

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jul 2026

The Effect of Interactive Education of discharge planning by Social Network on the Quality of Life in burn Patients

Protocol summary

Study aim

The Effect of Interactive Education of discharge planning by Social Network on the Quality of Life in burn Patients

Design

A randomized clinical trial with two groups: intervention and control, parallel grouping, blinded for patients and analyzers.

Settings and conduct

This research will be carried out in the burn center of Imam Reza Hospital.

Participants/Inclusion and exclusion criteria

Inclusion: Age between 10 - 65 years old. / Burn percentages between 5% to 60% . / Patient or his main caregiver has reading and writing abilities. / Patient or his main caregiver has access to the internet and social networks. Exclusion: Patient has hearing difficulties (deaf despite the use of auxiliary equipment) and/or visual (blind or inability to read the newspaper at 30 centimeters distance). / Has history of using illegal drugs or drug abuse since past 6 months. / Has history of mental and psychological disorders.

Intervention groups

Patients of intervention group will receive their post - discharge education within one month through messengers (Soroush / Bale). Controls will receive post - discharge contents by pamphlet in accordance with the routine practice.

Main outcome variables

scores of a questionnaire about quality of life in burn patients

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20190622043971N1**

Registration date: **2019-10-05, 1398/07/13**

Registration timing: **registered_while_recruiting**

Last update: **2019-10-05, 1398/07/13**

Update count: **0**

Registration date

2019-10-05, 1398/07/13

Registrant information

Name

maryam rouzfarakh

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 3723 6541

Email address

rouzfarakhm962@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-07-23, 1398/05/01

Expected recruitment end date

2020-04-18, 1399/01/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Interactive Education of discharge planning by Social Network on the Quality of Life in burn Patients

Public title

The Effect of Interactive Education of discharge planning by Social Network on the Quality of Life in burn Patients

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Age between 10 - 65 years old. Burn percentages between 5% to 60% . Patient or his main caregiver has reading and writing abilities. Patient or his main caregiver has access to the internet and social networks.

Exclusion criteria:

Patient has hearing difficulties (deaf despite the use of auxiliary equipment) and/or visual (blind or inability to read the newspaper at 30 centimeters distance). Has history of using illegal drugs or drug abuse since past 6 months. Has history of mental and psychological disorders.

Age

From **10 years** old to **65 years** old

Gender

Both

Phase

3

Groups that have been masked

- Outcome assessor

Sample size

Target sample size: **60**

More than 1 sample in each individual

Number of samples in each individual: **30**

Each participant, will complete the quality of life questionnaire at the beginning, then one and two months after the start of study.

Randomization (investigator's opinion)

Randomized

Randomization description

The recommended random sequence is used with the spss software, and the random sequence is prepared for 60 people in two groups, written on small cards and stored in the packet. Then, the purpose of the study is explained for each patient who has inclusion criteria. If he agreed to participate and signed the informed consent form, can pick an envelope, open it and, based on the contents of that envelope, he enters into the intervention or control group.

Blinding (investigator's opinion)

Single blinded

Blinding description

Data analysers are receive coded data without group name.

Placebo

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee**

Name of ethics committee

Ethics committee of Mashhad University of Medical Sciences

Street address

Daneshgah Street

City

Mashhad

Province

Razavi Khorasan

Postal code

9138813944

Approval date

2019-07-21, 1398/04/30

Ethics committee reference number

IR.MUMS.NURSE.REC.1398.052

Health conditions studied**1****Description of health condition studied**

Burn patients

ICD-10 code

T20-T25

ICD-10 code description

Burns and corrosions of external body surface, specified by site

Primary outcomes**1****Description**

Quality of life in burn patients

Timepoint

at the beginning, and then one month and two month later.

Method of measurement

BSHS-B (the burn specific health scale)

Secondary outcomes

empty

Intervention groups**1****Description**

Intervention: Social network is used for post-discharge education of burn patients in the intervention group. During an interactive approach, each time a patient faces a problem after discharge, he or she can communicate with a group of specialists including surgeons, nutritionists, occupational therapists, physiotherapists, psychologists, and nurses through social networks to get necessary guidance.

Category

Rehabilitation

2**Description**

Control group: Patients in the control group receive only routine program of burn center discharge including verbal and pamphlets.

Category

Rehabilitation

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

Burn center of Imam Reza Hospital in Mashhad

Full name of responsible person

Ali Ahmadabadi

Street address

Iran, Mashhad, Imam Reza Square (AS)

City

mashhad

Province

Razavi Khorasan

Postal code

9137913316

Phone

+98 51 3854 3031

Fax

+98 51 3841 3006

Email

emamreza@mums.ac.ir

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

Mashhad University of Medical Sciences

Full name of responsible person

Mohsen Tafaghodi

Street address

Khorasan Razavi, Mashhad, University Street

City

mashhad

Province

Razavi Khorasan

Postal code

9138813944

Phone

+98 51 3841 2081

Fax**Email**

vcresearch@mums.ac.ir

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

Yes

Title of funding source

Mashhad 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**

Mashhad University of Medical Sciences

Full name of responsible person

Razieh Froutan

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Avicenna Street, Faculty of Nursing and Midwifery

City

Mashhad

Province

Razavi Khorasan

Postal code

9137913199

Phone

+98 51 3859 1511

Email

froutanr@mums.ac.ir

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

Mashhad University of Medical Sciences

Full name of responsible person

Razieh Froutan

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

Avicenna Street, Faculty of Nursing and Midwifery

City

Mashhad

Province

Razavi Khorasan

Postal code

9137913199

Phone

+98 51 3859 1511

Email

froutanr@mums.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

maryam rouzfarakh

Position

Student

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

Avicenna Street, Faculty of Nursing Midwifery

City

Mashhad

Province

Razavi Khorasan

Postal code

9137913199

Phone

+98 51 3217 8589

Email

rouzfarakhm962@mums.ac.ir

Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

There are no more information.

Study Protocol

No - There is not 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

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

Not applicable