

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Jun 2026

The Effect of Combined Education on Improving Level of Knowledge and Performance of parents have a child with Chronic Kidney Failure

Protocol summary

Study aim

Determining the Effect of Combined Training on Improving Knowledge and Performance of Parents with Chronic Kidney Failure

Design

Randomized clinical trial with control group. Sample size: 42

Settings and conduct

The research environment in this study is the clinics of Nephrology clinics of Abuzar Hospital in Ahvaz. The study was conducted on pre-test and post-test after one month of educational intervention.

Participants/Inclusion and exclusion criteria

Entry requirements;. Parents have the ability to complete the questionnaire and participate in the training program (mental-rational) Exit Conditions; Non-participation in more than one session of training sessions-For any reason the child needs to be admitted

Intervention groups

The random samples are divided into two groups of intervention and control. The intervention group receives training but does not receive any training.

Main outcome variables

Combined education; Awareness; Family function

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20181211041928N1**

Registration date: **2018-12-27, 1397/10/06**

Registration timing: **retrospective**

Last update: **2018-12-27, 1397/10/06**

Update count: **0**

Registration date

2018-12-27, 1397/10/06

Registrant information

Name

zainab eydivandi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 61 4322 4819

Email address

eydivandi.z@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-08-19, 1397/05/28

Expected recruitment end date

2018-08-28, 1397/06/06

Actual recruitment start date

2018-08-29, 1397/06/07

Actual recruitment end date

2018-09-29, 1397/07/07

Trial completion date

2018-10-29, 1397/08/07

Scientific title

The Effect of Combined Education on Improving Level of Knowledge and Performance of parents have a child with Chronic Kidney Failure

Public title

The Effect of Combined Education on Improving Level of Knowledge and Performance of parents

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Parents want to participate in research Parents have not previously participated in educational groups Parents have the ability to complete the questionnaire and participate in the educational program (mental-rational)

Do not have a history of uncontrolled underlying conditions such as epilepsy, stress and chronic anxiety, etc. that affect the outcome At least 6 months have passed since the diagnosis of the disease The physician has a medical appointment in relation to the illness

Exclusion criteria:

Not attending more than one session of training sessions
For any reason the child needs to be admitted

Age

From **8 years** old to **12 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **42**

Actual sample size reached: **42**

Randomization (investigator's opinion)

Randomized

Randomization description

Assignment of patients to intervention and control groups was done by randomized block designer 4 by statistician.

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

The Ethics Committee of the University of Ahvaz
Jundishapur University of Medical Sciences

Street address

No.7; West Gooleston Ave; Golestan Blvd; AhvazTown

City

Ahvaz

Province

Khuzestan

Postal code

6193673111

Approval date

2018-07-14, 1397/04/23

Ethics committee reference number

IRAJUMS.REC.1397.323

2

Ethics committee

Name of ethics committee

The Ethics Committee of the University of Ahvaz
Jundishapur University of Medical Sciences

Street address

No.7; West Gooleston Ave; Golestan Blvd; AhvazTown

City

Ahvaz

Province

Khuzestan

Postal code

6193673111

Approval date

2018-07-14, 1397/04/23

Ethics committee reference number

IRAJUMS.REC.1397.323

Health conditions studied

1

Description of health condition studied

Chronic renal failure

ICD-10 code

I13.11

ICD-10 code description

Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease

Primary outcomes

1

Description

Combined training

Timepoint

Before intervention, 1 month after intervention

Method of measurement

According to the score of the family's knowledge and practice questionnaire

Secondary outcomes

1

Description

Family awareness

Timepoint

Before intervention, 1 month after intervention

Method of measurement

Questionnaire

2

Description

Family function

Timepoint

Before intervention, 1 month after intervention

Method of measurement

Standard family function questionnaire

Intervention groups

1

Description

Intervention group: Intervention group: education; teaching method using lecture and video tutorials (teaching about the definition and cause of illness, symptoms, complications, prognosis, treatment and care).

Category

Behavior

2

Description

Control group: Control group: Perform pre-test, no training, educational videos. A questionnaire is provided to them one month later.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Ahvaz Abuzar Hospital

Full name of responsible person

Shahnaz Rostami

Street address

Golestan Highway

City

Ahvaz

Province

Khuzestan

Postal code

61357-15794

Phone

+98 61 3373 8394

Email

Rostami-sh@ajums.ac.ir

2

Recruitment center

Name of recruitment center

Ahvaz Abuzar Hospital

Full name of responsible person

Shahnaz Rostami

Street address

Golestan Highway

City

Ahvaz

Province

Khuzestan

Postal code

61357-15794

Phone

+98 61 3373 8394

Email

Rostami-sh@ajums.ac.ir

3

Recruitment center

Name of recruitment center

Abuzar Hospital

Full name of responsible person

Shahnaz Rostami

Street address

Golestan Highway

City

Ahvaz

Province

Khuzestan

Postal code

6193673111

Phone

+98 61 3222 2922

Email

Rostami-sh@ajums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahvaz University of Medical Sciences

Full name of responsible person

Shnaz Rostami

Street address

Golestan Highway, Ahwaz University of Medical Sciences, Nursing Midwifery Faculty

City

Ahvaz

Province

Khuzestan

Postal code

6193673111

Phone

+98 61 3222 2922

Email

GogestanjPsPital@yahoo.com

Grant name

Grant code / Reference number

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

No

Title of funding source

Ahvaz University of Medical Sciences

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

Ahvaz University of Medical Sciences

Full name of responsible person

Shahnaz Rostami

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Golestan, Kargar Town, Faculty of Nursing Midwifery

City

Ahvaz

Province

Khouzestan

Postal code

61357-15794

Phone

+98 61 3373 8331

Email

Rostami-sh@ajums.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity

Ahvaz University of Medical Sciences

Full name of responsible person

zainab Eydivandi

Position

Senior Nursing Student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address

Golestan, Kargar Town, Faculty of Nursing Midwifery

City

Ahvaz

Province

Khouzestan

Postal code

61357-15794

Phone

+98 61432224819

Email

eydivandi.z@ajums.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Ahvaz University of Medical Sciences

Full name of responsible person

zainab Eydivandi

Position

Senior Nursing Student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address

Golestan Highway, Ahvaz University of Medical Sciences, Nursing Midwifery Faculty

City

Ahvaz

Province

Khouzestan

Postal code

61357-15794

Phone

+98 61 3373 8331

Email

eydivandi.z@ajums.ac.ir

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

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Not applicable

Title and more details about the data/document

Information on the primary outcome and the secondary outcome is shared.

When the data will become available and for how long

Start the access period, 6 months after printing the results

To whom data/document is available

Data is only available to researchers working in universities.

Under which criteria data/document could be used

It is available to assess the knowledge and performance of families.

From where data/document is obtainable

The data are available in the archives of theses of the Faculty of Nursing and Midwifery of Ahvaz University of Medical Sciences. School-nm@ajums.ac.ir

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

The application must first be sent to the Ahvaz University of Medical Sciences. After being examined by the Vice-Chancellor, the application will be sent to the Nursing Midwifery Faculty, and will be sent to the Nursing Midwifery Library after being submitted to the library.

Comments