**A comparative study of sutureless circumcision and conventional circumcision with suture**

**Protocol summary**

**Summary**
This study is a single blind, randomized clinical trial. The purpose of this study is comparison between complications of conventional surgical circumcision without sutures and with sutures in children referred 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

**Registrant information**

**Name**
Ardalan Solimani

**Name of organization / entity**
Kermanshah University of Medical Sciences

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Iran (Islamic Republic of)

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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 sutureless circumcision and conventional circumcision with suture

**Public title**
comarison 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**
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

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, Kermanshah 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/

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

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

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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 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
empty

Type of organization providing the funding
empty

Person responsible for general inquiries

Contact
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