Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Efficacy of Aloe Vera on treatment of chronic anal fissure

Protocol summary

Summary

The aim of this Clinical Trial study is to evaluate the effect of Aloe Vera cream on treatment of chronic anal fissures. Thirty patients with chronic anal fissure will be enrolled in this study. The exclusion criteria are other anorectal diseases, addiction, alcohol usage, pregnancy and hypersensitivity to Aloe Vera products. Patients are 20-70 years old with chronic anal fissure. Patients will receive Aloe Vera cream in specific tube and be educated that consume 3 gr of this cram three times daily for 3 weeks. Patient will be visited every week for 3 weeks. Reducing in pain, bleeding and wound inflammation are outcomes of this intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138801151786N1**
Registration date: **2009-06-24, 1388/04/03**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2009-06-24, 1388/04/03

Registrant information

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Name of organization / entity
Mazandaran University of Medical Sciences
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Iran (Islamic Republic of)
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nrahmani@mazums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mazandaran University of Medical Sciences and health services

Expected recruitment start date

2008-12-21, 1387/10/01

Expected recruitment end date

2009-01-20, 1387/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Efficacy of Aloe Vera on treatment of chronic anal fissure

Public title

Efficacy of Aloe Vera on treatment of chronic anal fissure

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients 20-70 years old with chronic anal fissure Exclusion criteria: other anorectal diseases, addiction, alcohol usage, pregnancy and hypersensitivity to aloe Vera products

Age

From **20 years** old to **70 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **31**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Mazandaran University of Medical Sciences
Street address
Imam Sq, Joybar 3way, Start of valiye asr highway
City
Sari
Postal code
Approval date
2009-05-01, 1388/02/11
Ethics committee reference number
120-87

Health conditions studied

1

Description of health condition studied
chronic anal fissure
ICD-10 code
K60.1
ICD-10 code description
Chronic anal fissure

Primary outcomes

1

Description
pain after defication
Timepoint
1.2.3.4.5.6 weeks after treatment
Method of measurement
VAS

2

Description
bleeding
Timepoint
1.2.3.4.5.6 weeks after treatment
Method of measurement
question

Secondary outcomes

1

Description
wound healing
Timepoint
1,2,3,4,5,6 weeks after treatment
Method of measurement
obsevation

Intervention groups

1

Description
Aloe Vera cream 3 gr, three times daily for 3 weeks
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Iimam khomaini hospital
Full name of responsible person
Nasrin Rahmani
Street address
Razi street- Imam khomani hospital-general surjery department
City
Sari

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Mazandaran University of Medical Sciences
Full name of responsible person
Sayed Jalal Hosseini mehr
Street address
Moalem sq.
City
Sari
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Mazandaran 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
Mazandaran Univercity of medical sciences and Health services
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Person responsible for updating data

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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