

Clinical Trial Protocol

Iranian Registry of Clinical Trials

21 Jul 2026

The Effectiveness of Psycho-Rehabilitation (Dohsa-hou) on Quality of sleep of Boys (aged 4-12) with Cerebral Palsy

Protocol summary

Summary

Present study is a randomized clinical trial which will be conducted in order to evaluate the effectiveness of psychiatric rehabilitation (Dosaho) on sleep quality of 4 to 12 years old children with cerebral palsy. The population of the study is all children with cerebral palsy in Yazd who will be chosen using convenience sampling method and according to the inclusion criteria, suffering from cerebral palsy and age range of 4 to 12, 30 male patients will be assigned randomly into experimental and control groups. Before the treatments the children's parents will consciously fill out the sleep quality questionnaire and at the end of the treatment, in the post-test phase, this assessment will be done again. The treatment duration is 12 sessions, held 3 sessions a week and each session is 50 minutes. The intervention will consist of 12 sessions of 50-minute psychological rehabilitation program using Dosaho method for patients with cerebral palsy which was designed and taught in Japan by Professor Naroseh. The program consists of psychological and hysiological parts which are taught by the therapist.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016012026120N1**

Registration date: **2016-04-03, 1395/01/15**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-04-03, 1395/01/15

Registrant information

Name

zahed kanani

Name of organization / entity

University of Social Welfare and Rehabilitation sciences

Country

Iran (Islamic Republic of)

Phone

+98 919 702 7789

Email address

ramtinkanani@yahoo.com

Recruitment status

Recruitment complete

Funding source

University of Social Welfare and Rehabilitation Sciences

Expected recruitment start date

2014-01-25, 1392/11/05

Expected recruitment end date

2014-03-11, 1392/12/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effectiveness of Psycho-Rehabilitation (Dohsa-hou) on Quality of sleep of Boys (aged 4-12) with Cerebral Palsy

Public title

The Effectiveness of Psycho-Rehabilitation (Dohsa-hou) on Quality of sleep of Boys (aged 4-12) with Cerebral Palsy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: suffering from cerebral palsy diagnosed by a specialist, age range of 4 to 12. Exclusion criteria: severe mental disorder; a change in medicine, like

anticonvulsants and sedatives, in the last one month which may affect sleep; suffering from other chronic disorders or sensory disorders which may interrupt participating in the program; and more than 2 absents in the treatment program.

Age

From **4 years** old to **12 years** old

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **30**

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

Tehran University of Social Welfare and Rehabilitation Science

Street address

Kodakyar Street, Daneshjoo Boulevard, Evin, Tehran

City

Tehran

Postal code

Approval date

2013-12-22, 1392/10/01

Ethics committee reference number

92/10/17

2

Ethics committee

Name of ethics committee

Tehran University of Social Welfare and Rehabilitation Science

Street address

Kodakyar Street, Daneshjoo Boulevard, Evin, Tehran

City

Tehran

Postal code

Approval date

2013-12-22, 1392/10/01

Ethics committee reference number

2014/1/7

Health conditions studied

1

Description of health condition studied

Cerebral Palsy

ICD-10 code

G80

ICD-10 code description

Cerebral palsy

Primary outcomes

1

Description

Quality of Sleep

Timepoint

Before and 2 months after the intervention

Method of measurement

Quality of Sleep Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group 1: The intervention will consist of 12 sessions of 50-minute psychological rehabilitation program by Dosah method for patients with cerebral palsy which is designed in Japan by Professor Naroseh will be taught. The program consists of two parts of psychological and physiological which are taught by the therapist.

Category

Treatment - Other

2

Description

Control group: No intervention

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Tehran University of Social Welfare and Rehabilitation Sciences

Full name of responsible person

Zahed Kanani

Street address

Koodakyar Avenue, Daneshjoo Blvd, Evin, Tehran

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Tehran

2

Recruitment center

Name of recruitment center
Training Center Haj Ahmed zarrabi

Full name of responsible person
Zahed Kanani

Street address
Montazer Qa'em Blvd, Above Mahtab Street

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Yazd

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
University Of Social Welfare and Rehabilitation Sciences

Full name of responsible person
Dr. Asghar Dadkhah

Street address
Koodakyar Avenue, Daneshjoo Blvd, Evin, Tehran

City
Tehran

Grant name

Grant code / Reference number

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

Title of funding source
University Of Social Welfare and Rehabilitation 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
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Full name of responsible person
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Position
Master Science of Psychology and Education of Exceptional Children

Other areas of specialty/work

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Person responsible for scientific inquiries

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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