

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

29 Jun 2026

### The effectiveness of emotional intelligence training on academic motivation, academic performance and achievement motivation in high school students with academic failure

#### Protocol summary

##### Summary

The purpose of the current study is to determine the effectiveness of emotional intelligence training on academic motivation, academic performance and achievement motivation in high school students with academic failure. In this clinical trial study; the study sample included 40 female high school students. Participants select through Cluster sampling method (multistage). Participants sign a statement of informed consent informing them of their freedom to withdraw at any time. The experimental group receive eight sessions of Emotional intelligence training (base on Goleman's Emotional Intelligence theory) and control group receive no training. Before the training sessions start, the participants complete Bar-on emotional intelligence questionnaire, Pham and Taylor's academic performance Inventory, Herman's achievement motivation scale and Vallerand's academic motivation scale and at the end of the treatment, once again assess the experimental and the control groups. The inclusion criteria are having an academic failure in two semesters; Emotional Intelligence score is less than 90; Willingness to participate in emotional intelligence training sessions. The exclusion criteria are having any severe mental problem; at the same time, receiving psychiatric or psychotherapy treatments (participants should not receive psychological treatment or medication at least six months before research).

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2016082729549N1**

Registration date: **2016-11-16, 1395/08/26**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2016-11-16, 1395/08/26

##### Registrant information

###### Name

Samira Moradi

###### Name of organization / entity

Kermanshah University Of Medical Sciences

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Iran (Islamic Republic of)

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##### Recruitment status

###### Recruitment complete

##### Funding source

Kermanshah University of Medical Sciences

##### Expected recruitment start date

2016-04-03, 1395/01/15

##### Expected recruitment end date

2016-06-04, 1395/03/15

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The effectiveness of emotional intelligence training on academic motivation, academic performance and achievement motivation in high school students with academic failure

##### Public title

The effectiveness of emotional intelligence training on academic motivation, academic performance and achievement motivation

**Purpose**

Treatment

**Inclusion/Exclusion criteria**

The inclusion criteria: have an academic failure in two semesters; Emotional Intelligence score is less than 90; Willingness to participate in emotional intelligence training sessions. The exclusion criteria: Emotional Intelligence score is higher than 90; Have any severe mental problem; at the same time, receiving psychiatric or psychotherapy treatments (participants should not receive psychological treatment or medication at least six months before research).

**Age**

From **14 years** old to **18 years** old

**Gender**

Female

**Phase**

N/A

**Groups that have been masked**

*No information*

**Sample size**

Target sample size: **40**

**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 Kermanshah University of Medical Sciences

**Street address**

Kermanshah University Of Medical Science, Building "No."2, Shahid Beheshti "Blvd."

**City**

Kermanshah

**Postal code**

6714673159

**Approval date**

2016-09-28, 1395/07/07

**Ethics committee reference number**

KUMS.REC.1395.378

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

academic failure

**ICD-10 code**

Z55

**ICD-10 code description**

Problems related to education and literacy

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

Academic motivation

**Timepoint**

Before and after intervention

**Method of measurement**

Vallerand's academic motivation scale

**2****Description**

Academic Performance

**Timepoint**

Before and after intervention

**Method of measurement**

Pham and Taylor's academic performance Inventory

**3****Description**

Academic Achievement

**Timepoint**

Before and after intervention

**Method of measurement**

Herman's achievement motivation scale

**Secondary outcomes**

empty

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

For teaching this program eight teaching sessions of 90 minutes is required. This protocol is based on teaching four skills of emotional intelligence including the self-awareness, self-management, awareness of the emotions of others or social awareness and relationship management. The first two skills focus on the individual himself and the last two skills focus on contact with others.

**Category**

Behavior

2

**Description**

In the control group without action is

**Category**

N/A

**Recruitment centers**

1

**Recruitment center**

**Name of recruitment center**

Esteghlal High School

**Full name of responsible person**

**Street address**

The central square, Kermanshah

**City**

Kermanshah

**Sponsors / Funding sources**

1

**Sponsor**

**Name of organization / entity**

Vice chancellor for research, Kermanshah University of Medical Sciences

**Full name of responsible person**

Behroz Hamzei

**Street address**

Research and technology deputy, Shahid Beheshti "Blvd.", Kermanshah

**City**

Kermanshah

**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, Kermanshah 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**

Kermanshah University Of Medical Science

**Full name of responsible person**

Khirollah Sadeghi

**Position**

Assistant professor of clinical psychology

**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*