Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Comparative study between interrupted suture and continuous suture in Snodgrass surgery techniques for hypospadias repair

Protocol summary

Summary

This study is a randomized clinical trial with 80 patients between 1 to 12 years old with ant or mid hypospadiasis without chordea. They will be operated by two methods of interrupted and continues suturing. All of the surgery will be done by one expert surgeon and assistant. These patients will be visited one week and three months after stent removal for comparison of success and side effects of these two methods.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201107257110N1**
Registration date: **2012-05-04, 1391/02/15**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2012-05-04, 1391/02/15

Registrant information

Name

Amir Afyooni

Name of organization / entity

Kermanshah university of medical sciences

Country

Iran (Islamic Republic of)

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dr.afyooni@kums.ac.ir

Recruitment status

Recruitment complete

Funding source

Kermanshah university of medical sciences

Expected recruitment start date

2011-07-02, 1390/04/11

Expected recruitment end date

2011-12-02, 1390/09/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparative study between interrupted suture and continuous suture in Snodgrass surgery techniques for hypospadias repair

Public title

Comparing two methods of suturing in repairing hypospadiasis using Snodgrass technique

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: affliction of anterior or middle hypospadiasis; age between 1 to 12 years. Exclusion criteria: history of circumcision; history of any treatment in past; history of chordea of penis.

Age

From **1 year** old to **12 years** old

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **80**

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
Kermanshah university of medical sciences
Street address
kermanshah University of Medical Sciences, Shahid Beheshti blvd.
City
Kermanshah
Postal code
Approval date
2011-06-28, 1390/04/07
Ethics committee reference number
7/420/102/پ

Health conditions studied

1

Description of health condition studied
hypospadias
ICD-10 code
Q54
ICD-10 code description
Hypospadias

Primary outcomes

1

Description
Fistule
Timepoint
One week and three months after intervention
Method of measurement
Visiual

2

Description
Urethral stricture
Timepoint
One week and three months after intervention
Method of measurement
Unpossibility of insertion of 6 or 8 fr stent through newly made urethra

3

Description
Break down of the repair
Timepoint
One week and three months after intervention
Method of measurement
Visual

Secondary outcomes

1

Description
Time of the operation
Timepoint
From the first incision until dressing the wound
Method of measurement
Minute

Intervention groups

1

Description
tubularization in Snodgrass technique by continues sutures
Category
Treatment - Surgery

2

Description
tubularization in Snodgrass technique by separate sutures
Category
Treatment - Surgery

Recruitment centers

1

Recruitment center
Name of recruitment center
Emam Reza hospital
Full name of responsible person
Amir Afyooni
Street address
Emam reza hospital, Zakariya Razi blvd
City
Kermanshah

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Kermanshah university of medical sciences
Full name of responsible person
Dr Mahmudreza Moradi
Street address

Vice chancellery for research & technology, Kermanshah university of medical sciences, building 2, Shahid Beheshti blvd.

City

Kermanshah

Grant name

Grant code / Reference number

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

Yes

Title of funding source

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

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Kermanshah university of medical sciences

Full name of responsible person

Amir Afyooni

Position

Resident of urology

Other areas of specialty/work

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Amir Afyooni

Position

Physician

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General Physician

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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