Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

Effects of health education on preventive behaviors of head lice infestation among female primary school students.

Protocol summary

Summary

The aim of this study was to evaluate the effect of health education program on preventive behaviors of head lice infestation among girls in primary school at Eyvan city in 2016. In the city of Eyvan, with regard to the equality of the conditions, among the 6 primary school girls, two schools were selected. In the next step, the Esmat School (with 95 female students from the fourth and fifth grade students) was selected as the case group and the Zohreh Sadeghpour School (with 62 female students from the fourth and fifth grade students) were selected as the control group. Therefore, the allocation of samples to groups was random, because the assignment of schools to case and control groups was done randomly. Inclusion criteria: Student and parent's informed consent; education at the fourth and fifth grades. Exclusion criterion: Skin and fungal diseases. In this study, educational intervention was designed based on pre-test data in the case group. Educational intervention was designed based on pre-test data in the intervention group. Educational intervention was conducted in five sessions and each session lasted 30 minutes. The contents of the training included lice characteristics, place of residence, transmission pathway, symptoms and complications and prevention and treatment methods prepared in the form of handbook, posters and educational pamphlets and provided to health instructor, parents and students. Some methods such as giving lecture, face to face training and question and answer were used in educational sessions. One month after the intervention, students were evaluated for the second time. Primary outcomes: perceived susceptibility; perceived severity; perceived barriers; perceived benefits and self-efficacy. Secondary outcomes: taking preventive behaviors.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017072235224N1**
Registration date: **2017-11-02, 1396/08/11**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2017-11-02, 1396/08/11

Registrant information

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Ilam University of Medical Sciences, Dr. Behzad BadakhshPhone: 08432235724email: badakhsh_b@medilam.ac.ir

Expected recruitment start date

2017-01-04, 1395/10/15

Expected recruitment end date

2017-05-21, 1396/02/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effects of health education on preventive behaviors of head lice infestation among female primary school students.

Public title
Efficacy of education on preventive behaviors against head lice infestation
Purpose
Prevention
Inclusion/Exclusion criteria
Inclusion criteria: Student and parent's informed consent and education at the fourth and fifth grades. Exclusion criteria: Skin and fungal diseases
Age
From **10 years** old to **11 years** old
Gender
Female

Phase
2-3
Groups that have been masked
No information
Sample size
Target sample size: **157**
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
Ethics committee of Ilam University of Medical Sciences
Street address
Ilam University of Medical Sciences, Pajoohesh Blvd, Ilam
City
Ilam
Postal code
6939177143
Approval date
2017-03-05, 1395/12/15
Ethics committee reference number
IR.Medilam.Rec.1395.208

Health conditions studied

1

Description of health condition studied
Pediculosis
ICD-10 code
B85-B89
ICD-10 code description
Pediculosis due to Pediculus humanus capitis

Primary outcomes

1

Description
Perceived sensitivity
Timepoint
Before intervention and one month after intervention
Method of measurement
Researcher-made questionnaire

2

Description
Perceived severity
Timepoint
Before intervention and one month after intervention
Method of measurement
Researcher-made questionnaire

3

Description
Perceived barriers
Timepoint
Before intervention and one month after intervention
Method of measurement
Researcher-made questionnaire

4

Description
Perceived benefits
Timepoint
Before intervention and one month after intervention
Method of measurement
Researcher-made questionnaire

5

Description
Efficacy
Timepoint
Before intervention and one month after intervention
Method of measurement
Researcher-made questionnaire

Secondary outcomes

1

Description
Preventive Behaviors
Timepoint

Before intervention and one month after intervention

Method of measurement

Researcher-made questionnaire

Intervention groups

1

Description

Intervention group: In this study, educational intervention was designed based on pre-test data in the intervention group. Educational intervention was conducted in five sessions and each session lasted 30 minutes. The contents of the training included lice characteristics, place of residence, transmission pathway, symptoms and complications and prevention and treatment methods prepared in the form of handbook, posters and educational pamphlets and provided to health instructor, parents and students. Some methods such as giving lecture, face to face training and question and answer were used in educational sessions.

Category

Prevention

2

Description

Control group:During the study, the control group received routine care. At the end of the study, the intervention was given to the control group.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Zohreh Sadeghpour Elementary School

Full name of responsible person

Ms. Emami

Street address

10 Khordad Street, Emam Square, Eyvan

City

Eyvan

2

Recruitment center

Name of recruitment center

Esmat Elementary girl school

Full name of responsible person

Ms. Ahmadfar

Street address

Dastghyb Street, Emam Square, Eyvan

City

Eyvan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Ilam University of Medical Sciences

Full name of responsible person

Dr. Behzad Badakhsh

Street address

Research & Technology, Ilam University of Medical Sciences, Ilam

City

Ilam

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research, 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

Samira Daneshvar

Position

Master student in Health Education

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