

Clinical Trial Protocol

Iranian Registry of Clinical Trials

21 Jul 2026

The effect of maternal advice and knowledge about the practice of female reproductive health

Protocol summary

Summary

This study has been designed in 1394 to determine the effect of counseling with mothers and the function and Awareness of high school adolescent girls about reproductive health in the Hamadan city. Sampling is done inform of blocking, the study population will comprise all mothers and school's adolescent girls. Inclusion criteria: girls 13-16 years old; the occurrence of menarche; being single; living with parents; mothers: Physical and mental health and the absence of drug's Consumption. Exclusion criteria: Girls: marriage; separation From parents; transfer to the another school during the study; the occurrence of physical and mental illness during The study; mothers lacking of participation in training Sessions .The volume of sample: 60 persons in the intervention group and the 60 persons in the control group have been determined. Reproductive health teaching in The intervention group will be carried out during 4 session by the researcher. The main outcome variable in this study is the awareness and operation.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015082623640N3**

Registration date: **2016-04-19, 1395/01/31**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-04-19, 1395/01/31

Registrant information

Name

Farzaneh Soltani

Name of organization / entity

Hamedan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 813220683

Email address

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Recruitment status

Recruitment complete

Funding source

Vice chancellor of Research Technology, Hamadan University of Medical Sciences

Expected recruitment start date

2015-09-23, 1394/07/01

Expected recruitment end date

2016-06-21, 1395/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of maternal advice and knowledge about the practice of female reproductive health

Public title

The effect of maternal advice and knowledge about the practice of female reproductive health

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Girls: age 13-16 years; the occurrence of menarche; being single; living with parents; physical and mental health. Maternal: physical and mental health of mothers and no drugs. exclusion criteria: Girls: Marriage; Separation from parents; Transfer to another school. Mothers: Physical or mental illness; failure to attend training classes

Age

From **13 years** old to **16 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **120**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

Sampling will be done in the case of double stage clustering sampling. In the first stage, 8 schools from two district of educating of Hamadan(each district has consisted of Four schools) elected in the case of simple random sampling, in the second stage from every elected school with use of student`s lists and the table of random numerals from each degree elected 5 students randomly.

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics Committee of Hamadan University of Medical Sciences

Street address

Fahmih Street, Hamadan University of Medical Sciences

City

Hamadan

Postal code

65178

Approval date

2015-08-16, 1394/05/25

Ethics committee reference number

1394.255 IR.UMSHA.REC

Health conditions studied**1****Description of health condition studied**

Knowledge and adolescent reproductive health

ICD-10 code

z00.3

ICD-10 code description

Examination for adolescent development state Puberty development state

Primary outcomes**1****Description**

Awareness of reproductive health

Timepoint

Before and three months after intervention

Method of measurement

Adolescent Reproductive Health QuestionnaireWHO

2**Description**

Performance reproductive health

Timepoint

Before and three months after intervention

Method of measurement

Adolescent Reproductive Health Questionnaire WHO

Secondary outcomes**1****Description**

Counseling mothers

Timepoint

Before and three months after intervention

Method of measurement

Checklist

Intervention groups**1****Description**

The intervention group: Teaching the mothers in 4 sessions will take 60 minutes and the number of the participants in each session will be 10-12 person. They will receive thenecessary advice about different aspects of reproductive health. The content of consulting sessions consist of some information about genitali anatomy, fertility`s Physiology and menstration,menstruation hygiene and its complications, nutrition of adolescence period. The source of information is about reproductive health.

Category

Other

2**Description**

The control group will not be intervention

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Somaye govermental girlie school

Full name of responsible person

Fattahy Zainab

Street address

Rokni street

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor of Research Technology, Hamadan
University of Medical Sciences

Full name of responsible person

Dr. Bashirian Saeed

Street address

Fahmideh Street, Hamadan University of Medical
Sciences, Department of Research and Technology

City

Hamadan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor of Research Technology, Hamadan
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

Hamadan University of Medical Sciences

Full name of responsible person

Farzaneh Soltani

Position

PhD in Reproductive Health

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