspirin 80 mg daily and Warfarin keeping international normalized ratio between 2-3

Category

Treatment - Drugs

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

Rohani hospital

Full name of responsible person

Ghassem Faghanzadeh Ganji

Street address

Rohani hospital, Ganj Afroz street, Babol,
Mazandaran, Iran.

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Babol University of Medical Sciences, Deputy of
Research & Technology

Full name of responsible person

Ali Akbar Moghadamnia

Street address

Babol University of Medical Sciences, Deputy of
Research & Technology, Ganj afrooz Avenue, Babol,
Mazandaran, Iran

City

Babol

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Babol University of Medical Sciences, Deputy of Research
& Technology

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

Babol University of Medical Science

Full name of responsible person

Ghasem Faghanzadeh Ganji

Position

cardiac surgen

Other areas of specialty/work

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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