Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Amiodarone versus propafenone to treat atrial fibrillation after coronary artery bypass graft surgery

Protocol summary

Summary

This study has been planned to compare the effectiveness of these two drugs in hospitalized patients after CABG ,to find out the optimal treatment for atrial fibrillation.All candidates for heart surgery (on pump CABG); who fill out the consent form to participate in research, will be included. And all patients with a history of sensitivity to propafenone; 'EF <30%; cardiogenic shock; bradycardia; marked hypotension; sick sinus; electrolyte imbalance will be excluded.Patients will be devided into tow groups.In the first group propafenone and in the second group amiodarone will be administered.Drug administration will be done at the early detection of postoperative atrial fibrillation by the ICU nurse and will be confirmed by the ICU spacialist.Also the type of atrial fibrillation and its association with other symptoms such as hypotension will be approved.The investigator will not involve in the intervention and the patients are not aware of the treatment they are receiving .So the study is double blind.At the onset of AF, patients in first group will receive propafenone (600mg PO stat and 150mg Q8h ×10 days).And patients in second group will receive amiodarone (300mg stat and 600mg iv infusion in 12-24 hours)..In case of reasonable results in administration of any of these drugs,it can be hoped that by Using proper and appropriate dose ,atrial fibrillation occurrence in patients candidate for open heart surgery ,especially coronary artery bypass surgery will be controlled quickly and more accurately.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138809092795N1**
Registration date: **2011-04-16, 1390/01/27**
Registration timing: **retrospective**
Last update:
Update count: **0**

Registration date

2011-04-16, 1390/01/27

Registrant information

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research,Shiraz University of Medical Sciences

Expected recruitment start date

2010-02-20, 1388/12/01

Expected recruitment end date

2010-07-23, 1389/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Amiodarone versus propafenone to treat atrial fibrillation after coronary artery bypass graft surgery

Public title

Amiodarone versus propafenone to treat atrial fibrillation after coronary artery bypass graft surgery

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:All candidates for heart surgery (on pump CABG); who fill out the consent form to participate in research. Exclusion criteria :All patients with a history of sensitivity to propafenone; 'EF <30%; cardiogenic shock; bradycardia; marked hypotension; sick sinus; electrolyte imbalance.

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size:

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

Ethical committee of Shiraz University of Medical Sciences

Street address

Zand st., Faculty of Medicine

City

Shiraz

Postal code

Approval date

2011-01-02, 1389/10/12

Ethics committee reference number

CT-89-5352

Health conditions studied

1

Description of health condition studied

Atrial fibrillation in hospitalized patients after CABG

ICD-10 code

I97.8

ICD-10 code description

Other postprocedural disorders of circulatory system, not elsewhere classified

Primary outcomes

1

Description

Treatment of atrial fibrillation after heart surgery

Timepoint

Early detection of postoperative AF will be done by the ICU nurse and will be confirmed by ICU specialist.

Method of measurement

Monitoring and ECG use.

Secondary outcomes

empty

Intervention groups

1

Description

.At the onset of AF, patients in first group will receive propafenone (600mg PO stat and 150mg Q8h ×10 days).

Category

Treatment - Drugs

2

Description

At the onset of AF, patients in second group will receive amiodarone (300mg stat and 600mg iv infusion in 12-24 hours).

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Ordibehesht Hospital

Full name of responsible person

Doctor Mohammad Hassan Nemati

Street address

Ordibehesht Hospital, Chamran street ,Shiraz

City

Shiraz

2

Recruitment center

Name of recruitment center

Shiraz Central Hospital

Full name of responsible person

Doctor Mohammad Hassan Nemati

Street address

Shiraz Central Hospital , Chamran street ,Shiraz

City
Shiraz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research,Shiraz University of Medical Sciences
Full name of responsible person
Dr Gholamreza Hatam
Street address
Zand street , Shiraz
City
Shiraz
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,Shiraz 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
Shiraz University of Medical Sciences
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Person responsible for updating data

Contact

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