Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Nov 2026

Effect of multi-sensory stimulation on Memory in elderly Nursing homes residents

Protocol summary

Summary

Study objective: The effect of Multi-Sensory stimulation on Memory in elderly people in nursing homes. Design of the study: Randomized, A Blind scholar of the goals of the intervention, but intervention was described as aged about Objectives of the study were given information. pretest intervention and post test intervention. Of all Nursing homes, Nursing homes were selected by cluster sampling in Ahvaz, inclusion criteria were seniors who were enrolled with informed consent, Randomly divider in to two groups Control and Intervention. Study population: The elderly living in Nursing homes Inclusion criteria: Further Stay of two months in a Nursing homes, with ages ranging from Sixty to Seventy-Five years. Exclusion criteria: Psychiatric disease, Alcohol consumption. sample: Twenty-Eight Elderly. Stimulation of the sense of touch, sight and hearing. Hand Massage with almond oil, Pictures of Nature, Music sound of Nature. Intervention period of Four week, with three sessions a week, Twenty-Five minutes per session.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014022516737N1**
Registration date: **2014-03-20, 1392/12/29**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2014-03-20, 1392/12/29

Registrant information

Name

iman moghaddasifar

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences International Units Arvand

Country

Iran (Islamic Republic of)

Phone

+98 63 1446 5495

Email address

fereidooni.m@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahvaz Jondishapur University of Medical Sciences

Expected recruitment start date

2013-05-13, 1392/02/23

Expected recruitment end date

2013-06-20, 1392/03/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of multi-sensory stimulation on Memory in elderly Nursing homes residents

Public title

Effect of Sensory stimulation on Memory in elderly

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria were: having more than 2 month stay in a Nursing home; a willingness to participate in study; Aged 60 to 75 years; having mental and physical; fitness to participate in the interview Exclusion criteria: elder died during the study; lack of effective communication with the elderly for any reason; Psychiatric illness 4. a stroke; Parkinson disease; drug use; history of Alcohol; advanced hearing and vision problems; proven sensory

disorders; an IQ below; not wanting to continue working aged; Alzheimer disease

Age
From **60 years** old to **75 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **28**

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
Ahvaz Jondishapur University of Medical Sciences

Street address
College town, Ahvaz, Khozestan, Iran

City
Ahvaz

Postal code

Approval date
2014-02-04, 1392/11/15

Ethics committee reference number
ajums.REC.1392.296

Health conditions studied

1

Description of health condition studied
Memory in elderly

ICD-10 code
F02

ICD-10 code description
Dementia in other disease classified elsewhere

Primary outcomes

1

Description
The Memory of the elderly

Timepoint
Before intervention, On week after intervention

Method of measurement
Wechler Memory Scalale

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: The intervention did touch stimulation using hand massage with almond oil, stimulate the sense of sight with images of nature, stimulated by hearing the sound of instrumental nature. Interventions to 4 weeks, 3 weeks, each session is 25 minutes. .

Category
Rehabilitation

2

Description
The control group does not

Category
N/A

Recruitment centers

1

Recruitment center

Name of recruitment center
Salehin

Full name of responsible person

Street address
Opposite the City of Motor unit, February 22 st, Ahvaz, Iran

City
Ahvaz

2

Recruitment center

Name of recruitment center
Toloe Hamdeli

Full name of responsible person

Street address
Alley Firoozy, Bostan street, Ahvaz, Iran

City
Ahvaz

3

Recruitment center

Name of recruitment center
Hasty

Full name of responsible person

Street address

First Avenue, House Guards, Highway Dirision, Kmplv, Ahvaz, Iran

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Full name of responsible person

Mohhamad Reza Abbaspour

Street address

Town collegiate, Ahvaz, Iran

City

Ahvaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Ahvaz Jundishapur 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

School Abadan of Medical Sciences

Full name of responsible person

Leila Fakharzadeh

Position

Master of Nursing/ Coach Faculty member

Other areas of specialty/work

Street address

Abadan Faculty of Medical Sciences - Department of Nursing - Located in Taleghani

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Person responsible for scientific inquiries

Contact

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Faculty member

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Person responsible for updating data

Contact

Name of organization / entity

School Abadan of Medical Sciences

Full name of responsible person

Leila Fakharzadeh

Position

Master of Nursing/ Faculty member

Other areas of specialty/work

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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