

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

The comparisone of effects of Tranexamic acid and Medroxyprogestrone on puerperal bleeding

Protocol summary

Summary

The purpose of this study is determining the effects of Tranexamic acid and Medroxyprogestrone acetate on puerperal bleeding .Inclusion criteria: Puerperal bleeding more than 30 days; dizziness; hypotension. Exclusion criteria: Birth canal lacerations; retained placenta . 66 patients who refer to Imam Reza hospital will evaluate.One group under treatment with tranexamic acid and the other group under treatment with medroxy progestrone acetate.6 weeks later they will evaluate for response to treatment; reduce bleeding; Hb level and side effects.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201306193461N6**
Registration date: **2013-08-06, 1392/05/15**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2013-08-06, 1392/05/15

Registrant information

Name

Firoozeh Veisi

Name of organization / entity

Kermanshah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 83 1823 4276

Email address

f_veisi@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

Kermanshah University of Medical Sciences,Kermanshah, Iran

Expected recruitment start date

2013-04-21, 1392/02/01

Expected recruitment end date

2015-04-21, 1394/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The comparisone of effects of Tranexamic acid and Medroxyprogestrone on puerperal bleeding

Public title

The effect of tranexamic acid and medroxyprogestrone on puerperal bleeding

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criterias: women 15-45 ages with prolonged puerperal bleeding; dizziness; hypotension; skin allergy because of tampon use;and 30 days after delivery. Exclusion critreias: Birth canal lacerations; retained placenta; myoma and endometrial polyps; history of chronic diseases such as: hepatic, renal,diabetes, thromboembolic and coagulative disorders; anticoagulative drug use ; and thrombocytopenia.

Age

From **15 years** old to **45 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 66

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

Kermanshah University of Medical Sciences

Street address

Kermanshah, Daneshgah Blv, Parastar Ave.

City

Kermanshah

Postal code

Approval date

2013-02-12, 1391/11/24

Ethics committee reference number

1504

Health conditions studied

1

Description of health condition studied

puerperal bleeding

ICD-10 code

090.9

ICD-10 code description

complications of the the puerperium unspecified

Primary outcomes

1

Description

The volume of bleeding

Timepoint

Before and six weeks after intervention

Method of measurement

The number of used pads before and after intervention

2

Description

Hb level

Timepoint

Before and six weeks after intervention

Method of measurement

Hb level measurement

Secondary outcomes

1

Description

Headache and dizziness

Timepoint

Before and six weeks after intervention

Method of measurement

Patient report

2

Description

Spotting

Timepoint

Before and six weeks after intervention

Method of measurement

Patient report

3

Description

Repeat intervention

Timepoint

Up to six weeks after intervention

Method of measurement

Surgery, D&C, administration of drug

Intervention groups

1

Description

Group A: every 12 hour, 250 mg oral tranexamic acid capsule with two ferrous sulfate is given.

Category

Treatment - Drugs

2

Description

Group B: every 12 hour 1 tablet 5 mg medroxyprogesterone with two ferrous sulfate is given

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Reza Hospital clinic

Full name of responsible person

Street address

City

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kermanshah University of Medical Sciences

Full name of responsible person

firoozeh veisi

Street address

Kermanshah, Imam Reza Hospital

City

Kermanshah

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kermanshah 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

Kermanshah University of Medical Sciences

Full name of responsible person

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Position

Assistant professor

Other areas of specialty/work

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Position

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Other areas of specialty/work

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Web page address

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