

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Effectiveness of Play Therapy to Improve Attention and Concentration of Attention Deficits Hyperactivity Disorder (ADHD) Children

#### Protocol summary

##### Study aim

The main aim of the current study is to examine how well play therapy works to improve the attention and concentration of ADHD children.

##### Design

The current study approach will be quasi-experimental, with an experimental group and a control group.

##### Settings and conduct

The therapist might first want to see the child playing. Sessions needed to be held in a setting where the children feel comfortable and where there are not many restrictions.

##### Participants/Inclusion and exclusion criteria

There will be 10 students in both of the groups, ages 3-14. For this study, there will be five children in each group. Both male and female children with ADHD will have their data collected. The age ranges 3-14 will be chosen. children under ages three and those beyond the age 14 will not be chosen, and children who use medication during treatment will not be included in this study.

##### Intervention groups

Select 10 children; five were to be divided equally between the experimental and control groups. The control does not receive any intervention but the experimental groups receive the play therapy intervention 16 sessions three sessions per week 30 to 50 mints.

##### Main outcome variables

The current study will assess if play therapy is successful at enhancing ADHD children's attention and concentration.

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20230919059472N1**

Registration date: **2023-10-01, 1402/07/09**

Registration timing: **retrospective**

Last update: **2023-10-01, 1402/07/09**

Update count: **0**

##### Registration date

2023-10-01, 1402/07/09

##### Registrant information

###### Name

Saqib Javeed

###### Name of organization / entity

University of Sahiwal

###### Country

Pakistan

###### Phone

+92 40 9200432

###### Email address

saqibjaveed866@gmail.com

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2023-05-23, 1402/03/02

##### Expected recruitment end date

2023-09-27, 1402/07/05

##### Actual recruitment start date

2023-07-16, 1402/04/25

##### Actual recruitment end date

2023-08-03, 1402/05/12

##### Trial completion date

2023-09-03, 1402/06/12

##### Scientific title

Effectiveness of Play Therapy to Improve Attention and Concentration of Attention Deficits Hyperactivity Disorder (ADHD) Children

##### Public title

Play Therapy improves attention and concentration of ADHD child

### **Purpose**

Treatment

### **Inclusion/Exclusion criteria**

#### **Inclusion criteria:**

Both male and female will be add in this study . The age range from 3to 14

#### **Exclusion criteria:**

who use medication during treatment will not be included in this study.

### **Age**

From **3 years** old to **14 years** old

### **Gender**

Both

### **Phase**

1-2

### **Groups that have been masked**

- Investigator
- Data analyser
- Data and Safety Monitoring Board

### **Sample size**

Target sample size: **10**

Actual sample size reached: **10**

### **Randomization (investigator's opinion)**

Not randomized

### **Randomization description**

### **Blinding (investigator's opinion)**

Single blinded

### **Blinding description**

The participant and data analyst do not know each other because the analyst sometimes adds their own queries to perfect results. The participant did not know they had skipped.Focus during therapy and not a proper outcome after the post-assessment.

### **Placebo**

Not used

### **Assignment**

Parallel

### **Other design features**

## **Secondary Ids**

empty

## **Ethics committees**

### 1

#### **Ethics committee**

##### **Name of ethics committee**

Dr.Waseem Tufail, Dr. Saira Irfan ,Dr. Muhammad Imran

##### **Street address**

Farid Town Sahiwal ,Punjab, Pakistan

##### **City**

Sahiwal

##### **Postal code**

57450

### **Approval date**

2023-09-15, 1402/06/24

### **Ethics committee reference number**

MSPSY-16

## **Health conditions studied**

### 1

#### **Description of health condition studied**

The children's condition are proper well.

#### **ICD-10 code**

F90.9

#### **ICD-10 code description**

Attention-deficit hyperactivity disorder, unspecified type

## **Primary outcomes**

### 1

#### **Description**

attention and concentration of ADHD children

#### **Timepoint**

The primary out come will be measured after 16 session of intervention

#### **Method of measurement**

Conner Teacher and Conner parent rating scale to measure the severity of ADHD children

## **Secondary outcomes**

empty

## **Intervention groups**

### 1

#### **Description**

Intervention group name: experimental group; in the beginning, conduct a baseline assessment. The Conner teacher rating and Conner parent rating scales will be administered to determine the attention and concentration of ADHD children.After that, conduct play therapy. These sessions of play therapy increase the attention and concentration of ADHD children. The experimental group received 16 sessions, three of which were scheduled for 30 to 50 minutes.The baseline assessment is in the first session, then after 8 sessions of middle-line assessment, and lastly, in 16 sessions of post-line assessment. It will be typically conducted through one to one session. Purpose of play therapy intervention to improve attention and concentration of ADHD children. The post line assessment Conner Teacher and parent Rating scale after the intervention to evaluate the increase attention and concentration of ADHD children.

