

Clinical Trial Protocol

Iranian Registry of Clinical Trials

25 Jul 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

4171/5

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 angiography 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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Web page address

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

Position

Cardiologist, Angioplasty fellowship

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Qom University of Medical Sciences

Full name of responsible person

Vahid Damanpak, MD

Position

Internal manager of Clinical Research Development Center

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