

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

Comparison The Effect Of Celecoxib And Ibuprofen On The treatment of Primary Dysmenorrhea on Students of Ilam University of Medical Sciences

Protocol summary

Summary

This is double-blinded crossing trial that will be perform in two dormatorse(khayam and kawsar) of students affiliated to ilam university of medical science. The aim of study is to survy the effect of celecoxib and iboprofen on primary dysmenorrhea in 80 girl students. Inclusion criteria including age 18-22 y-o, presence of menstrual pains among recent 6 month. Exclusion criteria including history of abdominal/ pelvic surgery and usage of OCPs. The samples will be select by convenience method then assigned to two groups of celecoxib - ibuprofen and celecoxib - ibuprofen. Each of participants evaluated for 3 menstrual cycles. That in first we take no intervention and the participant should record its pain severity and duration with Andrish-Melisum, VAS scale and a watch. In one of the groups in 2th cycle with onset of menstrual pain, participant use 1 tab of celecoxib 200 mg every 12h and in 3th cycle she should a tab of ibuprofen 400mg every 6-8h then she fill the questionnaire No:2. In another group in 2th cycle with onset of pain the participants use 1 tab of ibuprofen 400mg every 6-8h and in 3th cycle 1 tab of celecoxib 200 mg every 12h, the questionnaire No:2 will be filled.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201304096790N4**

Registration date: **2013-05-22, 1392/03/01**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2013-05-22, 1392/03/01

Registrant information

Name

Zainab Suhrabi

Name of organization / entity

Ilam University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 84 1222 7123

Email address

suhrabi-z@medilam.ac.ir

Recruitment status

Recruitment complete

Funding source

Deputy of reserch and technology at ilam university of medical sciences

Expected recruitment start date

2013-04-25, 1392/02/05

Expected recruitment end date

2013-07-27, 1392/05/05

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison The Effect Of Celecoxib And Ibuprofen On The treatment of Primary Dysmenorrhea on Students of Ilam University of Medical Sciences

Public title

Comparison The Effect Of Celecoxib And Ibuprofen On The treatment of Primary Dysmenorrhea on Students of Ilam University of Medical Sciences

Purpose

Treatment

Inclusion/Exclusion criteria

This is double-blinded crossing trial that will be perform in two dormatorse(khayam and kawsar) of students

affiliated to ilam university of medical science. The aim of study is to survey the effect of celecoxib and ibuprofen on primary dysmenorrhea in 80 girl students. Inclusion criteria including age 18-22 y-o, presence of menstrual pains among recent 6 month. Exclusion criteria including history of abdominal/ pelvic surgery and usage of OCPs. The samples will be select by convenience method then assigned to two groups of celecoxib - ibuprofen and celecoxib - ibuprofen. Each of participants evaluated for 3 menstrual cycles. That in first we take no intervention and the participant should record its pain severity and duration with Andrish-Melisum, VAS scale and a watch. In one of the groups in 2th cycle with onset of menstrual pain, participant use 1 tab of celecoxib 200 mg every 12h and in 3th cycle she should a tab of ibuprofen 400mg every 6-8h then she fill the questionnaire No:2. In another group in 2th cycle with onset of pain the participants use 1 tab of ibuprofen 400mg every 6-8h and in 3th cycle 1 tab of celecoxib 200 mg every 12h, the questionnaire No:2 will be filled.

Age

From **18 years** old to **22 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **80**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Crossover

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ilam university of medical sciences

Street address

banganjab- pajohesh Blvd.

City

Ilam

Postal code

Approval date

2013-03-02, 1391/12/12

Ethics committee reference number

162/52/22

Health conditions studied

1

Description of health condition studied

Dysmenorrhea

ICD-10 code

N94.4

ICD-10 code description

primary dysmenorrhea

Primary outcomes

1

Description

Intensity of menstrual pain

Timepoint

befor and 1,2,3,4,6,8,12,24,48 and 72 hour after intervention

Method of measurement

VAS scale

2

Description

duration of menstrual pain

Timepoint

onset of pain to stop

Method of measurement

watch

Secondary outcomes

empty

Intervention groups

1

Description

In one of the groups in 2th cycle with onset of menstrual pain, participant use 1 tab of celecoxib 200 mg every 12h and in 3th cycle she should a tab of ibuprofen 400mg every 6-8h then she fill the questionnaire No:2

Category

Treatment - Drugs

2

Description

In another group in 2th cycle with onset of pain the participants use 1 tab of ibuprofen 400mg every 6-8h and in 3th cycle 1 tab of celecoxib 200 mg every 12h, the questionnaire No:2 will be filled.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

two dormatorse(khayam and kawsar) of students affiliated to ilam university of medical science

Full name of responsible person

Street address

City

Ilam

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ilam university of medical sciences

Full name of responsible person

Dr.Morovat Taherikalani

Street address

banganjab- Deputy of reserch and technology

City

Ilam

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Ilam 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

Ilam university of medical sciences

Full name of responsible person

Zainab suhrabi

Position

Faculty member- lecturer

Other areas of specialty/work

Street address

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suhrabi2007@yahoo.comsuhrabi-z@medilam.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Ilam university of medical sciences

Full name of responsible person

Zainab suhrabi

Position

MS

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Ilam university of medical sciences

Full name of responsible person

Zainab suhrabi

Position

Faculty member- lecturer

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

