

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Investigating the effect of the implementation of the consolidated discharge model on the satisfaction of clients in the trauma emergency department

Protocol summary

Study aim

Determining the impact of the implementation of the consolidated discharge model on the satisfaction of the clients in the trauma emergency department of the Imam Hossein (AS) Medical Training Center in Tehran in 2023-2024.

Design

After selecting the participants of Imam Hossein Tehran Hospital, the objectives of the research will be explained to them first, and then the consent form and demographic information will be completed. The satisfaction questionnaire of clients in both intervention and control groups will be completed by the researcher at the time of discharge. At the same time, the research assistant will be unaware of the allocation of intervention and control groups.

Settings and conduct

The research will be conducted in Imam Hossein Hospital in Tehran. The satisfaction questionnaire of clients in both intervention and control groups will be completed by the researcher at the time of discharge. At the same time, the research assistant will be unaware of the allocation of intervention and control groups.

Participants/Inclusion and exclusion criteria

Hospitalization due to trauma in the emergency department Level 3, 4, and 5 triage that will be discharged from the emergency room. Being literate in reading and writing
Absence of pain during training
Being aware of place and time
Having suitable physical and mental conditions for training

Intervention groups

Clients and their caregivers of the intervention group will be trained using the integrated discharge method (education from the arrival to the time of discharge to the patient and his family), in addition to receiving educational materials according to the department's routine, and the clients of the control group will receive

the necessary training according to the department's routine. will receive and be discharged from the hospital.

Main outcome variables

patient readmission and satisfaction

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20210131050189N3**

Registration date: **2023-03-19, 1401/12/28**

Registration timing: **registered_while_recruiting**

Last update: **2023-03-19, 1401/12/28**

Update count: **0**

Registration date

2023-03-19, 1401/12/28

Registrant information

Name

Raziyeh Ghafouri

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 28 3335 4520

Email address

ghafouri@sbmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-01-19, 1401/10/29

Expected recruitment end date

2024-01-21, 1402/11/01

Actual recruitment start date

empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
Investigating the effect of the implementation of the consolidated discharge model on the satisfaction of clients in the trauma emergency department

Public title
The effect of the implementation of the consolidated discharge model on the satisfaction of clients in the trauma emergency department

Purpose
Education/Guidance

Inclusion/Exclusion criteria
Inclusion criteria:
Hospitalization due to trauma in the emergency department Level 3, 4, and 5 triage that will be discharged from the emergency room. Being literate in reading and writing Absence of pain during training Being aware of place and time Having suitable physical and mental conditions for training
Exclusion criteria:
Change in the patient's condition and changing his triage level to level 1 and 2 Patient referral from emergency to other departments Creating critical conditions for the patient

Age
From **18 years** old to **65 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **80**

Randomization (investigator's opinion)
Not randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Shahid Beheshti University of Medical Sciences

Street address
7th Floor, Bldg No.2 SBUMS, Arabi Ave, Daneshjoo Blvd, Velenjak, Tehran, Iran

City
Tehran

Province
Tehran

Postal code
19839-63113

Approval date
2022-03-15, 1400/12/24

Ethics committee reference number
IR.SBMU.PHARMACY.REC.1400.334

Health conditions studied

1

Description of health condition studied

trauma

ICD-10 code

F43.11

ICD-10 code description

Post-traumatic stress disorder, acute

Primary outcomes

1

Description

Reducing the complications of trauma

Timepoint

Upon arrival to a month after discharge

Method of measurement

readmission and satisfaction

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Clients and their caregivers, in addition to receiving educational materials according to the department's routine, will be trained using the consolidated discharge method (on arrival until the month after discharge based on needs and with the family).

Category

Other

2

Description

Control group: Clients of the control group will receive the necessary training as usual (only at the time of discharge) and will be discharged from the hospital.

Category

Other

Type of organization providing the funding

Academic

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

Imam Hossein Hospital, Tehran

Full name of responsible person

Raziyeh Ghafouri

Street address

Imam Hossein Square, Shahid Madani Street, Tehran

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

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Afshin Rezgi

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Arabi Ave, Daneshjoo Blvd, Velenjak, Tehran, Iran

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

Yes

Title of funding source

Shahid Beheshti 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**Person responsible for general inquiries****Contact****Name of organization / entity**

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Raziyeh Ghafouri

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

Street address

SBMU School of Nursing & Midwifery, Vali-Asr Avenue, Cross of Vali-Asr Avenue and Hashemi Rafsanjani (Neiaiesh) Highway, Tehran. Iran.

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

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Person responsible for updating data

Contact

Name of organization / entity

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Full name of responsible person

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Position

Assistant Professor

Latest degree

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Other areas of specialty/work

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Email

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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

Yes - There is a plan to make this available

Title and more details about the data/document

By request from the coresponder author via email

When the data will become available and for how long

after data gathering

To whom data/document is available

academic researcher

Under which criteria data/document could be used

By request from the coresponder author via email

From where data/document is obtainable

By request from the coresponder author via email

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

By request from the coresponder author via email

Comments