

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 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, pethidine 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

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Iran (Islamic Republic of)

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aryaie@goums.ac.ir

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 university of medical sciences

Street address

Golestan university 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 medical 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 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**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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Person responsible for scientific inquiries

Contact

Name of organization / entity

Golestan university of medical sciences

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Mohamad Aryaie

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master

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Person responsible for updating data

Contact

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Full name of responsible person

Amin Hassanzad

Position

Bachelor

Other areas of specialty/work

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hassanzad_amin@yahoo.com

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