

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

The efficacy of Cognitive- Remediation Therapy on symptoms and function improvement in Patients with Schizophrenia

Protocol summary

Summary

This research investigates the efficacy of group cognitive remediation therapy on decreasing symptoms and improvement of functions in patients with schizophrenia. In a Randomized Clinical Trial, 40 patients who were hospitalized in Razi educational psychiatric treatment center with diagnosis of schizophrenia randomized in 2 groups with 20 patients. The first group received medication and cognitive remediation therapy, 2 sessions in a week for 16 sessions and control group received only medication. Positive and negative symptoms, behavioral and cognitive functions evaluated and compared 3 times, before treatment (pre-test), at the middle of the treatment (session 8), and after the treatment (post-test) by the research tools.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138901282511N5**

Registration date: **2010-04-17, 1389/01/28**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-04-17, 1389/01/28

Registrant information

Name

Neda Ali Beigi

Name of organization / entity

University of social welfare and rehabilitation

Country

Iran (Islamic Republic of)

Phone

+98 21 8876 1317

Email address

nedapsych@uswr.ac.ir

Recruitment status

Recruitment complete

Funding source

University of Social Welfare and Rehabilitation

Expected recruitment start date

2008-12-21, 1387/10/01

Expected recruitment end date

2009-05-24, 1388/03/03

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The efficacy of Cognitive- Remediation Therapy on symptoms and function improvement in Patients with Schizophrenia

Public title

The efficacy of Cognitive- Remediation Therapy on symptoms and function improvement in Patients with Schizophrenia

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Having a certain diagnosis of schizophrenia according to both DSMIV- TR criteria and psychiatrist diagnosis and SCID structured interview confirm the diagnosis, age 25 to 50 years, having persistent symptoms for at least 1 year despite adequate trials of antipsychotic medication, education level of at least grade 5 Exclusion criteria: Having brain injury, dementia, or any specific neurological disorder which need special care, not being in acute phase, having evidences for serious side effects of any antipsychotic drugs which leads to specific treatment other than

treatment as usual, current abuse or poisoning or withdrawal of drugs (using cigarette as usual is not criteria for exclusion), receiving ECT for at least 6 months prior to or during the therapy

Age

From **25 years** old to **50 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

University of Social Welfare and Rehabilitation

Street address

University of Social Welfare and Rehabilitation
Kodakyar. daneshjoo. blv. Evin. Tehran

City

Tehran

Postal code

1566969611

Approval date

2008-08-10, 1387/05/20

Ethics committee reference number

801-200

Health conditions studied

1

Description of health condition studied

Schizophrenia

ICD-10 code

F20

ICD-10 code description

Schizophrenia

Primary outcomes

1

Description

Negative symptoms

Timepoint

before treatment- session8- after treatment

Method of measurement

Negative symptoms scale (SANS)

2

Description

Positive symptoms

Timepoint

before treatment- session8- after treatment

Method of measurement

Positive symptoms scale (SAPS)

3

Description

Behavioral function

Timepoint

Before treatment- session 8- After treatment

Method of measurement

Behavioral function scale (NOSIE)

4

Description

Cognitive function

Timepoint

Before treatment- session 8- After treatment

Method of measurement

Cognistat (NCSE)

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Cognitive remediation therapy, 16 sessions which last 45 minutes, 2 session in a week. Each session had a defined structure. Therapists were 5 experienced and trained psychologists trained for cognitive remediation therapy by resresearcher.

Category

Rehabilitation

2

Description

Control group: no intervention

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Razi psychiatric hospital

Full name of responsible person

Neda Ali beigi

Street address

Amin abad- shahr-e -rey

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

University of Social Welfare and Rehabilitation

Full name of responsible person

Neda Ali beigi

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Clinical psychology department, Kodakyar. daneshjoo.
Bld., Evin, Tehran

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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

University of Social Welfare and Rehabilitation

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

University of Social Welfare and Rehabilitation

Full name of responsible person

Neda Ali beigi

Position

Ph. D in clinical psychology

Other areas of specialty/work

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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