Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

The effect of onset time of traditional swallowing therapy(TST) exercises on recovery from OroPharyngeal Dysphagia(OPD) in stroke patients

Protocol summary

Summary

The present study was designed to examine, effect of onset time of traditional swallowing therapy, on recovery of Dysphagia in stroke patients. Participants in this study are all stroke patients that are screened for swallowing problems by speech-language pathologist. Thirty patients showing signs of Dysphagia (Aspiration, oral & pharyngeal stage disorders) are included in this study, and then we do a videofluoroscopy for all patients. These patients on base of onset time of swallowing therapy are divided in three groups: One Immediately after stable medical state, second two weeks post Stroke, and 3rd group to begin at one month post stroke. These three groups have same range of age(40-70) and severity of swallowing disorders. The number of sessions and the duration of sessions should certainly be standardized across all patients (one hour therapy sessions three times a week for two months), after two month swallowing function in all of patients is examined clinical and videofluoroscopy again.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013072514161N1**
Registration date: **2013-09-07, 1392/06/16**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2013-09-07, 1392/06/16

Registrant information

Name

Jalal Bakhtiyari

Name of organization / entity

Tehran University of Medica Sciences

Country

Iran (Islamic Republic of)

Phone

+98 23 3365 4180

Email address

jbakhtiyari@razi.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Scirnces

Expected recruitment start date

2013-09-06, 1392/06/15

Expected recruitment end date

2014-03-20, 1392/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of onset time of traditional swallowing therapy(TST) exercises on recovery from OroPharyngeal Dysphagia(OPD) in stroke patients

Public title

The effect of onset time of swallowing therapy exercises on recovery from Dysphagia in stroke patients

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria : stroke , dysphagia,ability of auditory comprehension no Exclusion criteria:more than 70 years old, history of neurological disease affecting swallowing function and history of Chronic pneumonia, The next stroke during the study.

Age

From **40 years** old to **70 years** old

Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **30**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Single blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Tehran University Medical Sciences
Street address
Sixth Floor,Central bulding of Tehran University Medical Sciences,Ghods Ave,Keshvarz Blvd.
City
Tehran
Postal code
Approval date
2013-07-14, 1392/04/23
Ethics committee reference number
655/130/92/د

2

Ethics committee
Name of ethics committee
Tehran University Medical Sciences
Street address
The Sixth Floor,Cental Bulding of Tehran University Medical Sciences,Ghods Ave, Keshvarz Blvd
City
Tehran
Postal code
Approval date
2013-07-14, 1392/04/23
Ethics committee reference number
655/130/92/د

Health conditions studied

1

Description of health condition studied
stroke
ICD-10 code
I67.9
ICD-10 code description
Cerebrovascular disease, unspecified

Primary outcomes

1

Description
improvement of Oropharyngeal Dysphagia
Timepoint
Two months after the start of intervention
Method of measurement
1-Northwestren dysphagia screening2-Oral Intake Scale3-videflouroscopy

2

Description
improvement of Oropharyngeal Dysphagia
Timepoint
2 month after intervention
Method of measurement
1-Northwestren dysphagia screening2-Oral Intake Scale3-videflouroscopy

Secondary outcomes

empty

Intervention groups

1

Description
In 3 groups of dysphagia patients swallowing rehabilitation includes:1-Head and neck posture changes(Chin tuck),..2-Swallowing muscles strength exercise 3-Sensory stimulation(Thermal Stimulation,Icing)4-Swallowing Maneuver for protecting the airway(supraglottic swallow, Mendelsohn Maneuver, Effortful Swallow) 5- Change Food consistencies. These exercises are done , Three times a week, in one hour therapy sessions for two months.
Category
Rehabilitation

Recruitment centers

1

Recruitment center
Name of recruitment center
Emam Khomeni Hospital
Full name of responsible person
Dr.sarraf
Street address

Keshavarz Blvd - complex of Imam Khomeini Hospital

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Rehabilitation Faculty, Tehran University of Medical Sciences

Full name of responsible person

Dr Attar- Bashi

Street address

Rehabilitation faculty-Enghelab avenue

City

Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Rehabilitation Faculty, 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

Contact

Name of organization / entity

Rehabilitation Faculty, Tehran University Medical Sciences

Full name of responsible person

Jalal Bakhtiyari

Position

MS,c Speech Therapy, PhD Candidate of Speech Therapy

Other areas of specialty/work

Street address

Speech Therapy Department, Rehabilitation faculty, Tehran University Medical Sciences, Piche-Shemian, Enghelab Ave, Tehran

City

Tehran

Postal code

Phone

+98 21 7753 5193

Fax

Email

jbakhtiyari@razi.tums.ac.irbakhtiyari.slp@gmail.combakhtiyarijalal@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran University Medical Sciences

Full name of responsible person

Mohammad Hosseyn Harrirchian

Position

Neurologist-Professor

Other areas of specialty/work

Street address

Iranian Center of Neurological Center, Emam Khomeyni Hospital, Keshvaez Blvd, Tehran

City

Tehran

Postal code

Phone

+98 21 8873 3731

Fax

Email

harirchm@sina.tums.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Speech Therapy Department, Rehabilitation Faculty, Tehran University Medical Sciences

Full name of responsible person

Jalal Bakhtiyari

Position

MS,c Speech Therapy, PhD Candidate of Speech Therapy

Other areas of specialty/work

Street address

Speech Therapy Department , Rehabilitation Faculty, Tehran University Medical Sciences, Piche Shemiran,Enghelab Ave, Tehran

City

Tehran

Postal code

Phone

+98 21 7753 5132

Fax

+98 21 2226 9606

Email

jbakhtiyari@razi.tums.acbakhtiyari.slp@gmail.com

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