

Clinical Trial Protocol

Iranian Registry of Clinical Trials

21 Jul 2026

Investigation about the impact of mothers'education on the continuity of children's occupational therapy with physical-motor disabilities

Protocol summary

Summary

The purpose of this study is to investigate the impact of mothers'education on the continuity of occupational therapy in children with physical-motor disabilities. The study population consisted of all children with developmental delay,that occupational therapy on child based on clinical judgment of sub-specialist pediatric neurology is a pediatric neurologist's diagnosis was essential for choosing this study population.The parents who announced cooperation were interviewed and the mothers were then allowed to participate in the study and later,were randomly divided into two groups.Not following the instructed treatment,the mothers were dismissed from the study.Eighty children with physical-motor disabilities were divided into two equal groups.Within the space of six months,occupational therapists pursue the process of the program regarding the mothers attending therapy sessions and the children's performing therapy exercises at home on a regular basis.The study endeavors to reveal the impact of educating mothers about occupational therapy and it's effect on the disabled children's improvement even before the beginning of the rehabilitation program.This study also identifies the factors and the barriers resulting in mother's not following the therapy instructions.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016120631264N1**

Registration date: **2016-12-30, 1395/10/10**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-12-30, 1395/10/10

Registrant information

Name

Vali Zare

Name of organization / entity

Ahvaz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

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Email address

vzareot@gmail.com

Recruitment status

Recruitment complete

Funding source

Ahvaz University of Medical Sciences

Expected recruitment start date

2016-04-20, 1395/02/01

Expected recruitment end date

2016-10-21, 1395/07/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigation about the impact of mothers'education on the continuity of children's occupational therapy with physical-motor disabilities

Public title

The impact of mothers'education on the continuity of children's occupational therapy with physical-motor disabilities

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria for project:the child has a development delay;perform occupational therapy on him/her be

necessary;Parents of children have no mental retardation. Exclusion criteria for project:do not follow the treatment,not be resident of Ahvaz.

Age

From **1 month** old to **11 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **80**

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

Ahvaz University of Medical Sciences

Street address

City University Department of Development Research and Technology University of Ahvaz University of Medical Sciences

City

Ahvaz

Postal code

Approval date

2016-11-19, 1395/08/29

Ethics committee reference number

IR.AJUMS.REC.1395.496

Health conditions studied

1

Description of health condition studied

Diseases of the nervous system

ICD-10 code

G80

ICD-10 code description

Cerebral palsy

2

Description of health condition studied

Diseases of the nervous system

ICD-10 code

G81

ICD-10 code description

Hemiplegia

3

Description of health condition studied

Diseases of the nervous system

ICD-10 code

G82

ICD-10 code description

Paraplegia and tetraplegia

4

Description of health condition studied

Diseases of the nervous system

ICD-10 code

G83

ICD-10 code description

Other paralytic syndromes

Primary outcomes

1

Description

Increase nubemer of mothers' visits in order to follow up children's therapy

Timepoint

6 month

Method of measurement

Observation, clinical examination and questionnaire

2

Description

Increase regularly visists of children in occupational therapy

Timepoint

6 month

Method of measurement

Observation, clinical examination and questionnaire

3

Description

Doing regualr therapeutic exercises by mothers at home

Timepoint

6 month

Method of measurement

Observation, clinical examination and questionnaire

Secondary outcomes

1

Description

Using early motor intervention and educating mothers in order to improve motor function of their children and compliance family with children having physical-mobility impairment

Timepoint

6 months

Method of measurement

observation, clinical examination and questionnaire

Intervention groups

1

Description

In the intervention group, occupational therapy and mothers 'education sessions consists of twenty-five minutes for occupational therapy usual exercises and twenty minutes for training and how to practice with children during six months ,carried out.

Category

Rehabilitation

2

Description

In the control group,for six months only usual exercises for occupational therapy have been done.

Category

Rehabilitation

Recruitment centers

1

Recruitment center**Name of recruitment center**

Occupational Therapy Beautiful Mind Ahvaz

Full name of responsible person

Vali Zare

Street address

West 13 Medical Complex Ideal Kianpars

City

Ahvaz

Sponsors / Funding sources

1

Sponsor**Name of organization / entity**

Ahvaz University of Medical Sciences

Full name of responsible person

Majid Ravanbakhsh

Street address

Ahvaz University of Medical Sciences

City

Ahvaz

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Ahvaz 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**

Ahvaz University of Medical Sciences

Full name of responsible person

Shahin Goharpey

Position

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Web page address**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