

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Investigating the effect of training through watching video clips on the degree of adherence to positioning standards by operating room personnel

Protocol summary

Study aim

Determining the effect of video training on the degree of adherence to positioning standards by operating room personnel

Design

A single-blind randomized controlled clinical trial, parallel groups, 62 participants randomization: Numbers one and two are written on sheets of paper and placed inside white envelopes, and the people randomly choose an envelope. With the envelope containing sheet number one, the person is allocated to the intervention group, and with the envelope containing sheet number two, the person is allocated to the control group.

Settings and conduct

Individuals are selected by the availability sampling method and randomized into control or intervention groups. All matters related to registration, randomization and allocation to intervention will be done by the researcher. In all three shifts, and the neurosurgery and gynecology operation rooms, the demographic questionnaire and the desired checklist are completed. The intervention group receives video training for 1 month. Subjects are told not to discuss the checklist and training with their colleagues. The validity and reliability of the checklist are confirmed based on the standards of the Association of Surgical Technicians.

Participants/Inclusion and exclusion criteria

Inclusion criteria: having an operating room associate's degree, working in the desired departments, and not passing the relevant training courses Exclusion criteria: attending more than two training sessions

Intervention groups

62 people will participate in this study. 31 individuals are given video training at least 3 times a week. 31 people receive no intervention.

Main outcome variables

Comparison of the mean score of adherence to

positioning standards, before and after training in the operating rooms of the educational therapeutic hospitals of Kermanshah University of Medical Sciences

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20211225053524N1**

Registration date: **2023-03-04, 1401/12/13**

Registration timing: **prospective**

Last update: **2023-03-04, 1401/12/13**

Update count: **0**

Registration date

2023-03-04, 1401/12/13

Registrant information

Name

Ali Nasiri silab

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 41 3455 2289

Email address

ali.nasiri@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-03-16, 1401/12/25

Expected recruitment end date

2023-07-01, 1402/04/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the effect of training through watching video clips on the degree of adherence to positioning standards by operating room personnel

Public title

Investigating the effect of training on positioning standards

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

Having at least an associate's degree of surgical technology Work in neurosurgery and gynecology operating room Not passing positioning training courses

Exclusion criteria:

Dissatisfaction to participate in the study participating in workshops more than 2 times

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

- Participant

Sample size

Target sample size: 62

Randomization (investigator's opinion)

Randomized

Randomization description

The numbers one and two are written on small sheets of paper and placed inside white envelopes, and the eligible people randomly select an envelope from the box, thus determining the intervention and control groups.

Blinding (investigator's opinion)

Single blinded

Blinding description

In order to perform blinding, the intervention and control groups will be selected from different hospitals and the intervention group will be given the necessary training not to provide information to other study subjects.

Placebo

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics Committee of Kermanshah University of Medical Sciences

Street address

Central Building of Kermanshah University of Medical Sciences, Shahid Beheshti Boulevard ,Kermanshah

City

kermanshah

Province

Kermanshah

Postal code

6715847141

Approval date

2023-02-12, 1401/11/23

Ethics committee reference number

IR.KUMS.REC.1401.548

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

Positioning standards training

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

The compliance rate of Positioning standards

Timepoint

After completing the training, which will take about a month

Method of measurement

Surgical Technicians Association standards checklist

Secondary outcomes

empty

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

Intervention group: For the intervention group, training clips on positioning in the operating room and how to use the operating room bed, prepared by the researcher from reliable sources and approved by the professors of the department, in the communication software that can be used by the participants (ie email, Soroush, Eitaa messenger, Telegram, EMO, etc.) are sent and they are told to watch the clips at least 3 times a week. Considering that people may work in the same hospital and operating room as the control group, they will be told not to talk about the checklist and training with their colleagues. After completing the training, which has been

a month, the researcher will visit the operating rooms again and fill in the desired checklist.

Category

Other

2

Description

Control group: For the control group, no intervention is done

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Reza Hospital Kermanshah

Full name of responsible person

Samira Fatahi

Street address

Next to the medical school, at the end of Nurse Blvd.,
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Recruitment center

Name of recruitment center

Taleghani Hospital of Kermanshah

Full name of responsible person

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Sponsors / Funding sources

1

Sponsor

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Full name of responsible person

samira fatahi

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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

Kermanshah University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Kermanshah University of Medical Sciences

Full name of responsible person

ali nasiri silab

Position

Masters student

Latest degree

Bachelor

Other areas of specialty/work

operating room technician

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available