

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

25 Jun 2026

### Comparison of the Effect of Two Educational Methods Tele Nursing and Face to Face Education on Quality of life in Burn Injured

#### Protocol summary

##### Study aim

The purpose of this study is Comparison of the effect of two teaching methods of Tele-nursing and face-to-face on the quality of life of burn victims

##### Design

This study include 90 patients with 2 or higher degree of burn requiring follow up care and education at least for one month. They will be allocated randomly into three groups including 2 intervention groups and one control group. Randomization will take place by the same cards which over them numbers will be assigned to each members of groups.

##### Settings and conduct

This study was conducted at the burn center of Imam Khomeini Hospital in Kermanshah province. The intervention groups will be under an 8 week education program, 2 sessions per weak for 20 minutes. Education will be conducted by Tele Nursing and Face to Face education. At the beginning and last of the study a Burn Specific Heath Scale-B will be completed.

##### Participants/Inclusion and exclusion criteria

Inclusion criteria include: Burn patients with second and higher degree of burn, age of 18 to 45 years, no disabilities, willing to take part in the study. Exclusion criteria include: patients with psycho-social disorders and taking drug

##### Intervention groups

There are two interventions and one control groups. Intervention groups include two sub-groups. The first group is Tele Nursing that includes 30 patients. The educational content will be transmitted via a telephone conversation during a specific time. The second group is Face to Face education group. The educational content will be transmitted during specified session at specified time and place. The third group is the control group including 30 patients. There is no intervention in this group. They only will receive routine of care in burn center.

##### Main outcome variables

Improving the quality of life of burn victims, reducing the cost of burn patients, emphasizing the principles of self-care.

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20130603013568N5**

Registration date: **2018-02-26, 1396/12/07**

Registration timing: **registered\_while\_recruiting**

Last update: **2018-02-26, 1396/12/07**

Update count: **0**

##### Registration date

2018-02-26, 1396/12/07

##### Registrant information

##### Name

Rostam Jalali

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 83 3724 6613

##### Email address

rjalali@kums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2018-02-20, 1396/12/01

##### Expected recruitment end date

2018-06-21, 1397/03/31

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

**Trial completion date**  
empty

**Scientific title**  
Comparison of the Effect of Two Educational Methods  
Tele Nursing and Face to Face Education on Quality of  
life in Burn Injured

**Public title**  
Comparison of the Effect of Two Educational Methods  
Tele Nursing and Face to Face Education

**Purpose**  
Health service research

**Inclusion/Exclusion criteria**  
**Inclusion criteria:**  
Second degree and higher burns require follow up for at  
least one month; adequate listening and speaking ability  
in order to answer questions; Interest in receiving and  
collaborating in education  
**Exclusion criteria:**  
Physical and mental disabilities

**Age**  
From **18 years** old to **54 years** old

**Gender**  
Both

**Phase**  
N/A

**Groups that have been masked**  
*No information*

**Sample size**  
Target sample size: **90**

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

**Randomization description**  
It is a simple randomization method In this way, the 90  
cards that are identical in appearance are identical. We  
will be prepared and We'll take them Encoding with  
numbers 1, 2 and 3 for intervention and control groups

**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

Kermanshah University of Medical Science

##### Street address

Shahid Beheshti Blvd

##### City

Kermanshah

#### Province

Kermanshah

#### Postal code

6715847141

#### Approval date

2018-01-03, 1396/10/13

#### Ethics committee reference number

IR.KUMS.REC.1396.533

## Health conditions studied

### 1

#### Description of health condition studied

Burn

#### ICD-10 code

(T20-T32)

#### ICD-10 code description

Burns and corrosions

## Primary outcomes

### 1

#### Description

Quality of Life

#### Timepoint

At the beginning of the study (Before intervention) and  
at the end of the study (After doing face to face training  
and Tele Nursing )

#### Method of measurement

Specific questionnaire burn health

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

First group of interventions: The first group of  
interventions is Tele nursing group including 30 patients  
that will be selected by randomization. Patients will  
receive an educational program include 8 sessions (20  
minute sessions), two sessions per week. Related  
problems to burn injury will be discussed based on the  
stages of treatment. Before and after the intervention,  
the Burn Specific Health Scale-B will be completed.

#### Category

Other

### 2

#### Description

Two group of interventions: The two group of  
interventions is Face-to-Face including 30 patients that  
will be selected by randomization. Patients will receive  
an educational program include 8 sessions (20 minute  
sessions), two sessions per week. Related problems to

burn injury will be discussed based on the stages of treatment. Before and after the intervention, the Burn Specific Health Scale-B will be completed.

**Category**

Other

**3****Description**

Control group: Control group includes 30 patients too that will be selected by randomization. This group will receive only the routine of care in burn center. Simultaneously with the intervention group, Before and after the intervention, the Burn Specific Health Scale-B will be completed.

**Category**

Treatment - Other

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Imam Khomeini Hospital in Kermanshah

**Full name of responsible person**

Mohsen Rezaei

**Street address**

Imam Khomeini Hospital, Naghle Ave.

**City**

Kermanshah

**Province**

Kermanshah

**Postal code**

6718743161

**Phone**

+98 83 3728 3602

**Fax**

+98 83 3722 4516

**Email**

mohsen201064@gmail.com

**Web page address**

<http://imamkhomaini.kums.ac.ir>

**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Kermanshah University of Medical Sciences

**Full name of responsible person**

Dr farid najafi

**Street address**

Vice Research and Technology Affair, No 2 Building, Shahid Beheshti Blvd

**City**

Kermanshah

**Province**

Kermanshah

**Postal code**

6715847141

**Phone**

+98 83 3835 8258

**Fax**

+98 83 3427 6493

**Email**

daftarriasat@kums.ac.ir

**Web page address**

<http://www.kums.ac.ir>

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Kermanshah 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**

Kermanshah University of Medical Sciences

**Full name of responsible person**

Mohsen Rezaei

**Position**

student of M.SC Medical Surgical- Nursing

**Latest degree**

Bachelor

**Other areas of specialty/work**

Nursery

**Street address**

No. 61, Esfandiar Alizadeh Alley, Khayyam St., Kermanshah

**City**

Kermanshah

**Province**

Kermanshah

**Postal code**

6718884876

**Phone**

+98 83 3724 8341

**Email**

mohsen201064@gmail.com

**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Kermanshah University of Medical Sciences

**Full name of responsible person**

Mohsen Rezaei

**Position**

Student of M.SC Medical- Surgical Nursing

**Latest degree**

Bachelor

**Other areas of specialty/work**

Nursery

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**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**

Yes - There is 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**

Yes - There is a plan to make this available

**Data Dictionary**

Not applicable

**Title and more details about the data/document**

Information about the contents of the training:

Questionnaire information at the beginning and the end of the study without the names of the participants: data analysis

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

6 months after printing results

**To whom data/document is available**

Researchers at universities and academic centers

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

In order to view and modeling with permission

**From where data/document is obtainable**

To those responsible for the study contains: Mohsen Rezaei and Dr Rostam Jalali and call the phone number 0098 918 9283028 and email address mohsen201064@gmil.com

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

Apply from relevant authorities and correspondence with them by phone and email and provide credible evidence

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

Kermanshah University of Medical Sciences

**Full name of responsible person**

Mohsen Rezaei

**Position**

Student of M.SC of Medical-Surgical Nursing

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Bachelor

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