

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

survey the effect of overcrowding management on patient safety based on stabilization model in the emergency department

Protocol summary

Summary

1. Objectives: To determine the effects of overcrowding on patient safety in the emergency department-based positioning model 2. Design: Randomized, not blind, single-center, phase II trial 3 Setting and conduct: Study population: patients presenting to the emergency department before intervention (control group) and after the intervention (intervention group), will form the study population. A sample of 35 Controls subjects and 35 patients in the experimental group 4-Participants including major eligibility criteria Inclusion criteria: a. Participants have consent to participate in the study b. aware of the place, time and people. Exclusion criteria: The patient is in need of CPR. 5-Intervention: a reduction in the number of caregivers that they do not need to attend (patients who are in good, not bed rest, loss of consciousness, they are prone to falling out of bed, not elderly) (b) of the inputs and outputs of the emergency department to better control the entry and exit records by a nurse every two hours Czech c d a temporary place to stay patients discharged to their beds at the time of customs clearance process is usable for other clients. (E) follow-discharge (hospital discharge records computer system immediately after discharge and faster patient discharge process before noon) c-train safety for nurses Intervention time: one month 6-main outcome measures: The primary outcome is increasing of patients safety.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201507042730N8**
Registration date: **2016-04-10, 1395/01/22**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-04-10, 1395/01/22

Registrant information

Name

Hosein Mahmoudi

Name of organization / entity

Baqiatallah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 2228 6039

Email address

h.mahmoudi@bmsu.ac.ir

Recruitment status

Recruitment complete

Funding source

School of Nursing and Department of Research Hospital (Clinical Research and Development Unit), Baqiyatallah University of Medical Sciences, Hemmat Highway, Tehran, Iran

Expected recruitment start date

2015-09-23, 1394/07/01

Expected recruitment end date

2015-11-22, 1394/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

survey the effect of overcrowding management on patient safety based on stabilization model in the emergency department

Public title

survey the effect of overcrowding management on patient safety based on stabilization model in the

emergency department

Purpose
Health service research

Inclusion/Exclusion criteria
* Inclusion criteria: 1. Participants have consent to participate in the study 2. aware of the place, time and people. * Exclusion criteria: The patient is in need of CPR.

Age
No age limit

Gender
Both

Phase
2-3

Groups that have been masked
No information

Sample size
Target sample size: **70**

Randomization (investigator's opinion)
Randomized

Randomization description

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

Ethics Committee of Baqiyatallah University of Medical Sciences

Street address

Baqiyatallah University of Medical Sciences, Sheikh Bahaii street, Hemmat Highway, Tehran

City

Tehran

Postal code

Approval date

2015-08-31, 1394/06/09

Ethics committee reference number

IR.BMSU.REC.1395.245

Health conditions studied

1

Description of health condition studied

Emergency department

ICD-10 code

z75.8

ICD-10 code description

Other problems related to medical facilities and other health care

Primary outcomes

1

Description

Patient Safety

Timepoint

Before and one month after intervention

Method of measurement

Questionnaire Assessment Patient Safety in Emergency

Secondary outcomes

1

Description

no

Timepoint

no

Method of measurement

no

Intervention groups

1

Description

1. Reduce the number of patients who needed their presence in the entourage is (are patients with good general condition, not bed rest, loss of consciousness, they are prone to falling out of bed, not elderly), after coordination with the head section emergency police Brigade emergency department, it was noted that only patients who carry the rest of the entourage of the emergency exit. 2. One of the inputs and outputs of the emergency department for better control of entry and exit, after coordination with Police Brigade emergency department, emergency department, all entrances except the main entrance was blocked. 3. The Czech case by a nurse every two hours, it was fully explained in the training of nurses 4. temporary place to stay patients discharged to their beds during the registration process is usable for other clients. 5. Follow the discharge of patients (patient discharge records in the computer system immediately after discharge and faster patient discharge process before noon) 6-training nurses to patient safety, patient safety had been brought to safety in the questionnaire Nursing staff were trained by researchers and educational pamphlets were distributed between them. 6- to training patient safety for nurses

Category

Other

2

Description

In the control group (group before the intervention) routinely was measured patient safety to valid and reliable checklist.

Category

N/A

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

Baqiyatallah Hospital

Full name of responsible person

Iman Jafari Iraqi

Street address

Baqiyatallah Hospital, Sheikh Bahaii street, Hemmat Highway, Tehran

City

Tehran

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

Vice chancellor for research, Baqiyatallah University of Medical Sciences

Full name of responsible person

Dr Yarbeigi

Street address

Baqiyatallah University of Medical Sciences, Sheikh Bahaii street, Hemmat Highway, Tehran

City

Tehran

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

Yes

Title of funding source

Vice chancellor for research, Baqiyatallah University of Medical Sciences

Proportion provided by this source

100

Public or private sector*empty***Domestic or foreign origin***empty***Category of foreign source of funding***empty***Country of origin****Type of organization providing the funding***empty***Person responsible for general inquiries****Contact****Name of organization / entity**

Baqiyatallah University of Medical Sciences

Full name of responsible person

Iman Jafari Iraqi

Position

MSc

Other areas of specialty/work**Street address**

School of Nursing, Baqiyatallah University of Medical Sciences, Sheikh Bahaii Street, Hemmat Highway, Tehran, Iran

City

Tehran

Postal code

1698749511

Phone

+98 21 7710 0703

Fax**Email**

iman.jafari.1366@gmail.com

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

Baqiyatallah University of Medical Sciences

Full name of responsible person

Hossein Babatabar Darzi

Position

MSc

Other areas of specialty/work**Street address**

School of Nursing, Baqiyatallah University of Medical Sciences, Sheikh Bahaii Street, Hemmat Highway, Tehran, Iran

City

Tehran

Postal code

1474997491

Phone

+98 21 8248 3500

Fax**Email**

babatabar1343@yahoo.com

Web page address**Person responsible for updating data****Contact****Name of organization / entity**

Baqiyatallah University of Medical Sciences

Full name of responsible person

Hossein Mahmoudi

Position

PhD

Other areas of specialty/work**Street address**

School of Nursing, Baqiyatallah University of Medical Sciences, Sheikh Bahaii Street, Hemmat Highway, Tehran, Iran

City

Tehran

Postal code**Phone**

+98 21 2612 7237

Fax

Email

h.mahmoudi@bmsu.ac.ir ;
h.mahmoudi53@yahoo.co.in;
h.mahmoudi53@gmail.com

Web page address**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty