Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 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