Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Jump Technique, a new innovation for treatment of the anal fistula and its outcome in simple and complex group

Protocol summary

Summary

Our aim is to introduce a new technique named Jump to help further the surgeons in the management of anal fistulae and to reduce further the complications. In this study every patient with anal fistula of cryptoglandular origin from 20 to 70 years included, and patient with anal fistula due to trauma, Inflammatory bowel disease, Irradiation, pilonidal sinus and cases with previous anal incontinence were excluded.Every patient with anal discharge who refered to the surgical clinic of Shohade-e-Tajrish Medical Center were considered as our understudy population.Our cases includs patients with chronic anal discharge which after excluding the patients with non cryptoglandular origin should include fifty patients to reach the optimum number of this study.In this technique at first step, external os and tract was dissected by cautery and followed to reach the rectal wall.At second step, an incision was made at anal verge and subanodermal pocket was created and followed up to internal os.This two tunnel interconnected to each other by puncturing the rectal wall. At third step the tract was delivered from existing site to subanodermal position and fixed there.Our sampling will go on up to 2015/01/01 .Pilot study showed no any adverse effect.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015012720831N1**
Registration date: **2015-02-20, 1393/12/01**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-02-20, 1393/12/01

Registrant information

Name

Jalaluddin Khoshnevis

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Country

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Recruitment status

Recruitment complete

Funding source

Mr Afshin Zarghie ,Shahid Beheshti University of Medical Sciences (SBMU) ,Deputy of Research

Expected recruitment start date

2012-01-01, 1390/10/11

Expected recruitment end date

2015-01-01, 1393/10/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Jump Technique, a new innovation for treatment of the anal fistula and its outcome in simple and complex group

Public title

A new technique (JUMP) in surgery of anal fistula

Purpose

Treatment

Inclusion/Exclusion criteria

All patients with cryptoglandular fistula aged 20 to 70 years were enrolled and in the case of anal fistula due to trauma, inflammatory bowel disease, radiation, or Pilonidal sinus or Pilonidal Sinus with previous

incontinence were excluded . Inclusion criteria:Cryptoglandular fistula; Age from 20 to 70 years old Exclusion criteria:Anal fistula due to trauma; Inflammatory bowel disease; Irradiation; Pilonidal sinus;and cases with previous anal incontinence

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

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **70**

Randomization (investigator's opinion)
N/A

Randomization description

Blinding (investigator's opinion)
Single blinded

Blinding description

Placebo
Not used

Assignment
Other

Other design features
Anal pain and contour were also studied.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Shahid Beheshti University of Medical Sciences

Street address
Velenjak St. , Shahid Chamran Highway

City
Tehran

Postal code
1985717443

Approval date
2013-01-05, 1391/10/16

Ethics committee reference number
129th Ethical Committee

Health conditions studied

1

Description of health condition studied
Anal fistula

ICD-10 code
K60.3

ICD-10 code description
Anal fistula

Primary outcomes

1

Description
Minor and major fecal incontinence

Timepoint
Weekly for one month, monthly for one year, every three month for three years

Method of measurement
By the table of FISI if incontenance is present

Secondary outcomes

1

Description
Anal pain

Timepoint
Day 1,2,3 after operation

Method of measurement
By VAS

2

Description
Anal discharge

Timepoint
monthly up to three years

Method of measurement
Physical examination

Intervention groups

1

Description
A clinical trial in which the outcome of JUMP technique for the treatment of anal fistula was evaluated. In this technique the fistula tract is trans located to subanodermal position whithout sphicter muscle cutting.

Category
Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center
Shoha-e- Tajrish Medical Center

Full name of responsible person
Jalaluddin Khoshnevis

Street address
Tajrish Square

City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Shahid Beheshti University of Medical Sciences
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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
Shahid Beheshti 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
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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