

Clinical Trial Protocol

Iranian Registry of Clinical Trials

12 Jul 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 referred to the surgical clinic of Shohade-e-Tajrish Medical Center were considered as our understudy population. Our cases include 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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Email address

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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 incontinence 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 whitout 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

Full name of responsible person

Tavirani Rezaei Mostafa

Street address

Velenjak St. , Shahid Chamran Highway

City

Tehran

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

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Jalaluddin Khoshnevis

Position

Associate Professor of Surgery

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