Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

Comparative of Clonidine and conventional methods on post operative analgesia

Protocol summary

Summary

Pain control after surgery is one of the major problems in pediatric anesthesia. The aim of this study was evaluation of two different drugs, petidine for analgesia as a routine procedure and preoperative oral clonidine in prevention of post-operative pain and agitation in children. A total of 44 candidates for elective herniotomy (aged 1 to 3 years) randomly divided into two groups of 22. In the first half hour before induction of anesthesia in the oral clonidine group, 4 micrograms per kilogram with 5 ml / kg / hour for every hour fasting serum 3/2 3/1 received and second group of patients in the recovery room 5/0 mg / kg pethidine received.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012091310340N6**
Registration date: **2012-10-04, 1391/07/13**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2012-10-04, 1391/07/13

Registrant information

Name

Mohammad Aryaie

Name of organization / entity

Golestan University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Golestan university of medical sciences

Expected recruitment start date

2011-04-14, 1390/01/25

Expected recruitment end date

2012-09-02, 1391/06/12

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparative of Clonidine and conventional methods on post operative analgesia

Public title

the survey of comparative of Clonidine and conventional methods on post operative analgesia

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: herniotomy surgery; 1 to 3 years-old.
Exclusion criteria: pain before surgery.

Age

From **1 year** old to **3 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **44**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Golestan uneversity of medical sciences
Street address
Golestan uneversity of medical sciences
City
Gorgan
Postal code
Approval date
2010-06-14, 1389/03/24
Ethics committee reference number
13989.03.24

Health conditions studied

1

Description of health condition studied
herniotomy
ICD-10 code
J98.5
ICD-10 code description
Diseases of mediastinum, not elsewhere classified

Primary outcomes

1

Description
pain
Timepoint
FLACC SCALE
Method of measurement
After surgery

Secondary outcomes

empty

Intervention groups

1

Description
group 2: 0.5 mg / kg pethidine
Category
Treatment - Drugs

2

Description
Group 1:clonidine 4 micrograms per kilogram
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Talghani hospital
Full name of responsible person
Street address
City
Gorgan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Golestan university of mecdical sciences
Full name of responsible person
Dr. Mohamad ali Vakili
Street address
Golestan university of medical sciences
City
Gorgan
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Golestan university of mecdical 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
Golestan university of medical sciences
Full name of responsible person
doctor Abdolrahmane Tofighi Rad
Position

specialist
Other areas of specialty/work
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Contact
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master
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Person responsible for updating data

Contact
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Bachelor
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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