

Clinical Trial Protocol

Iranian Registry of Clinical Trials

01 Jul 2026

Comparison Of Efficacy Compressive Stocking With Heparin And Enoxaparin In Prevention Of Deep Vein Thrombosis Of Lower Extremities In Hysterectomized Patients

Protocol summary

Summary

This Study Is A Clinical Trial Study In The Radiology Department Of Afzalipour Kerman Hospital In 1396_97. This Study Has Done on Women Who Require Hysterectomy Aged under 60. People At High Risk Of Deep Vein Thrombosis Include Those With Major Surgery. Hysterectomy Cases Due To Malignancy Or Patients with Aspirin Making, With Pelvic Trauma And Diabetes, Pulmonary And Heart Failure, History Of Previous Thrombosis And Long-Term Admission And Obese Patients (More Than 20% Of The Ideal Weight) Are Excluded. Sampling In This Study Will Be Facilitated By Sampling. The Sample Size Of The Study Was Based on Cases Of Hysterectomy In Women. For Each Group, 20 Persons (80 People Were Considered For More Certainty) Were Considered. Patients Are Randomly Divided Into Four Groups: Heparin Prophylaxis, Heparin Plus Compressive Socks, Prophylaxis With Enoxaparin And Enoxaparin Plus Compressive Socks. The First Group Of Patients Will Receive 5,000 Units Of SubCutaneous Heparin Prophylaxis Every 12 Hours For Three Days. In The Second Group, In Addition To Receiving 5,000 Units Of Heparin Units Every 12 Hours, The Compressive Socks Are Also Used. The Third Group Is Under Enoxaparin Prophylaxis 40 mg Daily For SubCutaneous Injection For Three Days And In The Last Group, Besides Enoxaparin 40 mg Daily, SubCutaneously, A Compressive Sock Is Also Used. Two Weeks After The Completion Of The Drug And Mechanical Prophylaxis Of Patients, The Doppler Ultrasound Radiologist Assistant Will Receive The Doppler Sonography Findings In A Checklist (Presence Or Absence Of Thrombosis).

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017080935594N1**

Registration date: **2017-09-28, 1396/07/06**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-09-28, 1396/07/06

Registrant information

Name

Ahmad Enhesari

Name of organization / entity

Kerman University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 32112563

Email address

enhesari@kmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Kerman University of Medical Sciences

Expected recruitment start date

2017-08-23, 1396/06/01

Expected recruitment end date

2018-08-23, 1397/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison Of Efficacy Compressive Stocking With

Heparin And Enoxaparin In Prevention Of Deep Vein Thrombosis Of Lower Extremities In Hysterectomized Patients

Public title

Comparison Of Efficacy Compressive Stocking With Heparin And Enoxaparin In Prevention Of Deep Vein Thrombosis Of Lower Extremities In Hysterectomized Patients

Purpose

Prevention

Inclusion/Exclusion criteria

Entry Criteria: Women In Need Of Hysterectomy; Under 60 Years Of Age. Exit Criteria: Hysterectomy Due To Malignancy; Patients With Aspirin Use; History Of Pelvic Trauma; Diabetes; Pulmonary And Heart Failure; History Of Previous Thrombosis And Long-Term Admission; Obese Patients (More Than 20% Of The Ideal Weight).

Age

To 60 years old

Gender

Female

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: 80

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

Kerman University of Medical Sciences and Health Services

Street address

Kerman University of Medical Sciences, Afzalipour Pardis, Early axis of seven Alavi Gardens, Kerman, Iran

City

Kerman

Postal code

7916913555

Approval date

2017-08-10, 1396/05/19

Ethics committee reference number

1396.1269R.KMU.REC.

Health conditions studied

1

Description of health condition studied

lower limb vein thrombosis

ICD-10 code

180.3

ICD-10 code description

Phlebitis and thrombophlebitis of lower extremities, unspecified Embolism or thrombosis of lower extremity NOS

Primary outcomes

1

Description

The presence or absence of thrombosis

Timepoint

two weeks

Method of measurement

Based on the Doppler ultrasonography of the deep veins of the lower limb

Secondary outcomes

empty

Intervention groups

1

Description

Group 1 intervention: Prophylaxis with heparin subcutaneously 5,000 units every 12 hours for three days plus compressive socks Second group intervention: Prophylaxis with subcutaneous enoxaparin 40 mg daily for three days plus compressive socks

Category

Prevention

2

Description

Group 1 Control: Prophylaxis with subcutaneous heparin 5,000 units every 12 hours for 3 days Group 2 Control: Prophylaxis with subcutaneous enoxaparin 40 mg daily for three days

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Department of Radiology Afzalipour Medical

Education Center

Full name of responsible person

Ahmad Enhesari

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Web page address

<http://www.kmu.ac.ir/>

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kerman University of Medical Sciences

Full name of responsible person

Abbas Pardakhti

Street address

Kerman University of Medical Sciences, Afzalipour
Pardis, Early axis of seven Alavi Gardens, Kerman,
Iran

City

Kerman

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kerman 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

Kerman University of Medical Sciences

Full name of responsible person

Ahmad Enhesari

Position

Professor of Radiology

Other areas of specialty/work

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Position

Radiologist

Other areas of specialty/work

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Position

Radiologist

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