

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### The effectiveness of emotion-oriented cognitive behavioral therapy on emotional and behavioral problems of elementary school girl students with symptoms of emotional problems

#### Protocol summary

##### Study aim

Determining the effectiveness of (ECBT) therapy on emotional and behavioral problems of elementary school girl students with symptoms of emotional problems

##### Design

The clinical trial has control and experimental groups, with parallel groups, targeted selection, and with 30 statistical samples that were used to select the samples from the Toronto Children's Emotional Dysfunction Questionnaire.

##### Settings and conduct

This study was semi-experimental in terms of the nature of the study and the method of data collection in the school environment in zabol , and during 16 sessions of 60 minutes, the program testing group (ECBT) was trained.

##### Participants/Inclusion and exclusion criteria

Inclusion criteria of Female students who have the following: 1- Obtaining a score above 60 on the Toronto Children's Emotional Dysfunction Scale (AQC) 2-Being 7-12 years old Exclusion criteria:1- Lack of consent to continue participating in the meetings 2- The occurrence of unforeseen events

##### Intervention groups

In this plan, there is an experimental group and a control group, it is the independent variable (emotional cognitive behavioral therapy) and the dependent variable (emotional and behavioral problems).This intervention aims to investigate the effectiveness of emotion-oriented cognitive behavioral therapy or its side effects on emotional and behavioral problems. In this study, before starting the treatment, both research groups answer the Achenbach Children's Behavior Inventory. Then, the experimental group was trained in emotion-oriented cognitive behavioral therapy (ECBT) for 16 sessions of 60 minutes. In the control group, the independent variable is not applied.

#### Main outcome variables

This study shows that this treatment can be implemented individually and in groups in the school environment ; low mood; My symptoms are physical; Painful feelings are negative towards oneself and improve emotional control .

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20240922063112N1**

Registration date: **2024-10-06, 1403/07/15**

Registration timing: **retrospective**

Last update: **2024-10-06, 1403/07/15**

Update count: **0**

##### Registration date

2024-10-06, 1403/07/15

##### Registrant information

##### Name

Elham Sargolzaei

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 54 3223 5199

##### Email address

elhamsrg544@gmail.com

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2024-09-19, 1403/06/29

##### Expected recruitment end date

2024-09-22, 1403/07/01  
**Actual recruitment start date**  
2024-09-19, 1403/06/29  
**Actual recruitment end date**  
2024-09-22, 1403/07/01  
**Trial completion date**  
empty

**Scientific title**  
The effectiveness of emotion-oriented cognitive behavioral therapy on emotional and behavioral problems of elementary school girl students with symptoms of emotional problems

**Public title**  
The effectiveness of emotion-oriented cognitive behavioral therapy on emotional and behavioral problems

**Purpose**  
Treatment

**Inclusion/Exclusion criteria**  
**Inclusion criteria:**  
Score above 60 on the Toronto Children's Emotional Dysfunction Scale Having the age of 7 to 12 years  
Informed consent to participate in meetings  
**Exclusion criteria:**  
Dissatisfaction to continue participating in meetings  
Unforeseen events (hospitalization, illness, etc.) Failure to participate in more than three treatment sessions

**Age**  
From **7 years** old to **12 years** old

**Gender**  
Female

**Phase**  
N/A

**Groups that have been masked**  
*No information*

**Sample size**  
Target sample size: **30**  
Actual sample size reached: **30**

**Randomization (investigator's opinion)**  
Not randomized

**Randomization description**

**Blinding (investigator's opinion)**  
Not blinded

**Blinding description**

**Placebo**  
Not used

**Assignment**  
Factorial

**Other design features**

## Secondary Ids

empty

## Ethics committees

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

Islamic Azad University - Zahedan Branch (Research Ethics Committee)  
**Street address**  
Daneshgah Blvd., Zahedan town  
**City**  
Zahedan  
**Province**  
Sistan-va-Balouchestan  
**Postal code**  
9861645337  
**Approval date**  
2024-09-14, 1403/06/24  
**Ethics committee reference number**  
IR.IAU.ZAH.REC.1403.048

