Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 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 interacations 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

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Elham Shirazi
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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
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Sponsors / Funding sources

1

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Name of organization / entity
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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
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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