

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

The study of hospital incident command system on the preparedness of NAJA hospitals in disaster using simulated conditions

Protocol summary

Summary

The aim of this study was to evaluate the impact of hospital incident command system on hospital preparedness of the NAJA in response to events using the simulated disasters. Methods: this was a quasi-experimental intervention study. The study population included all managers (male and female) in the Valiasr and Imam Saggad Hospitals, Tehran, Iran, who were included in the study using a complete enumeration method. Among 55 participants, 23 were assigned in the control group (Imam Saggad Hospital) and 32 in the intervention group (Valiasr Hospital). First, the level of disaster preparedness in both hospitals was assessed using the Hospital Preparedness Scale (Khanke et al.). Then, the HICS was implemented in the Valiasr Hospital (intervention), and managers were instructed on the disaster scenario (in three days). After one month, the level of preparedness in both hospitals was again measured using the National hospital Preparedness Scale.

General information

Acronym

HICS

IRCT registration information

IRCT registration number: **IRCT2016091829858N1**

Registration date: **2017-01-18, 1395/10/29**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-01-18, 1395/10/29

Registrant information

Name

Mahtab Lotfolahbeygi

Name of organization / entity

University of Welfare and Rehabilitation

Country

Iran (Islamic Republic of)

Phone

+98 22953495

Email address

ma.lotfolahbeygi@uswr.ac.ir

Recruitment status

Recruitment complete

Funding source

Education NAJA Valiasr Hospital-University of Social Welfare and Rehabilitation

Expected recruitment start date

2016-02-09, 1394/11/20

Expected recruitment end date

2016-03-10, 1394/12/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The study of hospital incident command system on the preparedness of NAJA hospitals in disaster using simulated conditions

Public title

The study of hospital incident command system on the preparedness of hospitals

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: their willingness to participate in research; hospital directors including the chairman of the hospital, the hospital's deputy, the head of human resources, head of logistics, chief Medical Equipment, chief moderator, all supervisors and head nurses; at least

3 year experience in the management hospital, at least bachelor
Exclusion criteria: The lack of management, lack of desire to participate in research

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 55

Randomization (investigator's opinion)

N/A

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 the University of Welfare and Rehabilitation Sciences

Street address

University of welfare and rehabilitation, Kudakyar Street, Daneshgou Blvd, Avyn, Tehran

City

Tehran

Postal code

1985713834

Approval date

2015-09-23, 1394/07/01

Ethics committee reference number

TR.USWR.REC.1394.285

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

The study of hospital incident command system on the preparedness of NAJA hospitals in disaster

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

the preparedness of Naga hospitals Tehran in disaster

Timepoint

Before the intervention -one month after the intervention

Method of measurement

questionnaire of hospital assessment in disaster

Secondary outcomes

empty

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

Hospital Incident Command System training with books on disaster preparedness Hospital doctor Khanke, studies Jallali and ...by lecture and educational film and scenario around a Table for three days in Hospital (Valiasr) and complete check list Hospital preparedness by Hospital managers before intervention and one month after the intervention.

Category

Prevention

2**Description**

In two times in just one month in the hospital check lists prepared by the directors of hospital Sajjad was filled and Intervention was not performed in Imam Sajjad hospital.

Category

Prevention

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

Valiasr NAJA Hospital

Full name of responsible person

Lotfolahbeygi Mahtab

Street address

Valiasr NAJA Hospital, upper the Mirdamad, Valiasr street, Tehran

City

Tehran

2**Recruitment center****Name of recruitment center**

Imam Sajjad Hospital

Full name of responsible person

Lotfolahbeygi Mahtab

Street address

Imam Sajjad Hospital, northern Bahar Street, Tehran

City

Tehran

Email

ma.lotolahbeygi@uswr.ac.ir

Web page address**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Vice Chancellor for Research and Technology,
University of Social Welfare and Rehabilitation

Full name of responsible person

Mr Dr Khanke

Street address

University of welfare and rehabilitation, Kudakyar
Street, Daneshgoo Blvd, Avyn, 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 and Technology, University
of Social Welfare and Rehabilitation

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**

University of welfare and rehabilitation

Full name of responsible person

Lotfolahbeygi Mahtab

Position

Bachelor of nursing -nurse

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

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City

Valiasr NAJA Hospital, upper the Mirdamad, Valiasr
street , Tehran

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

University of welfare and rehabilitation

Full name of responsible person

Mr Dr Khanke

Position

lecturer

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

University of welfare and rehabilitation

Full name of responsible person

Lotfolahbeygi Mahtab

Position

Bachelor of nursing

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

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Web page address

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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