

Clinical Trial Protocol

Iranian Registry of Clinical Trials

20 Sep 2026

The effects of the implementation of clinical audit process based on estabilization model on performance of cardiopulmonary resuscitation

Protocol summary

Summary

Objectives: The effects of the implementation of clinical audit process based on stabilizing model on performance of cardiopulmonary resuscitation Design: Clinical trial Setting and conduct: In this study, firstly the procedure of cardiopulmonary resuscitation in control group will be checked by standard check list of CPR, then the failures will be taught by use of theory and practical classes, finally process of CPR in case group check by the same check list. Participants including major eligibility criteria: 35 case in control group and 35 case in case group Intervention: Education Main Outcome Measures (variables): Standardization Of CPR Procedure

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201507012730N6**
Registration date: **2016-05-08, 1395/02/19**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-05-08, 1395/02/19

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

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Recruitment status

Recruitment complete

Funding source

School of nursing, University of Medical Sciences
Baqiyatallah and Baqiyatallah hospital's Department of
Research and Technology (Clinical Research and
Development Unit)

Expected recruitment start date

2015-07-23, 1394/05/01

Expected recruitment end date

2015-09-23, 1394/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effects of the implementation of clinical audit
process based on estabilization model on performance
of cardiopulmonary resuscitation

Public title

Clinical audit cardiopulmonary resuscitation performance
based on stabilization model in the emergency ward

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: All of Patient's who are : whit cardiac
arrest! greater than 8 years age! need to CPR! Placed
under cardiopulmonary resuscitation Exclusion criteria:
Do not completed CPR

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 35

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Before and after design

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Baqiyatallah University of Medical Sciences

Street address

Mollasadra street, Tehran, Iran

City

Tehran

Postal code

1956817173

Approval date

2014-11-01, 1393/08/10

Ethics committee reference number

416

Health conditions studied

1

Description of health condition studied

CPR

ICD-10 code

Z99.3

ICD-10 code description

Factors influencing health status and contact with health services

Primary outcomes

1

Description

Audit the cardiopulmonary resuscitation.

Timepoint

A Month Before and one month for sample design and intervention, and intervention and one month after intervention sampling

Method of measurement

Standardization of CPR

Secondary outcomes

1

Description

Standadization of CPR

Timepoint

1 month

Method of measurement

Check List

Intervention groups

1

Description

In the intervention group after training on how to perform CPR correctly in physicians and nurses. Quality of CPR doing in 35 patients were audited with using standard scale.

Category

Prevention

2

Description

In this study interventions were correcting flaws in CPR. In Control group, before providing any training, quality of CPR doing, in 35 Physician and nurses were audited.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Emergency ward of Baqiyatallah hospital

Full name of responsible person

Dr Hossein Mahmoudi

Street address

Mollasadra Street, Tehran, Iran

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research of Baqiyatallah University of Medical Sciences

Full name of responsible person

Dr hosein mahmoudi

Street address

Mollasadra Street, Tehran.

City

Tehran
Grant name
666
Grant code / Reference number
666
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice chancellor for research of 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
Dr Hosein Mahmoudi
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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