

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### The Investigation of the Multi Modal Therapy on Communication skills in chronic Aphasic Patients

#### Protocol summary

##### Summary

This study purpose is to explore a multi modal communication program for chronic aphasia patients. The multi modal communication program aims to improve communication modality production, and to facilitate switching among modalities to resolve communication breakdowns. Two patients with chronic aphasia participate multi modal communication program. During 3 weeks we delivered 9 hours treatment. outcome measures complete before(3 weeks), during (3 weeks) and after intervention(3 weeks): Modality production and switching accuracy are evaluation. In this study don't use drug. Inclusion criteria: Aphasia due to stroke; minimum 1 year after stroke; Health or corrected vision and hearing ability; right handed; between 40 until 65 years old. Exclusion criteria: history of drug abuse in 6 month past; psychotic drug abuse; recurrent stroke

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2016032325194N3**

Registration date: **2016-08-19, 1395/05/29**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2016-08-19, 1395/05/29

##### Registrant information

##### Name

Shohre Kaviani Tehrani

##### Name of organization / entity

Semnan University Of Medical Science

##### Country

Iran (Islamic Republic of)

##### Phone

+98 23 3365 4180

##### Email address

kaviani@semums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Vice chancellor for research, Semnan University of Medical Sciences

##### Expected recruitment start date

2016-07-05, 1395/04/15

##### Expected recruitment end date

2016-08-05, 1395/05/15

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The Investigation of the Multi Modal Therapy on Communication skills in chronic Aphasic Patients

##### Public title

The effects of speech therapy on speech and language disorder due to Stroke

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Inclusion criteria: Aphasia due to stroke; minimum 1 year after stroke; Health or corrected vision and hearing ability; right handed; between 40 until 65 years old  
Exclusion criteria: history of drug abuse in 6 month past; psychotic drug abuse; recurrent stroke

##### Age

From **39 years** old to **64 years** old

##### Gender

Both

**Phase**

2

**Groups that have been masked***No information***Sample size**

Target sample size:

**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 Semnan University of Medical Sciences

**Street address**

Semnan University Of Medical Science, Damghan Road, Semnan

**City**

Semnan

**Postal code**

3519899951

**Approval date**

2016-06-22, 1395/04/02

**Ethics committee reference number**

IRSEMUMS.REC.1395.54

**Health conditions studied****1****Description of health condition studied**

Aphasia due to Cerebro Vascular Accident

**ICD-10 code**

I660

**ICD-10 code description**

Occlusion and stenosis of middle cerebral artery

**Primary outcomes****1****Description**

Communication modality production and to switching among modalities

**Timepoint**

3 times before intervention, 3 times during intervention,

3 times after intervention

**Method of measurement**

Questionnaire, The Persian Aphasia Naming test

**Secondary outcomes**

empty

**Intervention groups****1****Description**

we use multi modal communication program for chronic aphasia patients. this intervention complete during 3 weeks, each week 3 session and 60 min per session. In this program we use gesture, writing, drawing, communication board and verbal output.

**Category**

Rehabilitation

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Neuromuscular Rehabilitation Research Center, Rehabilitation Faculty Semnan University Of Medical

**Full name of responsible person**

Shohre Kaviani Tehrani

**Street address****City**

Semnan

**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Vice chancellor for research, Semnan University Of Medical Science

**Full name of responsible person**

Dr rashidi poor

**Street address**

Semnan University Of Medical Science, Damghan Road, Semnan

**City**

Semnan

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

Yes

**Title of funding source**

Vice chancellor for research, Semnan University Of Medical Science

**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**

Neuromuscular Rehabilitation Research Center,  
Rehabilitation Faculty, Semnan University Of Medical  
Sc

**Full name of responsible person**

Shohre Kaviani Tehrani

**Position**

Master Of Speech &amp; Language Pathologist

**Other areas of specialty/work****Street address**

Semnan University Of medical Science, Damghan  
road, Semnan

**City**

Semnan

**Postal code****Phone**

+98 23 3365 4180

**Fax****Email**

Shohrekaviani@gmail.com

**Web page address**

Semnan

**Postal code****Phone**

+98 23 3365 4180

**Fax****Email**

Shohrekaviani@gmail.com

**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

Neuromuscular Rehabilitation Research Center,  
Rehabilitation faculty, Semnan university Of medical  
S

**Full name of responsible person**

Shohre Kaviani Tehrani

**Position**

Master Of Speech &amp; Language Pathologist

**Other areas of specialty/work****Street address**

Semnan University Of Medical Science, Damghan  
Road, Semnan

**City**

Semnan

**Postal code****Phone**

+98 23 3365 4180

**Fax****Email**

Shohrekaviani@gmail.com

**Web page address****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Neuromuscular Rehabilitation Research Center,  
Rehabilitation Faculty, Semnan University Of Medical  
S

**Full name of responsible person**

Shohre Kaviani Tehrani

**Position**

Master Of Speech &amp; Language Pathology

**Other areas of specialty/work****Street address**

Semnan University Of Medical Science, Damghan  
Road, Semnan

**City****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*