

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

27 Jun 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)

###### Phone

+98 21 5541 2222

###### Email address

vsharifi@sina.tums.ac.ir

##### 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 committee of TUMS Vice Chancellor for Research

**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 &amp; after 10 sessions of intervention

**Method of measurement**

Cambridge Neuropsychological Test Automated Battery (CANTAB)

**2****Description**

Attention

**Timepoint**

First session &amp; after 10 sessions of intervention

**Method of measurement**

Cambridge Neuropsychological Test Automated Battery (CANTAB)

**3****Description**

Memory

**Timepoint**

First session &amp; 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**

Roazbeh 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**

**Street address**

Roozbeh Hospital, South Kargar Ave

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**Phone**

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**Person responsible for scientific inquiries**

**Contact**

**Name of organization / entity**

Roozbeh Hospital

**Full name of responsible person**

Vandad Sharifi

**Position**

Associate Professor of Psychiatry

**Other areas of specialty/work**

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**Email**

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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*