

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

18 Sep 2026

### comparison of combined electro cutter with cold knife with cold knife in the intractable anterior urethral stricture urethrotomy

#### Protocol summary

##### Summary

The main aim of this study was to use of combined electro cutter – cold knife urethrotomy In comparison of only cold knife urethrotomy for decreasing recurrence and complication rates in recurrent anterior urethral strictures. The including key criteria in this study were anterior short, single and recurrent strictures (more than two time recurrence) and the excluding key criteria were anterior long, multiple, and first time urethral strictures, and also posterior urethral strictures. In this prospective study 87 male anterior recurrent urethral stricture patient with 18 years old and older were in rolled from the first of May 2010 to the first of Jun 2013. Our patients randomized to two groups by computer generated random numbers. In group A, 45 patients urethrotomised by combined electro cutter – cold knife, and in group B , urethrotomy was performed only by cold knife. Patients followed for 6 months (in 15, 30, and 180 day durations). Follow-up procedures were physical examinations, uroflowmetry,retrograde urethrography , and record of any complication symptoms in every duration. Urethral stricture improving and urethral stricture recurrent rate as primary out comes assisted by uroflowmetry and retrograde urethrography in 15,30 and 180 day durations after intervention .

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT201501071981N5**

Registration date: **2015-01-15, 1393/10/25**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2015-01-15, 1393/10/25

#### Registrant information

##### Name

Ali Asghar Ketabchi

##### Name of organization / entity

Kerman University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 34 1211 4348

##### Email address

a\_ketabchi@kmu.ac.ir

#### Recruitment status

##### Recruitment complete

#### Funding source

Physiology Research Center , Kerman University of Medical Sciences

#### Expected recruitment start date

2010-05-01, 1389/02/11

#### Expected recruitment end date

2013-06-01, 1392/03/11

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### Scientific title

comparison of combined electro cutter with cold knife with cold knife in the intractable anterior urethral stricture urethrotomy

#### Public title

Evaluation of combined electro cutter urethrotomy in the intractable anterior urethral stricture

#### Purpose

Treatment

#### Inclusion/Exclusion criteria

Inclusion criteria :anterior urethral stricture;short and single urethral stricture;recurent urethral stricture

exclusion criteria :posterior urethral stricture;long and multiple anterior urethral stricture;first time urethral stricture

**Age**  
From **18 years** old to **45 years** old

**Gender**  
Male

**Phase**  
N/A

**Groups that have been masked**  
*No information*

**Sample size**  
Target sample size: **87**

**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**  
Kerman University of Medical Science Research Center

**Street address**  
Kerman University of Medical Science

**City**  
Kerman

**Postal code**

**Approval date**  
2010-08-20, 1389/05/29

**Ethics committee reference number**  
k/372/93

## Health conditions studied

### 1

**Description of health condition studied**  
urethral stricture

**ICD-10 code**  
N99.1

**ICD-10 code description**  
Postprocedural urethral stricture

## Primary outcomes

### 1

**Description**  
urethral stricture improve

**Timepoint**  
15day ,30 day , and 3 months after intervention

**Method of measurement**  
uroflowmetry

### 2

**Description**  
urethral stricture recurrent rate

**Timepoint**  
15day ,30 day , and 3 months after intervention

**Method of measurement**  
uroflowmetry and retrograde urethrography

## Secondary outcomes

### 1

**Description**  
dysuria

**Timepoint**  
15day ,30 day , and 3 months after intervention

**Method of measurement**  
questionnaire

### 2

**Description**  
quality of life

**Timepoint**  
15day ,30 day , and 3 months after intervention

**Method of measurement**  
questionnaire

## Intervention groups

### 1

**Description**  
in Intervention group :urethrotomy performed by an optical combined electrocutter-cold knife urethrotom internally in one stage

**Category**  
Treatment - Surgery

### 2

**Description**  
in control group:urethrotomy performed by a cold knife urethrotom internally in one stage

**Category**  
Treatment - Surgery

## Recruitment centers

### 1

**Recruitment center**

**Name of recruitment center**  
Bahonar Hospital (urology department)  
**Full name of responsible person**  
Dr.Ali Asghar Ketabchi  
**Street address**  
Bahonar Hospital urology department  
**City**  
kerman

a\_ketabchi@kmu.ac.ir  
**Web page address**

## Person responsible for scientific inquiries

**Contact**  
**Name of organization / entity**  
Kerman University of Medical Sciences  
**Full name of responsible person**  
Dr.Ali Asghar Ketabchi  
**Position**  
Urology Associate Proferssor  
**Other areas of specialty/work**  
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a\_ketabchi@kmu.ac.ir  
**Web page address**

## Sponsors / Funding sources

### 1

**Sponsor**  
**Name of organization / entity**  
Physiology Research Center , Kerman University of Medical Sciences  
**Full name of responsible person**  
Dr. Hamid Najafi  
**Street address**  
Research Building, Somaie Square  
**City**  
kerman  
**Grant name**  
**Grant code / Reference number**  
**Is the source of funding the same sponsor organization/entity?**  
Yes  
**Title of funding source**  
Physiology Research Center , Kerman 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 updating data

**Contact**  
**Name of organization / entity**  
Kerman University of Medical Sciences  
**Full name of responsible person**  
Dr.Ali Asghar Ketabchi  
**Position**  
Urology Associate Professor  
**Other areas of specialty/work**  
**Street address**  
Urology Department, Bahonar Hospital  
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## Person responsible for general inquiries

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**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*