

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Compare of Effects of emotion regulation, acupuncture, TACS with ritalin on attention deficit disorder / hyperactivity

Protocol summary

Study aim

A Comparative Study on the Comparison of the Effectiveness of Acupuncture, excitement training, and TACS, and Methyl Fundit in the Treatment of Hyperactivity Disorder Symptoms.

Design

children will be randomly assigned to acupuncture, TACS, drugs, and excitement training. Before the intervention first of each questionnaire CSI (parent's form) CSI-4 test IVA (pre-test) is used after therapeutic intervention is carried out. After the intervention of any post-IVA comes in at the end, 30 patients pharmacological intervention (for 8 weeks) treatment protocol Ritalin: children under 30 kg the first week of morning, 1/4 tablet, noon 1/4 tablets, the second week until the eighth morning, 1/2 tablet, noon 1/2 tablets, 30 kg of the first week of morning, 1/4 tablet noon 1/4 tablets, the second week of the third morning, 1/2 tablet, noon 1/2 tablets, week, quarter to eight in the morning a tablet, noon a tablet, 0 3 interventional therapy ear acupuncture (8 weeks, every day two times, each time for each point a Minutes Medium equitability on glue ear (ear seed) on a five-point on auricle, Brain, Excitement, Prefrontal Cortex, Shen Men, and Tranquilizar given, 30 were under treatment intervention with TACS (8 weeks and weeks three days) in the treatment of alternating current to the anode and cathode supplant. Gets colon on the anode F3 (dorsolateral frontal left) pad small cathode (dorsolateral frontal right-F4 mini pad to lack of anodes C3 iPad mini cathode C4 mini pad to hyperactivity Impulsivity use It will be. 1-Stream is set to 1 mA. 2-Rise-Fall is set to 30 seconds. 3- Frequency is set to 10 Hz for lack of attention and 13 Hz for hyperactivity-impulsivity for 10-15 minutes.), And 0 3 for therapeutic intervention. Were compared (Therapeutic Therapy Training Course included: 8 sessions and each session was trained for one and half hours.

Settings and conduct

were randomly selected from patients referred to the

psychiatric clinic of children and adolescents after the diagnosis of psychiatry in children and adolescents.

Participants/Inclusion and exclusion criteria

Inclusion: children aged 12-8 years with ADHD exclusion: autism spectrum disorder-IQ<90

Intervention groups

to acupuncture, TACS, drugs, and excitement training

Main outcome variables

Use of other non-pharmacological and psychotherapy, such as acupuncture, TACS, and excitement training that have less-complicated to treat attention deficit disorder / hyperactivity. attention and concentration subscales include (Auditory Vigilance, auditory focus, auditory speed, visual vigilance, visual focus, visual speed, sustained attention auditory and sustained attention visual) and areas of inhibition subscales include (response control auditory prudence, response control auditory consistency, response control visual prudence, , response control visual consistency, response control visual stamina.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20150803023478N3**

Registration date: **2018-01-02, 1396/10/12**

Registration timing: **registered_while_recruiting**

Last update: **2018-01-02, 1396/10/12**

Update count: **0**

Registration date

2018-01-02, 1396/10/12

Registrant information

Name

Mohammadreza Mohammadi

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source**Expected recruitment start date**

2017-09-23, 1396/07/01

Expected recruitment end date

2019-03-21, 1398/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Compare of Effects of emotion regulation, acupuncture. TACS with retalin on attention deficit disorder / hyperactivity

Public title

Effects of emotion regulation, acupuncture. TACS with retalin on attention deficit disorder / hyperactivity

Purpose

Treatment

Inclusion/Exclusion criteria**Inclusion criteria:**

children aged 12-8 years with ADHD- IQ>90

Exclusion criteria:

autism spectrum disorder IQ<90

Age

From **8 years** old to **12 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **4**

Randomization (investigator's opinion)

Randomized

Randomization description

simple : 120 children aged 12-8 years with ADHD were randomly selected from patients referred to the psychiatric clinic of children and adolescents after the diagnosis of psychiatry in children and adolescents. This people have been randomly assigned to draw lots in four groups with code. children will be randomly assigned to acupuncture, TACS, drugs, and excitement training.

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 Tehran University of Medical Sciences

Street address

Enghelab Square, south kargar Avenue, Roozbeh Hospital, psychiatry Research center

City

Tehran

Province

Tehran

Postal code

1333715914

Approval date

2017-11-26, 1396/09/05

Ethics committee reference number

IR.TUMS.VCR.REC.1396.4105

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

attention deficit disorder / hyperactivity

ICD-10 code

F90.2

ICD-10 code description

Attention-deficit hyperactivity disorder, combined type

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

attention, their impulsivity, and their active involvement

Timepoint

Before and after intervention

Method of measurement

questionnaire CSI (parent's form) CSI-4 test IVA

Secondary outcomes

empty

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

Intervention group: pharmacological intervention (for 8

weeks) treatment protocol Ritalin: children under 30 kg the first week of morning, 1/4 tablet, noon 1/4 tablets, the second week until the eighth morning, 1/2 tablet, noon 1/2 tablets, 30 kg of the first week of morning, 1/4 tablet noon 1/4 tablets, the second week of the third morning, 1/2 tablet, noon 1/2 tablets, week, quarter to eight in the morning a tablet, noon a tablet

Category

Treatment - Drugs

2

Description

Intervention group: interventional therapy ear acupuncture (8 weeks, every day two times, each time for each point a Minutes Medium equitability on glue ear (ear seed) on a five-point on auricle, Brain, Excitement, Prefrontal Cortex, Shen Men, and Tranquilizer given

Category

Treatment - Other

3

Description

Intervention group: 30 were under treatment intervention with TACS (8 weeks and weeks three days) in the treatment of alternating current to the anode and cathode supplant. Gets colon on the anode F3 (dorsolateral frontal left) pad small cathode (dorsolateral frontal right-F4 mini pad to lack of anodes C3 iPad mini cathode C4 mini pad to hyperactivity Impulsivity use It will be. 1-Stream is set to 1 mA. 2-Rise-Fall is set to 30 seconds. 3- Frequency is set to 10 Hz for lack of attention and 13 Hz for hyperactivity-impulsivity for 10-15 minutes

Category

Treatment - Other

4

Description

Intervention group: Therapeutic Therapy Training Course included: 8 sessions and each session was trained for one and half hours

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Ruzbeh hospital

Full name of responsible person

Farideh farrokhzadi

Street address

Enghelab Square.South Kargar Avenue -Ruzbeh hospital

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Tehran

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1333795914

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PPRCT@TUMS.AC.IR

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Psychiatry and psychology research center

Full name of responsible person

Dr. mohammadreza Mohammadi

Street address

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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

Psychiatry and psychology research center

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

Gorgan University of Medical Sciences

Full name of responsible person

Farideh farrokhzadi

Position

Student

Latest degree

Ph.D.

Other areas of specialty/work

Neurology

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Mohammadreza Mohammadi

Position

Professor

Latest degree

Master

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

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Full name of responsible person

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Employee

Latest degree

Bachelor

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Physiology

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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

Because of the ethical issues, individual data is not identifiable.

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

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

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

Data Dictionary

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