

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

The Effectiveness of Time Perspective Therapy on Dark Tetrad Personality of mothers and Separation Anxiety Disorder among preschool Children

Protocol summary

Study aim

Determining the effectiveness of Time Perspective Therapy on Dark Tetrad Personality of mothers and Separation Anxiety Disorder among preschool children.

Design

A Factorial, randomized, not blinded, clinical trial with control group

Settings and conduct

After giving needful permissions from welfare bureau of Kazerun city, selected some of preschools randomly. called children's mothers who suspected to have separation anxiety disorder and they filled in the parent version of Children Symptom Inventory-4 (CSI-4).

Participants/Inclusion and exclusion criteria

Inclusion criteria included having preschool child, being literate and willingness and informed consent to participate in the research; The exclusion criteria included the occurrence of acute psychiatric disorder.

Intervention groups

Intervention group: Implement Time Perspective Therapy during Six sessions that include twice a week and every time for an hour. this treatment make balance between attitude toward past, present and future time. also mothers take information about some techniques of mindfulness. Control group: received no intervention just only the mothers take some information about Separation anxiety disorder in post-test level.

Main outcome variables

Dark tetrad personality; Separation anxiety disorder

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20190818044557N1**

Registration date: **2019-12-22, 1398/10/01**

Registration timing: **retrospective**

Last update: **2019-12-22, 1398/10/01**

Update count: **0**

Registration date

2019-12-22, 1398/10/01

Registrant information

Name

Parisa Ghasemizade

Name of organization / entity

Salman Farsi University of Kazerun

Country

Iran (Islamic Republic of)

Phone

+98 71 4221 4026

Email address

ghasemizade.p@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-12-22, 1397/10/01

Expected recruitment end date

2019-01-21, 1397/11/01

Actual recruitment start date

2018-12-22, 1397/10/01

Actual recruitment end date

2019-04-09, 1398/01/20

Trial completion date

2019-07-27, 1398/05/05

Scientific title

The Effectiveness of Time Perspective Therapy on Dark Tetrad Personality of mothers and Separation Anxiety Disorder among preschool Children

Public title

Effect of Time Perspective Therapy on Dark Tetrad Personality of mothers and Separation Anxiety Disorder among Children

Purpose

Education/Guidance

IR.IAU.KAU.REC.1398.059

Inclusion/Exclusion criteria

Inclusion criteria:

Having literacy to fill out the questionnaire

Exclusion criteria:

The presence of a psychological disorder

Age

From **5 years** old to **6 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **34**

Actual sample size reached: **32**

Randomization (investigator's opinion)

Randomized

Randomization description

Simple individual randomization with random number table that create one-digit column in the random number table, by the size of population, and then units are randomly selected. Finally, any number smaller than or equal to the size of the population was considered as the sample of choice. Also, by using sequentially numbered opaque sealed envelopes (SNOSE), according to the order of entry of eligible participants, one of the envelopes was opened sequentially and their assigned group was identified.

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 Islamic Azad University of Kazerun

Street address

No. 20 alley., Hazrati street

City

Kazerun

Province

Fars

Postal code

7315713413

Approval date

2019-07-31, 1398/05/09

Ethics committee reference number

Health conditions studied

1

Description of health condition studied

Separation Anxiety Disorder

ICD-10 code

F93.0

ICD-10 code description

Should be diagnosed when fear of separation constitutes the focus of the anxiety and when such anxiety first arose during the early years of childhood. It is differentiated from normal separation anxiety when it is of a degree (severity) that is statistic

Primary outcomes

1

Description

Dark Tetrad Personality

Timepoint

Measuring the Dark Tetrad personality of mothers at baseline and 42 and 72 days after Time Perspective Therapy

Method of measurement

dirty dozen scale and the Short Sadistic Impulse Scale

2

Description

separation anxiety disorder

Timepoint

Measuring the separation anxiety at baseline and 42 and 72 days after Time Perspective Therapy

Method of measurement

Disorders of Children Symptom Inventory-4

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Implement individual Time Perspective Therapy during Six sessions that include twice a week and every time for an hour. this treatment make balance between attitude toward past, present and future time. also mothers take information about some techniques of mindfulness.

Category

Behavior

2

Description

Control group: received no intervention just only the

mothers take some information about Separation anxiety disorder in post-test level.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

bureau welfare

Full name of responsible person

Gholam-Hossein Zarei

Street address

No. 20 alley., Hazrati street

City

Kazerun

Province

Fars

Postal code

7315713413

Phone

+98 71 4221 4026

Email

ghasemizade.p@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Salman Farsi Univercity of Kazerun

Full name of responsible person

Anushirvan Ghafaripur

Street address

No. 20 alley, Hazrati street

City

Kazerun

Province

Fars

Postal code

7315713413

Phone

+98 71 4221 4026

Email

ghasemizade.p@gmail.com

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Salman Farsi Univercity of Kazerun

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

Salman Farsi Univercity of Kazerun

Full name of responsible person

Parisa Ghasemizade

Position

Student

Latest degree

Bachelor

Other areas of specialty/work

Psychology

Street address

No. 20 alley, Hazrati Street

City

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Fars

Postal code

7315713413

Phone

+98 71 4221 4026

Email

Ghasemizade.p@gmail.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Salman Farsi Univercity of Kazerun

Full name of responsible person

Parisa Ghasemizade

Position

Student

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No. 20 Alley, Hazrati Street

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7315713413

Phone

+98 71 4221 4026

Fax

Email

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Person responsible for updating data

Contact

Name of organization / entity

Salman Farsi University of Kazerun

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Parisa Ghasemizade

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Street address

No. 20 Alley, Hazrati Street

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Province

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7315713413

Phone

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Fax**Email**

ghasemizade.p@gmail.com

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

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

No more information.

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

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

Not applicable

Data Dictionary

Not applicable