

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

17 Sep 2026

### The comparison of saline enema and bisacodyle in rectal preparation before anorectal surgery

#### Protocol summary

##### Summary

This is a randomized clinical trial study. Sixty hospitalized patients for Anorectal surgery (Hemorrhoid, Fisher and Fistula) will be recruited by convenient sampling and then randomly allocated receive 500cc Saline or 6 Bizacodil tablets (from Sobhan company) beginning from a day before operation in order to bowel preparation. Then, participants will be operated with similar anesthesia method. Surgeon's and patient's satisfaction and complications of surgery will be evaluated and compared between groups.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT138905094477N1**  
Registration date: **2010-09-16, 1389/06/25**  
Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2010-09-16, 1389/06/25

##### Registrant information

###### Name

Ahmad Amouzeschi

###### Name of organization / entity

Birjand University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 56 1443 0142

###### Email address

amouzesiahmad@bums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Birjand University of Medical Sciences

##### Expected recruitment start date

2010-05-25, 1389/03/04

##### Expected recruitment end date

2011-11-25, 1390/09/04

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The comparison of saline enema and bisacodyle in rectal preparation before anorectal surgery

##### Public title

The comparison of two different methods in rectal preparation before anorectal surgery

##### Purpose

Supportive

##### Inclusion/Exclusion criteria

Inclusion criteria: age 20-60, hospitalized patients for Anorectal surgery, willingness to participate  
Exclusion criteria: pregnancy, breast feeding, presence of severe cardiac or renal diseases

##### Age

From **20 years** old to **60 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)**

Double blinded

**Blinding description****Placebo**

Not used

**Assignment**

Parallel

**Other design features****Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

Birjand University of Medical Sciences

**Street address**

Birjand University of Medical Sciences, Ghafari street

**City**

Birjand

**Postal code****Approval date**

2010-06-01, 1389/03/11

**Ethics committee reference number**

23904

**Health conditions studied****1****Description of health condition studied**

Chronic anal fissure

**ICD-10 code**

K60.1

**ICD-10 code description**

Chronic anal fissure

**2****Description of health condition studied**

Anal fistula

**ICD-10 code**

K60.3

**ICD-10 code description**

Anal fistula

**3****Description of health condition studied**

Hemorrhoid

**ICD-10 code****ICD-10 code description****Primary outcomes****1****Description**

Surgeon's satisfaction

**Timepoint**

After surgery

**Method of measurement**

Form that provided by researcher

**2****Description**

Patient's satisfaction

**Timepoint**

After surgery

**Method of measurement**

Form that provided by researcher

**Secondary outcomes****1****Description**

Operation complications

**Timepoint**

10 days after surgery

**Method of measurement**

Check list

**Intervention groups****1****Description**

500cc Salin the night before surgery

**Category**

Other

**2****Description**

6 Bizacodil tablets, every 4 hours, since the noon before surgery

**Category**

Treatment - Drugs

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Emam Reza Hospital

**Full name of responsible person****Street address****City**

Birjand

**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Birjand University of Medical Sciences  
**Full name of responsible person**  
 Dr Mohammad Dehghani Firoozabadi  
**Street address**  
 Birjand University of Medical Sciences, Ghafari street  
**City**  
 Birjand  
**Grant name**  
**Grant code / Reference number**  
**Is the source of funding the same sponsor organization/entity?**  
 Yes  
**Title of funding source**  
 Birjand 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**  
 Birjand University of Medical Sciences  
**Full name of responsible person**  
 Dr Ahmad Amouzeschi  
**Position**  
 Public surgery/Chancellor for Students Affairs and Culture  
**Other areas of specialty/work**  
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 amozeshia841@mums.ac.ir

## Web page address

## Person responsible for scientific inquiries

**Contact**  
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## Person responsible for updating data

### Contact

## 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*