Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

The efficacy of constraint language therapy on recovery of Speech & Language deficits in aphasic patients

Protocol summary

Summary

The present study will investigate the effect of intensive treatment on language skills. Patients consist of aphasia patients with at least one year post-stroke and able to produce one word. In terms of the study design (single-subject), and type of intervention, 2 patients will be entered to treatment for 9 weeks. In the first three weeks without treatment, and after every treatment week (from fourth week to seventh week), Persian Aphasia Test will be tested. Eighth and ninth week will be considered as follow up of effect of treatment. Patients will get treatment from fourth to seventh week, three days per week and for 150 minutes every day and totally 30 hours during the study. Treatment materials include 60 paired black and white pictures that patients should ask each together verbally only. Treatment activity is performed in a group consist 2 patients as well as one clinician.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201107317168N1**
Registration date: **2015-03-25, 1394/01/05**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2015-03-25, 1394/01/05

Registrant information

Name
Ahmad Reza Khatoonabadi
Name of organization / entity
Tehran University of Medical Sciences
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Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source
Tehran University of Medical Sciences

Expected recruitment start date

2014-11-22, 1393/09/01

Expected recruitment end date

2015-04-20, 1394/01/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The efficacy of constraint language therapy on recovery of Speech & Language deficits in aphasic patients

Public title

The treatment of speech and language disorders in patients with aphasia

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: post-stroke>1 year, right handed, age<65, ability to produce single-word at least, normal or corrected to normal of vision and hearing, Exclusion criteria: more than once stroke, brain injury,

Age

From **18 years** old to **65 years** old

Gender

Both

Phase

N/A

Groups that have been masked
No information
Sample size
Target sample size: **2**
Randomization (investigator's opinion)
N/A
Randomization description
Blinding (investigator's opinion)
Single blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Tehran University of Medical Sciences
Street address
Tehran-School of rehabilitation
City
Tehran
Postal code
-
Approval date
2014-08-19, 1393/05/28
Ethics committee reference number
92-03-32-24427

Health conditions studied

1

Description of health condition studied
Aphasia
ICD-10 code
R47.8
ICD-10 code description
Other and unspecified speech disturbances

Primary outcomes

1

Description
comprehension
Timepoint
pre-post- test
Method of measurement
test

2

Description
speaking
Timepoint
pre-post test
Method of measurement
test

3

Description
repetition
Timepoint
pre-post test
Method of measurement
test

Secondary outcomes

1

Description
speaking
Timepoint
two weeks aftr enterance-one month after enterance
Method of measurement
test

2

Description
repetition
Timepoint
two weeks aftr enterance-one month after enterance
Method of measurement
test

Intervention groups

1

Description
Constraint language therapy-30 hours-three sessions per week
Category
Rehabilitation

Recruitment centers

1

Recruitment center
Name of recruitment center
Speech Therapy Clinic of Tehran university of Medical sciences
Full name of responsible person
Street address
City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Tehran University of Medical Sciences
Full name of responsible person
khatoonabadi
Street address
Enghelab st., piche shemiran, school of rehabilitation
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
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

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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