#### **Category**

Rehabilitation

### 2

#### **Description**

control group; The control group participant undergo the

same base line assessment as the experimental group. Conner teacher and parent rating scale will be administrated to measured the attention and concentration of ADHD children. The control will not received the specific play therapy intervention. Just conduct the session will be engage into other activity to maintain attention and concentration , these session will be conduct 16 session three session on each week each session time 30 to 50 mints, then conduct the post line intervention assessment for the control group. This assessment will be included the same measured and assessment used as base line assessment to enhance attention and concentration. After the intervention comparison of both group to check the effect in attention and concentration among the participant of experimental group as compare to those in the control group.

#### Category

Other

### Recruitment centers

#### 1

##### Recruitment center

###### Name of recruitment center

School of Special Education Sahiwal (Autism) Sahiwal

###### Full name of responsible person

Dr.Waseem Tufail,

###### Street address

District Sahiwal Punjab, Pakistan

###### City

Sahiwal

###### Postal code

57450

###### Phone

+92 345 8709195

###### Email

waseemtufail@uosahiwal.edu.pk

### Sponsors / Funding sources

#### 1

##### Sponsor

###### Name of organization / entity

Univeristy of Sahiwal

###### Full name of responsible person

Dr.Waseem Tufail,

###### Street address

Farid Town Sahiwal ,Punjab, Pakistan

###### City

Sahiwal

###### Postal code

57450

###### Phone

+92 345 8709195

###### Email

waseemtufail@uosahiwal.edu.pk

###### Grant name

Amir Hayat

###### Grant code / Reference number

0266

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

No

#### Title of funding source

Material and other related things with treatment team

#### 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

Univeristy of Sahiwal

##### Full name of responsible person

Dr.Waseem Tufail,

##### Position

Assistant professor

##### Latest degree

Ph.D.

##### Other areas of specialty/work

Psychology

##### Street address

Farid Town Sahiwal ,Punjab, Pakistan

##### City

Sahiwal

##### Province

Punjab

##### Postal code

57450

##### Phone

+92 345 8709195

##### Email

waseemtufail@uosahiwal.edu.pk

### Person responsible for scientific inquiries

#### Contact

##### Name of organization / entity

Univeristy of Sahiwal

##### Full name of responsible person

Dr. Muhammad Imran

##### Position

Assistant Professor

##### Latest degree

Ph.D.

##### Other areas of specialty/work

Psychology

##### Street address

Farid Town Sahiwal ,Punjab, Pakistan

##### City

Sahiwal

##### Province

Punjab  
**Postal code**  
57450  
**Phone**  
+92 345 8709195  
**Email**  
imranjoyia76@gmail.com

## Person responsible for updating data

### Contact

**Name of organization / entity**  
Univeristy of Sahiwal  
**Full name of responsible person**  
Dr.Waseem Tufail,  
**Position**  
Assistant Professor  
**Latest degree**  
Ph.D.  
**Other areas of specialty/work**  
Psychology  
**Street address**  
Farid Town Sahiwal ,Punjab, Pakistan  
**City**  
Sahiwal  
**Province**  
Punjab  
**Postal code**  
57450  
**Phone**  
+92 345 8709195  
**Email**  
waseemtufail@uosahiwal.edu.pk

## Sharing plan

### Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

### Study Protocol

Yes - There is 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

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

### Clinical Study Report

Undecided - It is not yet known if there will be 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

The data will be collected and then analyzed through SPSS software and repeated ANOVA.

### When the data will become available and for how long

ADHD children through different resources.

### To whom data/document is available

The data will be collected at the School of Special Education, Sahiwal.

### Under which criteria data/document could be used

The inclusive and exclusive criteria will be used.

### From where data/document is obtainable

The data will be obtained through ADHD children.

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

Through direct contact and mightily wish to interview the children, parents, and teachers separately.

### Comments

The overall procedure will be conducted with the treatment team.