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 defication 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
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Sanaz Mehrabani
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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 prepraration 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
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Research center of Pediatric Medical Center
Full name of responsible person
DrAli Rabbani
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Gharib street, Keshavarz Boulevard, Tehran, Iran
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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
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
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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