Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

A comparative study of suturless circumcision and conventional circumcision with suture

Protocol summary

Summary

This study is a single blind, randomized clinical trial. The purpose of this study is comparision between complications of conventional surgical circumcision without sutures and with sutures in children reffered to Imam Reza hospital of Kermanshah. 100 patients were randomized into two groups, circumcision Procedure without stitches and conventional. Inclusion criteria is all children referred for circumcision to Imam Reza hospital. The group operates without using sutures, after removing the foreskin and mucosal cuff, after sufficient hemostasis operation completed. In group with suture by using absorbable string, foreskin and mucosal cuff approximate. Patients in both groups will be followed for first week and first month, and will examine the effects of bleeding and infection. Data from the two groups will be compared in the study.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013020512368N1**
Registration date: **2013-06-18, 1392/03/28**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2013-06-18, 1392/03/28

Registrant information

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Recruitment status

Recruitment complete

Funding source

Kermanshah University of Medical Sciences

Expected recruitment start date

2011-03-21, 1390/01/01

Expected recruitment end date

2012-03-20, 1391/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

A comparative study of suturless circumcision and conventional circumcision with suture

Public title

comparision between two methods of circumcision

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Children referred for circumcision to Imam Reza Hospital. Exclusion criteria: Children whose parents did not consent to circumcision procedure without suture.

Age

To **12 years** old

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size
Target sample size: **100**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Single blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics Committee of Kermanshah University of Medical Sciences

Street address
Vice Chancellor for research, Kermansha University of Medical Sciences, Shahid Beheshti Blvd, Kermanshah

City
Kermanshah

Postal code

Approval date
2012-08-08, 1391/05/18

Ethics committee reference number
7/420/19129/پ

Health conditions studied

1

Description of health condition studied
Circumcision

ICD-10 code
Z41.2

ICD-10 code description
Routine and ritual circumcision

Primary outcomes

1

Description
bleeding

Timepoint
One week and one month after surgery

Method of measurement
Surgeon diagnosis

2

Description
Infection

Timepoint
One week and one month after surgery

Method of measurement
Surgeon diagnosis

3

Description
Inflamation

Timepoint
One week and one month after surgery

Method of measurement
Surgeon diagnosis

Secondary outcomes

empty

Intervention groups

1

Description
In circumcision surgery without sutures, the string is not used to repair.

Category
Treatment - Surgery

2

Description
In conventional surgical technique, Absorbable suture to approximate the foreskin and mucosal cuff is used.

Category
Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center
Imam Reza hospital of Kermanshah

Full name of responsible person
Ardalan Solimani

Street address
Imam Reza hospital, Parastar Blvd, Kermanshah

City
Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor for research, Kermanshah University of Meical Sciences

Full name of responsible person
Farid Najafi
Street address
Vice Chancellor for research, Kermanshah University of Meical Sciences, Shahid Beheshti Blvd, Kermanshah University of Medical Sciences
City
Kermanshah
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice Chancellor for research, Kermanshah University of Meical 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

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Name of organization / entity
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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