Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

The Comparison of celox powder and conventional gauze dressing on time to hemostasis of vascular access in hemodialysis patients

Protocol summary

Summary

The aim of this study is to investigate the effect of celox powder in decreasing time to hemostasis of vascular punctures site in hemodialysis patient. in 67 dialysis patients three time in week (with interval of 48 hours) time to hemostasis of fistula of puncture site measurement and average of this three sessions determined as the time to hemostasis of arteriovenous fistula for per patient. The patients who Time to hemostasis was eight minuts or more of eight minutes selected with sampling rely on purpose .then per puncture site of arteriovenous fistula in three separated week(Per week ,in two consecutive sessions) ,in first week with routine dress gram celox powder and in third week with use of 0.5 gram celox powder treatment. Time to Hemostasis for per punctur site in three method Measurmented and recorded and analysed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013072813968N2**
Registration date: **2014-02-02, 1392/11/13**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2014-02-02, 1392/11/13

Registrant information

Name

Mahmood Choubdar

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 53 2825 3145

Email address

choubdarm891@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences Vice chancellor for research

Expected recruitment start date

2013-04-13, 1392/01/24

Expected recruitment end date

2013-06-29, 1392/04/08

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Comparison of celox powder and conventional gauze dressing on time to hemostasis of vascular access in hemodialysis patients

Public title

The effect of celox powder on hemostasis of vasscular access in hemodialysis pateint.

Purpose

Supportive

Inclusion/Exclusion criteria

inclusion criteria: Have consent for participant in study; three time in week treatment with hemodialysis ; vascular access is fistful; age of 18-75 ; Time to hemostasis 0f vascular puncture site is eight minutes or more of eight minutes. Exclusion criteria:Not Orient to place, person and time ; have coagulopathy problem and abnormal bleeding.

Age

From **18 years** old to **70 years** old

Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **11**
Randomization (investigator's opinion)
N/A
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
Ethic committee of Mashhad University of Medical Science
Street address
Ghoraishy Building, University St, Mashhad
City
Mashhad
Postal code
Approval date
2013-02-28, 1391/12/10
Ethics committee reference number
911055

Health conditions studied

1

Description of health condition studied
hemodialysis
ICD-10 code
z49
ICD-10 code description
Care involving dialysis

Primary outcomes

1

Description
hemostasis
Timepoint
till to hemostasis
Method of measurement
cronometr

Secondary outcomes

1

Description
Rebleeding
Timepoint
After 48 hours
Method of measurement
Quational form

2

Description
alergy
Timepoint
After 48 hours
Method of measurement
Quational form

Intervention groups

1

Description
The first week :In two consecutive sessions with removaling of needles،one regular gauze with diameter and wide 2/5 centimeter placement in site of removal of needles and mild manually pressure apply. per two minutes , punctures site look for hemostasis.Time to hemostasis account for per punctur. the more time, record for patient of hemostasis time.
Category
Treatment - Other

2

Description
The second week: in two consecutiv session, 1 gram celox powder pour on gauze with diameter and wide 2/5 cm and with removaling of needles placement in site of removal of needles and mild manually pressure apply.per two minutes ,punctures site look for hemostasis.Time to hemostasis account for per punctur . the more time recorded for patient omosf hetasis time.
Category
Treatment - Drugs

3

Description
The third week: As the second week but half gram of celox powder used
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Imam Reza Hospital

Full name of responsible person
Hamid Chamanzari

Street address
Emamreza Hospital , Mashhad

City
Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Mashhad University of Medical Sciences Vice chancellor for research

Full name of responsible person
Dr. Jalil Tavakol Afshari

Street address
Ghoraishy Building, University St, Mashhad

City
Mashhad

Grant name

Grant code / Reference number

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

Title of funding source
Mashhad University of Medical Sciences Vice chancellor for research

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
Mashhad university of Medical

Full name of responsible person
Mahmood Choubdar

Position
Critical care Nursing Arshad Expert student

Other areas of specialty/work

Street address
Faculty of Nursing and Midwifery, Ebn-e Sina St, Doktora Crossing, Mashhad.

City
Mashhad

Postal code

Phone
+98 51 1859 1511

Fax

Email
choubdarm891@mums.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Mashhad university of Medical

Full name of responsible person
Hamid Chamanzari

Position
Nursing Arshad Expert

Other areas of specialty/work

Street address
Faculty of Nursing and Midwifery, Ebn-e Sina St, Doktora Crossing, Mashhad.

City
Mashhad

Postal code

Phone
+98 51 1859 1511

Fax

Email
chamanzarih@mums.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity
Mashhad university of Medical

Full name of responsible person
Mahmood Choubdar

Position
Critical Care Nursing Arshad Student

Other areas of specialty/work

Street address
Faculty of Nursing and Midwifery, Ebn-e Sina St, Doktora Crossing, Mashhad.

City
Mashhad

Postal code
3216-913791

Phone
+98 51 1859 1511

Fax

Email
choubdarm891@mums.ac.ir

Web page address
web@mums.ac.ir

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