Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

Comparison study of Celox powder and standard dressing in control of bleeding from coronary angiography location in Shahid Beheshti Hospital of Qom during 2012

Protocol summary

Summary

In this study, 50 patients in the control group and 50 patients in case group will be studied. The patients will be selected from the candidates for coronary angiography and angioplasty in the heart center of Shahid Beheshti hospital of Qom and will be assigned randomly to two groups of case(receiving 2g Celox powder) and control (normal pressure dressings). An informed written consent is obtained from the patients and age, gender, time to stop bleeding, underlying disease, anticoagulation medication, weight and hematoma will be recorded in all patients. After stopping the bleeding, severity of angiography location pain is determined by 5 degree Likert scale (very high, high, medium, low and very low) that is recorded based on the pain expressed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201202209084N1**
Registration date: **2012-07-26, 1391/05/05**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2012-07-26, 1391/05/05

Registrant information

Name

Vahid Damanpak

Name of organization / entity

Qom University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 25 1612 2952

Email address

vdamanpak@muq.ac.ir

Recruitment status

Recruitment complete

Funding source

Cost of drug supply: Deniz Daroo Darman Co.Other costs : Qom University of Medical Sciences

Expected recruitment start date

2012-04-20, 1391/02/01

Expected recruitment end date

2013-02-19, 1391/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison study of Celox powder and standard dressing in control of bleeding from coronary angiography location in Shahid Beheshti Hospital of Qom during 2012

Public title

Control of bleeding caused by the use of angiography in powder celox

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Personal satisfaction of patients, patients candidates for coronary angiography for diagnosis or treatment (angioplasty) Exclusion criteria: Lack of personal satisfaction of patients for using celox powder, severe skin allergy

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

Randomized

Randomization description

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

Qom University of Medical Sciences

Street address

Qom, Shahid Lavasani's Street, Qom University of Medical Sciences

City

Qom

Postal code

3719976739

Approval date

2011-09-28, 1390/07/06

Ethics committee reference number

4171/د

Health conditions studied

1

Description of health condition studied

Injury, poisoning and certain other consequences of external causes

ICD-10 code

S70-79

ICD-10 code description

Injuries to the hip and thigh

Primary outcomes

1

Description

Hemostasis

Timepoint

Till stopping bleeding

Method of measurement

With Cronometer

Secondary outcomes

1

Description

The severity of andiography location's pain

Timepoint

6 hours after stopping bleeding

Method of measurement

With 5 degree Likert scale

2

Description

Hematoma

Timepoint

1 hour and 6 hours after stopping bleeding

Method of measurement

Observation of Edema and palpation of angiography location

Intervention groups

1

Description

The patients of case group will receive 2gr Celox powder, made by MedTrade Products Ltd on the angiography location and then hand pressure will be performed. Age, gender, time to stop bleeding, underlying disease, anticoagulation medication, weight and hematoma will be recorded in all patients. After stopping the bleeding, severity of angiography location pain is determined by 5 degree Likert scale (very high, high, medium, low and very low) that is recorded based on the pain expressed.

Category

Treatment - Drugs

2

Description

The patients of control group will receive standard dressing on the angiography location and then hand pressure will be performed. Age, gender, time to stop bleeding, underlying disease, anticoagulation medication, weight and hematoma will be recorded in all patients. After stopping the bleeding, severity of angiography location pain is determined by 5 degree Likert scale (very high, high, medium, low and very low) that is recorded based on the pain expressed.

Category

Treatment - Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Shahid Beheshti Super specialty Hospital
Full name of responsible person
Vahid Damanpak
Street address
City
Qom

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for Education, Research and Technology of Qom University of Medical Sciences
Full name of responsible person
Ali-Reza Koohpayee, MD
Street address
University of Medical Sciences Qom, Vice chancellor for research, Lavasani St., Qom
City
Qom
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice chancellor for Education, Research and Technology of Qom 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
Qom University of Medical Sciences
Full name of responsible person
Vahid Damanpak
Position
Internal manager of Clinical Research Development Centro
Other areas of specialty/work
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Person responsible for scientific inquiries

Contact
Name of organization / entity
Assistant professor of Qom University of Medical Sciences
Full name of responsible person
Fakhreldin Hejazi, MD
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Cardiologist, Angioplasty felowship
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Person responsible for updating data

Contact
Name of organization / entity
Qom University of Medical Sciences
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Vahid Damanpak, MD
Position
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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