

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

localization of the Program for the Education and Enrichment of Relational Skills (PEERS) for adults with Autism Spectrum Disorder and Investigating the effect of PEERS on Their Social Functions A Randomized Control Trial.

Protocol summary

Study aim

Translation and localization of Program for the Education and Enrichment of Relational Skills (PEERS) in young adults Study of Effectiveness of PEERS in social functioning of patients

Design

This is a mixed method study and will be conducted in two steps. In first step, Persian translation and validation will be done. For the second step, a randomized clinical trial will be done in a sample of 18-30 year old patients diagnosed with ASD. Randomized allocation will be done and control group will be in waiting list

Settings and conduct

Adult ASD patients admitted in outpatient autism Clinic in Tehran

Participants/Inclusion and exclusion criteria

Inclusion: Confirmed diagnosis of autism with AQ higher than cutoff verbal IQ>70 Informed consent for 15 weekly session and doing tasks A family member who is cooperative to participate in parallel sessions vineland adoptive behavior score>85 not being treated in any other interventions except for standard care no present comorbidity with acute phases of bipolar or psychotic disorders Exclusion: Emergence of acute psychiatric symptoms (suicidal idea, aggression, psychosis) not participating in more than 3 sessions

Intervention groups

Intervention: 16 session (90 min) of PEERS and parallel session for caregiver or friend Control: Waiting list

Main outcome variables

Communicative skills Social interactions Empathy Emotional Intelligence Lonliness

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20110630006923N3**

Registration date: **2021-03-13, 1399/12/23**

Registration timing: **prospective**

Last update: **2021-03-13, 1399/12/23**

Update count: **0**

Registration date

2021-03-13, 1399/12/23

Registrant information

Name

Elham Shirazi

Name of organization / entity

Iran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 2209 5680

Email address

eshirazi@iums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-09-23, 1400/07/01

Expected recruitment end date

2022-02-20, 1400/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

localization of the Program for the Education and Enrichment of Relational Skills (PEERS)for adults with Autism Spectrum Disorder and Investigating the effect of PEERS on Their Social Functions A Randomized Control Trial.

Public title

Effect of Program for the Education and Enrichment of Relational Skills (PEERS)for adults with Autism Spectrum Disorder

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Confirmed diagnosis of autism with AQ higher than cutoff verbal IQ>70 Informed consent for 15 weekly session and doing tasks A family member who is cooperative to participate in parallel sessions vinland adoptive behavior score>85 not being treated in any other interventions except for standard care no present comorbidity with acute phases of bipolar or psychotic disorders

Exclusion criteria:

Not participating in more than 3 sessions emergence of acute psychiatric symptoms (aggression, psychosis, suicidal thoughts)

Age

From **16 years** old to **30 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **30**

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Iran University of Medical Sciences

Street address

Hemmat Highway, Iran University of medical

sciences, school of medicine

City

Tehran

Province

Tehran

Postal code

۱۴۴۹۶۱۴۵۳۵

Approval date

2021-01-31, 1399/11/12

Ethics committee reference number

IR.IUMS.REC.1399.1158

Health conditions studied

1

Description of health condition studied

Autism Spectrum Disorder

ICD-10 code

F84

ICD-10 code description

Pervasive developmental disorders

Primary outcomes

1

Description

Social Skills

Timepoint

pre and post intervention

Method of measurement

Social Skills Rating System (SSRS)

2

Description

empathy

Timepoint

pre and post intervention

Method of measurement

Empathy Qoutient

3

Description

Emotional intelligent

Timepoint

pre and post intervention

Method of measurement

Bar-On's measure of emotional and social intelligence

4

Description

Lonliness

Timepoint

pre and post intervention

Method of measurement

Social and Emotional Loneliness Scale for Adults (SELSA-S)

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: 16 sessions (90 min) of PEERS and parallel sessions for family members or friends

Category

Treatment - Other

2

Description

Control group: waiting list

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Roozbeh Adult developmental disorders clinic

Full name of responsible person

Javad Alaghband-rad

Street address

South Kargar, Roozbeh Hospital

City

Tehran

Province

Tehran

Postal code

13337159140

Phone

+98 21 5541 9151

Email

jalaghbandrad@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Iran University of Medical Sciences, Deputy of Research

Full name of responsible person

Seyyed Abbas Motevallian

Street address

Iran University of Medical Sciences Shahid Hemmat Highway

City

Tehran

Province

Tehran

Postal code

۱۳۳۹۶۱۴۵۳۵

Phone

+98 21 86701

Email

shirazi_elham@yahoo.com

Grant name

high quality article grant

Grant code / Reference number

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

Yes

Title of funding source

Iran University of Medical Sciences, Deputy of Research

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Elham Shirazi

Position

Associate professor

Latest degree

Subspecialist

Other areas of specialty/work

Psychiatrics

Street address

Iran University of Medical Sciences Shahid Hemmat Highway Tehran

City

Tehran

Province

Tehran

Postal code

۱۳۳۹۶۱۴۵۳۵

Phone

+98 21 86701

Email

shirazi_elham@yahoo.com

Person responsible for scientific inquiries

Contact

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Dr Elham Shirazi

Position

Associate Professor, Board of Subspeciality of Child and Adolescent Psychiatry

Latest degree

Subspecialist

Other areas of specialty/work

Psychiatrics

Street addressTehran Institute of Psychiatry, Shahid Mansouri St,
Niayesh St, Sattarkhan St, Tehran, Iran.**City**

Tehran

Province

Tehran

Postal code

۱۳۴۹۶۱۴۵۳۵

Phone

+98 21 6655 1515

Fax**Email**

eshirazi@iums.ac.ir

Web page address**Phone**

+98 21 6655 1515

Fax**Email**

shirazi.e@iums.ac.ir

Web page address**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available

Title and more details about the data/document

Clinical study report and consent

When the data will become available and for how long

6 months after publication of results

To whom data/document is available

Researchers in Academic Institutions

Under which criteria data/document could be used

only for research purposes

From where data/document is obtainable

Dr Elham Shirazi, Principal Researcher

What processes are involved for a request to access data/document

After receiving the requests, it will be answered in a month

Comments**Person responsible for updating data****Contact****Name of organization / entity**

Iran University of Medical Sciences

Full name of responsible person

Dr Elham Shirazi

Position

Associate Professor, Board of Subspeciality of Child and Adolescent Psychiatry

Latest degree

Subspecialist

Other areas of specialty/work

Psychiatrics

Street addressTehran Institute of Psychiatry, Shahid Mansouri St,
Niayesh St, Sattarkhan St, Tehran, Iran.**City**

Tehran

Province

Tehran

Postal code

۱۳۴۹۶۱۴۵۳۵