Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Preliminary study of the effect of cognitive rehabilitation in improvement of cognitive function in patients with schizophrenia

Protocol summary

Summary

Objective: to study the effects of cognitive rehabilitation in improvement of cognitive function in patients with schizophrenia. Methods: For 20 subjects with schizophrenia that are admitted in Roozbeh Hospital, cognitive remediation will be performed in 10 sessions with Cogpack that contains tasks for improvement of attention and memory. Attention , memory and executive function will be assessed before & after rehabilitation by Cambridge Neuropsychological Test Automated Battery (CANTAB) software.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012090810782N1**
Registration date: **2012-09-29, 1391/07/08**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2012-09-29, 1391/07/08

Registrant information

Name
Vandad Sharifi
Name of organization / entity
Tehran University of Medical sciences
Country
Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source
Vice Chancellor for Research, Tehran University of Medical Sciences

Expected recruitment start date

2012-04-03, 1391/01/15

Expected recruitment end date

2012-11-05, 1391/08/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Preliminary study of the effect of cognitive rehabilitation in improvement of cognitive function in patients with schizophrenia

Public title

Effect of cognitive rehabilitation in schizophrenia

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 18-55 years old; schizophrenia; residing in Tehran; stable mental state; (PANSS <50) or (CGI < 4); normal IQ; education level > 8years; stable treatment regime Exclusion criteria: Addiction; having significant neurologic disorder; positive history of head trauma

Age

From **18 years** old to **55 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **20**

Randomization (investigator's opinion)
N/A
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committeee of TUMS Vice Chancellor for Reaserch
Street address
Ghods-Keshavarz Blvd Crossroad
City
Tehran
Postal code
Approval date
2012-09-10, 1391/06/20
Ethics committee reference number
18217

Health conditions studied

1

Description of health condition studied
Schizophrenia
ICD-10 code
F20
ICD-10 code description
Schizophrenia

Primary outcomes

1

Description
Executive function
Timepoint
First session & after 10 sessions of intervention
Method of measurement
Cambridge Neuropsychological Test Automated Battery (CANTAB)

2

Description
Attention
Timepoint
First session & after 10 sessions of intervention
Method of measurement
Cambridge Neuropsychological Test Automated Battery (CANTAB)

3

Description
Memory
Timepoint
First session & after 10 sessions of intervention
Method of measurement
Cambridge Neuropsychological Test Automated Battery (CANTAB)

Secondary outcomes

empty

Intervention groups

1

Description
Cognitive rehabilitation by Cogpack that includes 10 sessions of rehabilitation (2-3 per week)
Category
Rehabilitation

Recruitment centers

1

Recruitment center
Name of recruitment center
Roozbeh Hospital
Full name of responsible person
Azadeh Sedighnia.MD
Street address
City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Tehran University of Medical Sciences Vice Chancellor for Research
Full name of responsible person
Ms. Moamaee
Street address
Ghods-Keshavarz Blvd Crossroad
City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source

Tehran University of Medical Sciences Vice Chancellor for Research

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
Roozbeh Hospital

Full name of responsible person
Azadeh Sedighnia

Position
Resident of Psychiatry

Other areas of specialty/work

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Associate Professor of Psychiatry

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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