Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Jul 2026

The effect of postoperative pain assessment and management program on analgesic drug consumption and patient's satisfaction

Protocol summary

Summary

The aim of the study: Determination the effect of Postoperative pain assessment and management program on analgesic drug consumption and patient's satisfaction Design of the study: Non-randomized, single-blind, non-use pain assessment and management programs in control group, application of pain assessment and management programs in the experimental group. A-Study population: All patients admitted for elective surgery, abdominal surgery Inclusion criteria: 1- patients with non-emergency, elective abdominal surgery who are at least 48 hours after admission. 2- full consciousness 3- aged between 18 and 65 years 4- no history of chronic pain in 5- no history of surgery 6- no history of drug use 7- not having any allergic to painkillers 8- Lack of neurologic disease. Exclusion criteria: 1- The lack of cooperation during the study, 2 - Discharge or transfer to another section of Surgery 3- Loss of consciousness for any reason. Sample size: 68 patients B - Intervention Study: The use of pain assessment and management program in experimental group as nurses will be given instructions, in this case the patient pain assessment at the same time control of vital signs and will be reassess the impact necessary medical intervention. C- Intervention Time: Immediately after surgery Up to 48 hours after entered the ward. d- Expected Outcomes: Increased Patient satisfaction and pain control after the employment of pain assessment and management program

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013071013948N1**
Registration date: **2013-08-29, 1392/06/07**
Registration timing: **retrospective**
Last update:
Update count: **0**

Registration date

2013-08-29, 1392/06/07

Registrant information

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Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2012-12-30, 1391/10/10

Expected recruitment end date

2013-01-29, 1391/11/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of postoperative pain assessment and management program on analgesic drug consumption and patient's satisfaction

Public title

Postoperative pain control and satisfaction

Purpose

Treatment

Inclusion/Exclusion criteria
Inclusion criteria: 1- patients with non-emergency, elective abdominal surgery who are at least 48 hours after admission. 2- full consciousness 3- aged between 18 and 65 years 4- no history of chronic pain in 5- no history of surgery 6- no history of drug use 7- not having any allergic to painkillers 8- Lack of neurologic disease. Exclusion criteria: 1- The lack of cooperation during the study, 2 - Discharge or transfer to another section of Surgery 3- Loss of consciousness for any reason.
Age
From **18 years** old to **65 years** old
Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **68**
Randomization (investigator's opinion)
Not randomized
Randomization description
Blinding (investigator's opinion)
Single blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Mashhad University of Medical Sciences
Street address
Mashhad University Ave.
City
Mashhad
Postal code
Approval date
2012-12-08, 1391/09/18
Ethics committee reference number
511/3409

Health conditions studied

1

Description of health condition studied
Acute pain
ICD-10 code
R52.0
ICD-10 code description
Acute pain

Primary outcomes

1

Description
satisfaction
Timepoint
Intervention and control groups before and after the intervention
Method of measurement
Questionnaire to assess the level of satisfaction

Secondary outcomes

1

Description
Dose painkiller
Timepoint
48 hours after surgery
Method of measurement
List the medications used

Intervention groups

1

Description
Training of nurses to pain assess and manage after surgery in the intervention group by the use of specific instructions to the surgical pain management for 48 hours.
Category
Other

2

Description
In the control group, the routine is done and do not cause any intervention.
Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Imam Reza Hospital
Full name of responsible person
Hasanzadeh Farzaneh
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School of Nursing and Midwifery, Mashhad
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Sponsors / Funding sources

1

Sponsor
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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
Mashhad 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

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Web page 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