Clinical Trial Protocol
Iranian Registry of Clinical Trials

25 Jun 2026

Effectiveness of rectus sheath block whit ultrasod gide in abdominal surgery with mid line inscision BESAT hospital HAMADAN in 1394

Protocol summary

Summary

The aim of this study was to evaluate the effectiveness of rectus sheet block under gide of ulterasounde in reduced pain after abdominal surgery whit midline insision and thereby reduce consumption of opium .inclusion craiteria are all elective surgery whit mid line insision : paitiont whit 18 to 79 years old and ASA class 1-2 Who agrees to carry out the plan.paition whit BMI over 35; chronic use of opium and Psychotropic drugs;any complication in surgery ; sensitivity to Bupivacaine ; and Emergent surgery exclluded from study . sample size is 60 person .paiationt randomizede divide in tw group .in intervation group : at the end of surgery befor extubation adminestrade both rectus sheet block in gide of ulterasounde and befor discharg of recovery unite pation take a PCA include morphin and Apotel whit no blouse dose and 0 rate of pomp. in control group such as intervation group , after surgery and befor discharge as recovery unite pation take a PCA white same Specifications The primary consequence of drug consumption in the first twenty-four hours after the operation was evalluated

General information

Acronym

RSB

IRCT registration information

IRCT registration number: **IRCT2015052615696N2**
Registration date: **2016-07-02, 1395/04/12**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-07-02, 1395/04/12

Registrant information

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research and technology, Hamedan University of Medical Sciences

Expected recruitment start date

2015-05-31, 1394/03/10

Expected recruitment end date

2016-04-19, 1395/01/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effectiveness of rectus sheath block whit ultrasod gide in abdominal surgery with mid line inscision BESAT hospital HAMADAN in 1394

Public title

Effectiveness of rectus sheath block in abdominal surgery

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion : age ;ASA class ; persian speaking and aggriation to htis study exclusion : disagriation ; infection or scar in insicion site ;sensitivity to bupivacaien ;

chronic adiction ; any surgical pittwal or complications that not adequate for block ;sleep disorders ;sever obesity BMI over 33

Age
From **17 years** old to **79 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **60**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Triple blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
hamadan medical university

Street address
shariyati square hamadan Iran

City
Hamadan

Postal code
651738678

Approval date
2015-06-23, 1394/04/02

Ethics committee reference number
IR.UMSHA.REC.1394.158

Health conditions studied

1

Description of health condition studied
abdominal pain

ICD-10 code
R10

ICD-10 code description
Abdominal and pelvic pain

Primary outcomes

1

Description
poat operative pain

Timepoint
each 1 hour for 6 hour

Method of measurement
VAS

Secondary outcomes

1

Description
post operative vomitting

Timepoint
each 1 h for 6 h

Method of measurement
number of ondansetron injection

2

Description
post operative opiume use

Timepoint
each 1 h for 6 h

Method of measurement
loss of PCA as cc

Intervention groups

1

Description
after surgery and befor extubation and derssing ,with ultrasond gide ,visibel bolck needel used 20 cc bupivacain 0.125 % in both rectus sheeth and aftr extubation adminestarade PCA in isolated IV line include morphine 5 mg and apotel 2 gr , infusion rate are 0 , no buluse dose peaple initialy accepted this study

Category
Rehabilitation

2

Description
in control group , after acceptance , adminstrated PCA from isolated iv line , include morphin 5 mg & apotel 2 gr in 100 cc normal salin, rate of infusion is 0 and no buluse dose.as intervation group this gr

Category
Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center
Besat Hospital

Full name of responsible person
Farhanchi Afshin md /Keneshlou Farzaneh md

Street address
Best Hospital Motahari blv Hamedan
City
Hamedan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Hamedan University of Medical Sciences
Full name of responsible person
Saeid Bashirian
Street address
Hamadan Lona park Hamedan University of Medical Sciences Vice Chancellor for Reasarch and Technology
City
Hamedan
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Hamedan 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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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