# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

16 Sep 2026

## The effect of the behavioral intervention based on PRECEDE model on the sexual function in women after hysterectomy in Yasuj public hospitals, 1392

## Protocol summary


**Summary**

This study aimed at determining the effect of an educational program based on PRECEDE model to improve sexual function in women with hysterectomy. In this randomized clinical trial, 48 married women who had been had hysterectomy at least two months before the study, were selected through convenience sampling and randomly divided into two equal groups as intervention and control. Inclusion criteria were: voluntary participation in the study; signing written consent; at least 2 months after total abdominal hysterectomy; being married and monogamous; no known physical or mental illness;r long-term use of any drug; and not away from husband. Exclusion criteria were: immigration; oophorectomy; hormone therapy; hysterectomy due to malignancy. Before intervention needs assessment were done using a researcher-made questionnaire( in according to the constructs of the PRECEDE model including predisposing, reinforcing and enabling factors , and the Rosen Female Sexual Function Index was used to measure the sexual function. Educational intervention was conducted based on a needs assessment in according to the constructs of the PRECEDE model in 5 sessions. Then both questionnaires were completed again four weeks after intervention and predisposing, reinforcing and enabling factors and sexual function of the before and after interventions were compared.


## General information

**Acronym**

Predisposing, Reinforcing and Enabling Constructs in Educational Diagnosis and Evaluation

**IRCT registration information**

IRCT registration number: **IRCT2014122220401N1**
Registration date: **2015-01-06, 1393/10/16**
Registration timing: **retrospective**
Last update:
Update count: **0**

**Registration date**

2015-01-06, 1393/10/16

**Registrant information**


**Name**

Nazafarin Hosseini

**Name of organization / entity**

Yasuj University of Medical Sciences

**Country**

Iran (Islamic Republic of)

**Phone**

+98 74 3323 5144

**Email address**

hosseini.nazafarin@yums.ac.ir


**Recruitment status**

**Recruitment complete**


**Funding source**

Yasuj University of Medical Sciences


**Expected recruitment start date**

2014-01-21, 1392/11/01

**Expected recruitment end date**

2014-02-19, 1392/11/30

**Actual recruitment start date**

empty

**Actual recruitment end date**

empty

**Trial completion date**

empty

**Scientific title**

The effect of the behavioral intervention based on PRECEDE model on the sexual function in women after hysterectomy in Yasuj public hospitals, 1392

**Public title**

The effect of the behavioral intervention on the sexual

function in women after hysterectomy

**Purpose**

Supportive

**Inclusion/Exclusion criteria**

Inclusion criteria: voluntary participation in the study; signing written consent; at least 2 months after total abdominal hysterectomy; being married and monogamous; no known physical or mental illness; long-term use of any drug; and not away from husband due to Various reasons Exclusion criteria: immigration; oophorectomy; hormone therapy; hysterectomy due to malignancy

**Age**

No age limit

**Gender**

Female

**Phase**

N/A

**Groups that have been masked**

*No information*

**Sample size**

Target sample size: **46**

**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**

Yasuj University of Medical Sciences

**Street address**

Yasuj, near Imam Sajad Hospital, Yasuj University of Medical Sciences, third floor,School of Nursing and Midwifery

**City**

Yasuj

**Postal code**

94799-75919

**Approval date**

2013-12-22, 1392/10/01

**Ethics committee reference number**

92.12.25.9

## Health conditions studied

### 1

**Description of health condition studied**

sexual function in women with hystrectomy

**ICD-10 code**

N99.9

**ICD-10 code description**

Postprocedural disorder of genitourinary system, unspecified

## Primary outcomes

### 1

**Description**

sexual function in women after hysterectomy

**Timepoint**

before intevvention and 1 month after intervention

**Method of measurement**

Rosen Female Sexual Function Index

## Secondary outcomes

### 1

**Description**

need assessment( determining predisposing factors, enabling factors, reinforcement factors of sexual functiona

**Timepoint**

before intervention, 1 month after intervention

**Method of measurement**

researcher made need assessment questionnair in according to structures of PRECED model

## Intervention groups

### 1

**Description**

intervention group: provided educational program by a researcher in 5 sessions of 45-60 minutes once a week through speech, questions and answers, slideshow and practical training of skills based on a needs assessment and with an emphasis on predisposing, enabling and reinforcing constructs of the PRECEDE model

**Category**

Behavior

### 2

**Description**

The control intervention: no intervention

**Category**

N/A

## Recruitment centers

### 1

**Recruitment center**

**Name of recruitment center**

Imam Sasjad Hospital

**Full name of responsible person**

Dr Parvin Ghaffari

**Street address**

Yasuj- shahid Jalil street- Imam Sajad Hospital- second floor- Gynecology ward

**City**

Yasuj

## Sponsors / Funding sources

### 1

**Sponsor**

**Name of organization / entity**

Yasuj University of Medical Sciences, Deputy of research and technology

**Full name of responsible person**

Dr Mehdi Akbartabar

**Street address**

Yasuj- Shahid Motahary Boulevard- Central house of Yasuj University of Medical Sciences, deputy of Research and Technology Vice chancellor

**City**

Yasuj

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Yasuj University of Medical Sciences, Deputy of research and technology

**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**

Yasuj university of medical sciences

**Full name of responsible person**

Akram Amini

**Position**

Msc student nursing education

**Other areas of specialty/work**

**Street address**

Yasuj- Shahid Jalil street- Yasuj university of medical sciences- second floor- school of nursing and midwifery

**City**

Yasuj

**Postal code**

**Phone**

+98 74 3323 5144

**Fax**

**Email**

arezo.amini21@yahoo.com

**Web page address**

## Person responsible for scientific inquiries

**Contact**

**Name of organization / entity**

Yasuj Univercity of Medical Sciences

**Full name of responsible person**

Dr Nazafarin Hosseini

**Position**

PhD in Nursing

**Other areas of specialty/work**

**Street address**

Yasuj- Shahid Jalil Street- Yasuj Univercity of Medical Sciences, second floor- school of nursing and midwifery

**City**

Yasuj

**Postal code**

94799-75919

**Phone**

+98 74 3323 5144

**Fax**

+98 74 3323 4115

**Email**

hosseini.nazafarin@yums.ac.irhosseinichenar@yahoo.com

**Web page address**

## Person responsible for updating data

**Contact**

## 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*