

Clinical Trial Protocol

Iranian Registry of Clinical Trials

23 Sep 2026

Comparison assessment between one /two days clear liquid diet with Pydrolax and Bisacodil suppositore for bowel preparation for performing colonoscopy in children over two years referred to Pediatric Medical Center

Protocol summary

Summary

The aim of this prospective double blinded randomized study was comparison assessment between one/ two day clear liquids with Pydrolax and Bisacodil suppository (group A and B)for performing colonoscopy on one hundred children over two years referred to endoscopy ward of Children Medical Centerfor a year except emergency colonoscopies. Patients satisfaction, regimens compliance ,relationship between defecation frequency ,saline enema performance,colonoscopy completion and type of regimens and colonoscopy indication were also compared in both groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013121515802N1**

Registration date: **2014-01-03, 1392/10/13**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-01-03, 1392/10/13

Registrant information

Name

Sanaz Mehrabani

Name of organization / entity

Tehran University of Medical Sciences, pediatric medical center

Country

Iran (Islamic Republic of)

Phone

+98 21 61479

Email address

s-mehrabani@razi.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences

Expected recruitment start date

2012-10-22, 1391/08/01

Expected recruitment end date

2013-10-23, 1392/08/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison assessment between one /two days clear liquid diet with Pydrolax and Bisacodil suppositore for bowel preparation for performing colonoscopy in children over two years referred to Pediatric Medical Center

Public title

Effect of Pydrolax and Bisacodil for bowel preparation for colonoscopy in children

Purpose

Diagnostic

Inclusion/Exclusion criteria

Inclusion criteria:All of the children over two years; with colonoscopy indication. Exclusion critria:Patients with cardiac;nephrologic; metabolic disorder; known case of allergy to Pydrolax/Bisacodil; clinical picture of moderate to severe colitis; fecal impaction; emergency colonoscopy.

Age

From **2 years** old to **14 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **100**

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

Tehran Univesity of Medical Sciences

Street address

Ghods street, Tehran University of Medical Sciences

City

Tehran

Postal code

14155/6447

Approval date

2013-05-18, 1392/02/28

Ethics committee reference number

1008

Health conditions studied

1

Description of health condition studied

Bowel preparation

ICD-10 code

Z43.4

ICD-10 code description

Attention to other artificial openings of digestive tract

Primary outcomes

1

Description

Quality of bowel preparation

Timepoint

After one or two days regime performance

Method of measurement

Boston bowel preparation

Secondary outcomes

1

Description

Regime side effects

Timepoint

After one or two days of regime performance

Method of measurement

Asking question from child or Parents

2

Description

Defication frequency

Timepoint

After one or two days of regime performance

Method of measurement

Asking question from child or Parents

3

Description

Regime compliance

Timepoint

After one or two days of regime performance

Method of measurement

Asking question from child or Parents

4

Description

Colonoscopy completion

Timepoint

After one or two days of regime performance

Method of measurement

Ability to inspect secum and terminal ileum

5

Description

Regime satisfaction

Timepoint

After one or two days of regime performance

Method of measurement

Asking question from child or Parents

Intervention groups

1

Description

Suggest oneday clear liquid with Pydrolax2 gr/kg/day divided in to two doses and Bisacodil suppository5 mg /BD to 50 patients a day before colonoscopy (groupA)

Category

Other

2

Description

Or suggest two day clear liquid wih Pydrolax 1/5 gr/kg /day divided in to two doses and Bisacodil suppository BD to other 50 patients two days before colonoscopy (group B)

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Children Medical Center

Full name of responsible person

Dr Sanaz Mehrabani

Street address

Gharib street, Keshavarz Boulevard, Tehran, Iran

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research center of Pediatric Medical Center

Full name of responsible person

DrAli Rabbani

Street address

Gharib street, Keshavarz Boulevard, Tehran, Iran

City

Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Research center of Pediatric Medical Center

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

Tehran University of Medical Sciences Pediatric
Medical Center

Full name of responsible person

Dr Sanaz Mehrabani

Position

Fellow of pediatric gastroenterology

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences Pediatric
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Full name of responsible person

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Position

professor of pediatric gastroenterology

Other areas of specialty/work

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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