

Clinical Trial Protocol

Iranian Registry of Clinical Trials

14 Jul 2026

The assessment of two methods of group and video education of hand dressing performed by nurses in different hospital wards

Protocol summary

Summary

This study was designed as a clinical trial to evaluate the effect of training on the knowledge and skill of nurses in terms of hand dressing. Totally, 90 nurses with Master's or higher degrees and any job experience (inclusion criteria) and without history of sensitivity to disinfectants (exclusion criteria) participated in the study. The participants were divided into two groups based on randomized numbers. The training intervention was implemented as showing a 30-min movie or delivering a 30-min live lecture for each group. Before the intervention, the questions related to demographic information were answered by the participants and the effect of training intervention was investigated using two checklists: one including 15 questions for examining knowledge level and another for checking the skills. The checklist was completed by the participants themselves before and after the intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201501128177N11**

Registration date: **2015-07-06, 1394/04/15**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2015-07-06, 1394/04/15

Registrant information

Name

Mohammad Javad Fatemi

Name of organization / entity

Burn Research Center of Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 8888 4275

Email address

mj-fatemi@sina.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Iran University Of Medical Sciences

Expected recruitment start date

2015-01-15, 1393/10/25

Expected recruitment end date

2016-01-15, 1394/10/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The assessment of two methods of group and video education of hand dressing performed by nurses in different hospital wards

Public title

The assessment of two methods of group and video education of hand dressing performed by nurses in different hospital wards

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria : Bachelor's degree program; performers of service of physicians and paramedics; permanent and temporary staff Exclusion criteria: experience; skin sensitivity

Age

No age limit

Gender

Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: 90

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
Iran University Of Medical Sciences

Street address
Central Department Of Iran University Of Medical Sciences,

City
Tehran

Postal code
1449614535

Approval date
2015-01-12, 1393/10/22

Ethics committee reference number
24-342

Health conditions studied

1

Description of health condition studied
The comparison between group education and video education of hand dressings for hospitalized patients in groups of nurses

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description
Clinical skill scale

Timepoint
Before and after education

Method of measurement

Check list

Secondary outcomes

empty

Intervention groups

1

Description
Intervention Group : Showing a 30 minutes video of the method of hand dressing by an educated nurse for 45 nurses

Category
Prevention

2

Description
Control Group : Face to face group education a 30 minutes video of the method of hand dressing by an educated nurse for 45 nurses

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Hazrat Fatima Hospital

Full name of responsible person
Fereshteh Pourabasali Omran

Street address
Hazrat Fatima Hospital, Seyed Jamaledin Ave, Tehran

City
Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Iran University of Medical Sciences

Full name of responsible person
Ali Javad Mousavi

Street address
Central Department of Iran University of Medical Sciences

City
Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes

Title of funding source
Iran 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

Hazrat Fatima Hospital, Seyed Jamaledin Asadabadi

Ave, Tehran

City

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+98 21 8871 7272

Fax**Email**

fatemi@sina.tums.ac.ir

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

Hazrat Fatima Hospita

Full name of responsible person

Fereshteh Pourabasali Omran

Position

Bacheor of Nursing

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

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

Hazrat Fatima Hospital

Full name of responsible person

Mohammad Javad Fatemi

Position

Associate Professor of Plastic and Reconstructive
Surgery

Other areas of specialty/work**Street 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