

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Skin bridge versus rod colostomy in children: comparison of complication

Protocol summary

Ahvaz Jundishapur University of Medical Sciences

Summary

Introduction and aim: Due to economic problem, sigmoid loop colostomy using glass rod may cause problems for our patients for finding glass rod and several visits. So we decided to compare rod versus skin bridge colostomy. Design: case-control Inclusion criteria: all children who are candidate for colostomy were included. Procedures: Patients underwent skin bridge or rod colostomy Outcome measures: Infection, retraction, and prolapse of colostomy were compared.

Expected recruitment start date

2011-03-28, 1390/01/08

Expected recruitment end date

2012-03-20, 1391/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

colostomy

IRCT registration information

IRCT registration number: **IRCT201111098037N1**

Registration date: **2012-12-23, 1391/10/03**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-12-23, 1391/10/03

Registrant information

Name

Shahnam Askarpour

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 1221 6501

Email address

shahnam_askarpour@yahoo.com

Recruitment status

Recruitment complete

Funding source

Scientific title

Skin bridge versus rod colostomy in children: comparison of complication

Public title

Comparison of complication of colostomy with two methods in children

Purpose

Treatment

Inclusion/Exclusion criteria

All children cases who are candidate for colostomy were included in this study

Age

To **16 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **42**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ahvaz Jundishapur University of Medical Sciences

Street address

Ahvaz

City

Ahvaz

Postal code

Approval date

2010-10-29, 1389/08/07

Ethics committee reference number

ETH-257

Health conditions studied

1

Description of health condition studied

Colostomy

ICD-10 code

K91.04

ICD-10 code description

Colostomy and enterostomy malfunction

Primary outcomes

1

Description

prolapse

Timepoint

30 days

Method of measurement

Observation

2

Description

retraction

Timepoint

30 days

Method of measurement

observation

3

Description

infection

Timepoint

30 days

Method of measurement

observation

Secondary outcomes

1

Description

duration of surgery

Timepoint

during operation

Method of measurement

chronometer

Intervention groups

1

Description

Colostomy with skin bridge versus rod glass

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Khomeini Hospital

Full name of responsible person

Street address

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Full name of responsible person

Dr. Mostafa Fegghi

Street address

Ahvaz

City

Ahvaz

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Ahvaz Jundishapur 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

Phone
+98 61 1221 6504
Fax
Email
shahnam_askarpour@yahoo.com
Web page address

Person responsible for general inquiries

Contact

Name of organization / entity
Ahvaz Jundishapur University of Medical sciences
Full name of responsible person
Shahnam Askarpour
Position
Associate Professor
Other areas of specialty/work
Street address
Dept. of Surgery, Imam Khomeini Hospital
City
Ahvaz
Postal code
Phone
+98 61 1221 6504
Fax
Email
shahnam_askarpour@yahoo.com
Web page address

Person responsible for updating data

Contact

Name of organization / entity
Ahvaz Jundishapur University of Medical Sciences
Full name of responsible person
Shahnam Askarpour
Position
Associate Prof. of Surgery
Other areas of specialty/work
Street address
Imam Khomeini Hospital
City
Ahvaz
Postal code
Phone
00
Fax
Email
shahnam_askarpour@yahoo.com
Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Ahvaz Jundishapur University of Medical Sciences
Full name of responsible person
Shahnam Askarpour
Position
Associate Professor
Other areas of specialty/work
Street address
Dept. of Surgery, Imam Khomeini Hospital
City
Ahvaz
Postal code

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