## Health conditions studied

1  
**Description of health condition studied**  
Anxiety; depression; seclusion; physical complaints; social problems; thinking problems; attention problems; breaking the law; Aggressive behaviors  
**ICD-10 code**  
F38  
**ICD-10 code description**  
Other mood [affective] disorders

## Primary outcomes

1  
**Description**  
Score 8 factor of anxiety-depression, isolation-depression, physical complaints, physical problems, social problems, thinking problems, attention problems, ignoring rules, and aggressive behavior in the Achenbach test (CBCL).  
**Timepoint**  
1-2 and 3 months after starting treatment sessions  
**Method of measurement**  
Achenbach Child Behavior Inventory (CBCL)

## Secondary outcomes

empty

## Intervention groups

1  
**Description**  
Intervention group: Intervention group: This treatment program consists of 16 sessions designed to treat children and adolescents with emotional disorders in children. The training program consists of two parts: the first 8 sessions of the training part and the second 8 sessions of the training part (confrontation). Also, meetings are scheduled between the therapist and the parent (or one or more of the child's significant others) between therapy sessions. In the first part of the treatment, different emotions are introduced to the child,

which starts with the awareness of emotional reactions and leads to the recognition of specific anxiety reactions. The second part of the treatment is dedicated to the use and practice of the new skills acquired in situations that have been increasingly anxiety-provoking or situations that arouse other emotions. Treatment of the child's orientation towards the treatment, introducing the emotion of "joy". The second session: a session to help identify the child's feeling of anxiety and start identifying physical responses, introducing the use of the workbook for introducing the emotion "discomfort and sadness". The third session: an overview of the feeling of anxiety and physical clues and identifying the response. The child's physical actions, introducing the emotion of "anger". Fourth session: meeting with parents to provide more information about treatment for parents and to encourage their participation. The fifth session: introducing relaxation training, introducing the emotion of "pride and pride". The sixth session: introducing the role of anxious self-talk, introducing the feeling of "guilt". Problem for managing anxiety, introduction of "jealousy". Eighth session: Introduction of self-evaluation and self-rewarding for success in managing anxiety, review of skills and their formation in the 4-step plan "Worry". Session 9: Session with Parents in order to provide more information on treatment for parents and encourage their cooperation. The 10th session: practicing the 4-step model of the worried plan in less anxiety-provoking situations (FEAR) including F (n): fear and worry E (g): waiting for unfortunate events or trouble A (r, a) behaviors and thoughts Contributor, R (n): results and consequences. 11th session: continuing to practice the 4-step model in less anxiety-provoking situations, practicing coping with other mildly exciting experiences. 12th session: applying coping skills in the situation Imaginary and real things that cause moderate anxiety. Thirteenth session: Continuation of actual practice of the 4-step model in situations that evoke moderate levels of anxiety and other emotions. Fourteenth session: Application of the 4-step model in imaginary situations that evoke high levels of anxiety. Fifteenth session: Practicing coping skills in real situations that provoke high levels of anxiety and other emotions. The 16th session: Continuation of practicing coping skills in situations with high anxiety, a summary review of the treatment plan, post-test and saying goodbye to the participants.

**Category**

Treatment - Other

**Recruitment centers**

1

**Recruitment center**

**Name of recruitment center**

Yaganeh Girls' Primary School

**Full name of responsible person**

Elham sargolzaei

**Street address**

Taleghani St

**City**

Zabol

**Province**

Sistan-va-Balouchestan

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9861645337

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**Email**

elhamsrg544@gmail.com

**Sponsors / Funding sources**

1

**Sponsor**

**Name of organization / entity**

Islamic Azad University

**Full name of responsible person**

Shirin shahreki

**Street address**

Daneshgah Blvd

**City**

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**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Islamic Azad University

**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**

Islamic Azad University

**Full name of responsible person**

Elham sargolzaei

**Position**

student

**Latest degree**

Bachelor

**Other areas of specialty/work**

Medical Education

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**Contact**

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**Person responsible for updating data**

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**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**

Not applicable

**Informed Consent Form**

No - There is not a plan to make this available

**Clinical Study Report**

No - There is not a plan to make this available

**Analytic Code**

No - There is not a plan to make this available

**Data Dictionary**

Not applicable