

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

25 Jun 2026

### The Effectiveness of group training on transactional analysis on adaptation and self-esteem of women prisoners

#### Protocol summary

##### Study aim

Determining the Effectiveness of group training based on transactional analysis on adaptation and self-esteem of women prisoners

##### Design

In this study 84 female prisoners were selected and allocated to two groups of control and intervention randomly (42 in each group).

##### Settings and conduct

This study is conducted on the effectiveness of transactional analysis on the adaptability and self-esteem of female prisoners in the prison of female prison cell in Kerman. The researcher measures the impact of group training of transactional analysis on the adaptability and self-esteem of the female prisoners

##### Participants/Inclusion and exclusion criteria

The inclusion criteria included women who had passed at least 6 months of their imprisonment period, women whose imprisonment period did not end during the study course, and women with educational level of at least junior high school degree. The presence of psychological and physical disease which requires hospitalization.

##### Intervention groups

The TA training program was held in 8 sessions that lasted 90 minutes for the intervention group on a weekly basis. The educational intervention was presented by the first researcher and a psychologist through educational slides, lectures, group discussions, questions and answers, and the submission of thoughts. The control group received no educational program during this period

##### Main outcome variables

The degree of adaptability and self-esteem of female prisoners

#### General information

##### Reason for update

##### Acronym

#### IRCT registration information

IRCT registration number: **IRCT20170725035289N5**

Registration date: **2018-08-25, 1397/06/03**

Registration timing: **retrospective**

Last update: **2018-08-25, 1397/06/03**

Update count: **0**

#### Registration date

2018-08-25, 1397/06/03

#### Registrant information

##### Name

Sakineh Miri Boraee

##### Name of organization / entity

Kerman University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 34 3132 5119

##### Email address

s\_miri@kmu.ac.ir

#### Recruitment status

##### Recruitment complete

#### Funding source

Deputy of Research of Kerman University of Medical Sciences

#### Expected recruitment start date

2018-01-21, 1396/11/01

#### Expected recruitment end date

2018-02-20, 1396/12/01

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

The Effectiveness of group training on transactional

analysis on adaptation and self-esteem of women prisoners

#### Public title

The Effectiveness of group training on transactional analysis on adaptation and self-esteem of women prisoners

#### Purpose

Education/Guidance

#### Inclusion/Exclusion criteria

##### Inclusion criteria:

women with educational level of at least junior high school degree Women who had passed at least 6 months of their imprisonment period Women whose imprisonment period did not end during the study course

##### Exclusion criteria:

The presence of psychological and physical disease which requires hospitalization

#### Age

No age limit

#### Gender

Female

#### Phase

N/A

#### Groups that have been masked

No information

#### Sample size

Target sample size: 84

#### Randomization (investigator's opinion)

Randomized

#### Randomization description

In this study 84 female prisoners were selected and allocated to two groups of control and intervention randomly (42 in each group).

#### 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, Deputy of Research and Technology of Kerman University of Medical Sciences

###### Street address

Deputy of Research and Technology of Kerman University of Medical Sciences, Ebnesina st, Somayeh Crossroads, Kerman

###### City

Kerman

###### Province

Kerman

###### Postal code

7616913555

###### Approval date

2016-09-22, 1395/07/01

###### Ethics committee reference number

IR.KMU.REC.1395.1670

### Health conditions studied

#### 1

##### Description of health condition studied

Adaptation, self-esteem

##### ICD-10 code

##### ICD-10 code description

### Primary outcomes

#### 1

##### Description

Self-Esteem

##### Timepoint

Before the intervention and 1 month after the intervention

##### Method of measurement

Rosenberg's self-esteem scale (SES)

#### 2

##### Description

Adaptation

##### Timepoint

Before the intervention and 1 month after the intervention

##### Method of measurement

Bell Adjustment Inventory (BAI)

### Secondary outcomes

empty

### Intervention groups

#### 1

##### Description

The TA training program was held in 8 sessions that lasted 90 minutes for the intervention group on a weekly basis. The educational intervention was presented by the first researcher and a psychologist through educational slides, lectures, group discussions, questions and answers, and the submission of thoughts.

##### Category

Behavior

#### 2

##### Description

Control group: no action

##### Category

N/A

## Recruitment centers

1

### Recruitment center

**Name of recruitment center**

Prison in Kerman

**Full name of responsible person**

Sakineh Miri Boraee

**Street address**

Central Prison, Haft Bagh High Way, Kerman

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**Phone**

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s\_miri@kmu.ac.ir

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

Kerman University of Medical Sciences

**Full name of responsible person**

Dr. Abbas pardakhti

**Street address**

Deputy of Research and Technology of Kerman  
University of Medical Sciences, Ebnesina st, Somayeh  
Crossroads, Kerman

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abpardakhti@kmu.ac.ir

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Kerman University of Medical Sciences

**Proportion provided by this source**

100

**Public or private sector**

Public

**Domestic or foreign origin**

Domestic

**Category of foreign source of funding**

empty

**Country of origin**

**Type of organization providing the funding**

Academic

## Person responsible for general inquiries

### Contact

**Name of organization / entity**

Kerman University of Medical Sciences

**Full name of responsible person**

Sakineh Miri Boraee

**Position**

masters

**Latest degree**

Master

**Other areas of specialty/work**

Health Promotion

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Haft Bagh High Way, Nursing and Midwifery School,  
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## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Kerman University of Medical Sciences

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**Position**

master

**Latest degree**

Master

**Other areas of specialty/work**

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## Person responsible for updating data

### Contact

**Name of organization / entity**

Kerman University of Medical Sciences

**Full name of responsible person**

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Master

**Latest degree**

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**Web page address**

## Sharing plan

**Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

**Study Protocol**

Undecided - It is not yet known if there will be a plan to make this available

**Statistical Analysis Plan**

Undecided - It is not yet known if there will be a plan to make this available

**Informed Consent Form**

Undecided - It is not yet known if there will be a plan to make this available

**Clinical Study Report**

Undecided - It is not yet known if there will be a plan to make this available

**Analytic Code**

Not applicable

**Data Dictionary**

Not applicable