Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

The effect of combined education through educational film and visual aid cards on the quality of bowel preparation and satisfaction in patients under colonoscopy that referring to Imam Khomeini educational and treatment center of Urmia in 2018

Protocol summary

Study aim

The effect of combined education through educational film and visual aid cards on the quality of bowel preparation and satisfaction in patients under colonoscopy that referring to Imam Khomeini educational and treatment center of Urmia in 2018

Design

This clinical trial was conducted in two groups of control and intervention based on the date of referral of patients to the intervention group (even days) and the control group (odd day),two blinded, each group of 90 people divided into two groups

Settings and conduct

Patients in the colonoscopy unit of Imam Khomeini hospital in Urmia receive educational film on bowel preparation for at least two days before colonoscopy. On the day of the colonoscopy, the quality of the bowel preparation is evaluated by a gastroenterologist who is unaware of both groups.

Participants/Inclusion and exclusion criteria

1 .Age: 18-65 years old 2. No history of previous colonoscopy 3. No emergency order for colonoscopy 4. Familiarity with a patient or a companion in Persian or Turkish 5. Having ordered at least two days prior to colonoscopy Conditions of failure to enter 1.Hospitalized patients 2.Drug addiction or strong analgesia 3.Having previous colonoscopy history 4.Cancer patients

Intervention groups

The intervention group will receive colonoscopy training videos, educational film and explanations for the colonoscopy two days before the colonoscopy in colonoscopy unit. The control group will receive routine training

Main outcome variables

Education ؛ quality of bowel preparation ؛ satisfaction

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20161116030926N3**
Registration date: **2018-11-28, 1397/09/07**
Registration timing: **registered_while_recruiting**

Last update: **2018-11-28, 1397/09/07**
Update count: **0**

Registration date

2018-11-28, 1397/09/07

Registrant information

Name

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 44 3275 4961

Email address

alilu@umsu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-11-16, 1397/08/25

Expected recruitment end date

2019-02-03, 1397/11/14

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title
The effect of combined education through educational film and visual aid cards on the quality of bowel preparation and satisfaction in patients under colonoscopy that referring to Imam Khomeini educational and treatment center of Urmia in 2018

Public title
The effect of education with educational film and visual aid cards on the bowel preparation and satisfaction in patients under colonoscopy
Purpose
Education/Guidance
Inclusion/Exclusion criteria
Inclusion criteria:
Age: 18-65 years old No history of previous colonoscopy Not having an emergency colonoscopy Familiarity with patient or a companions in Persian or Turkish Having ordered at least two days prior to colonoscopy The lack of use of hypnotics and sedative medications and triangular anti-depressant drugs, calcium channel blockers, and drug addiction or strong analgesics Not having severe pain due to the nature of the disease (cancer).
Exclusion criteria:
Hospitalized patients Drug addiction or strong analgesia Having previous colonoscopy history Cancer patients
Age
From **18 years** old to **65 years** old
Gender
Both

Phase
N/A
Groups that have been masked

- Outcome assessor

Sample size
Target sample size: **180**
Randomization (investigator's opinion)
Not randomized
Randomization description
Blinding (investigator's opinion)
Double blinded
Blinding description
The gastroenterologist who performs the colonoscopy of both groups is unaware of both the intervention and control groups.
Placebo
Not used
Assignment
Other
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics Committee of West Azerbaijan University of Medical Sciences
Street address
Jahad square west Azarbaijan University of Medical Sciences
City
Urmia
Province
West Azarbaijan
Postal code
5714783734
Approval date
2018-11-16, 1397/08/25
Ethics committee reference number
IR.UMSU.REC.1397.297

Health conditions studied

1

Description of health condition studied
Bowel preparation
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
The quality of bowel preparation
Timepoint
After intervention
Method of measurement
Boston bowel preparation scale

2

Description
Patient Satisfaction
Timepoint
After intervention
Method of measurement
Patient Satisfaction Questionnaire for Colonoscopy

Secondary outcomes

empty

Intervention groups

1

Description
The intervention group receives training on bowel preparation through video cards and educational videos and researcher descriptions at least two days before colonoscopy. These cards contain good and bad preparation pictures, as well as complications of inadequate bowel preparation and the use of polyethylene glycol.

Category
Diagnosis

2

Description
Control group: The control group will receive all tutorials other than video and video cards
Category
Diagnosis

Recruitment centers

1

Recruitment center
Name of recruitment center
Emam Khomaini educational and treatment centers of Urmia University of Medical Science
Full name of responsible person
Jahanbakhsh Amirarsalani
Street address
Ershad Street-Ayatollah Madras Avenue- Urmia-West Azarbaijan
City
Urmia
Province
West Azarbaijan
Postal code
5714783734
Phone
+98 44 3386 1621
Email
Pariaasal85@gmail.com

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Oroumia University of Medical Sciences
Full name of responsible person
Iraj Mohebe
Street address
Emergency Alley - Resalat Street
City
Urmia
Province
West Azarbaijan
Postal code
5714783734
Phone
+98 44 3193 7224
Email
mohebbi_iraj@yahoo.co.uk
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Oroumia 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
Oroumia University of Medical Sciences
Full name of responsible person
Jahanbakhsh amirarsalani
Position
Nurse
Latest degree
Master
Other areas of specialty/work
Nursery
Street address
Faculty of nursing and midwifery Nazlo,11 th sero Road
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Person responsible for scientific inquiries

Contact
Name of organization / entity
Oroumia University of Medical Sciences
Full name of responsible person
Leyla Alilu
Position
Assistant Professor
Latest degree
Ph.D.
Other areas of specialty/work
Nursery
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5714783734

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+98 44 3386 1621

Email

Alilu@umsu.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Oroumia University of Medical Sciences

Full name of responsible person

Jahanbakhsh Amirarsalani

Position

Nurse

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

Faculty of nursing and midwifery Nazlo,11 th Sero road

City

Urmia

Province

West Azarbaijan

Postal code

5714783734

Phone

+98 44 3386 1621

Email

Pariaasal85@gmail.com

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

Not applicable

Data Dictionary

Not applicable