Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 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
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Iran (Islamic Republic of)
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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 Jvad Mousavi
Street address
Central Department of Iran University of Medical Sciences
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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

Person responsible for general inquiries

Contact
Name of organization / entity
Hazrat Fatima Hospita
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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