# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

20 Sep 2026

## The effects of the implementation of clinical audit process based on estabalization 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 estabalization 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**

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**Full name of responsible person**
Dr Hosein Mahmoudi

**Position**
PhD

**Other areas of specialty/work**

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## Person responsible for scientific inquiries

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## Person responsible for updating data

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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*