

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Jun 2026

Comparing surgery speed and complications of two methods of urology surgery: Laparoscopic trocar insertion (Hasson and Visiport)

Protocol summary

Study aim

Comparing surgery speed and complications of two methods of urology surgery: Laparoscopic trocar insertion (Hasson and Visiport)

Design

The study group was patients undergoing urology, randomized clinical trial with parallel groups and 100 subjects.

Settings and conduct

In this study, patients were randomly divided to two group. One group were treated with Visiport laparoscopic method and other group Hasson surgery

Participants/Inclusion and exclusion criteria

Inclusion criteria: Patients who were underwent urological surgery Exclusion criteria: Coagulopathy, abdominal infection , history of abdominal surgery, ascites and age under 18 years

Intervention groups

Urological Surgery

Main outcome variables

Speed and complication of surgery

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180209038673N2**

Registration date: **2018-06-22, 1397/04/01**

Registration timing: **retrospective**

Last update: **2018-06-22, 1397/04/01**

Update count: **0**

Registration date

2018-06-22, 1397/04/01

Registrant information

Name

Robab Sheikhpour

Name of organization / entity

Country

Iran (Islamic Republic of)

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+98 35 3623 5958

Email address

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Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2016-03-10, 1394/12/20

Expected recruitment end date

2017-09-11, 1396/06/20

Actual recruitment start date

2016-04-08, 1395/01/20

Actual recruitment end date

2018-01-10, 1396/10/20

Trial completion date

empty

Scientific title

Comparing surgery speed and complications of two methods of urology surgery: Laparoscopic trocar insertion (Hasson and Visiport)

Public title

Comparison of two methods of laparoscopic trocar insertion (Hasson and Visiport) in urologic surgery

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Patients were underwent urological surgery

Exclusion criteria:

Having coagulopathy, abdominal infection , history of abdominal surgery, ascites and age under 18 years old

Age

From **18 years** old

Gender

Both

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **100**Actual sample size reached: **100****Randomization (investigator's opinion)**

Randomized

Randomization description

We divided each referral to two groups using randomized table. Consider number 1-50 for intervention A and 51-100 for for intervention B. Then lets move on one of the numbers and move one of the present direction and assign the numbers to one of the groups. Thus patients were randomly divided.

Blinding (investigator's opinion)

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

In this study, 100 patients were randomly to two groups. One group were underwent Hasson surgery and another group Visiport surgery

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics committee of Isfahan University of Medical Sciences

Street address

Isfahan University of Medical Science, Hezar Jarib street, Isfahan

City

اصفهان

Province

Isfahan

Postal code

8174673461

Approval date

2016-12-30, 1395/10/10

Ethics committee reference number

396088

Health conditions studied**1****Description of health condition studied**

Urological diseases

ICD-10 code

N30-N39

ICD-10 code description

Other diseases of urinary system

Primary outcomes**1****Description**

speed of laparoscopy

Timepoint

During surgery

Method of measurement

The mean time

Secondary outcomes**1****Description**

Infection

Timepoint

One week after surgery

Method of measurement

Via blood

Intervention groups**1****Description**

Intervention group: Hasson surgery

Category

Treatment - Surgery

2**Description**

Intervention group: Visiport Surgery

Category

Treatment - Surgery

Recruitment centers**1****Recruitment center****Name of recruitment center**

Alzahra hospital

Full name of responsible person

Matin Shirani

Street address

Alzahra hospital, Soffeh Blvd, Keshvari Street

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Research Deputy of Isfahan University of Medical Sciences

Full name of responsible person
Ahmad Movahedian Atar

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Grant name

Grant code / Reference number

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

Title of funding source
Research Deputy of Isfahan University of Medical Sciences

Proportion provided by this source
100

Public or private sector
Public

Domestic or foreign origin
Domestic

Category of foreign source of funding
empty

Country of origin

Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact

Name of organization / entity
Esfahan University of Medical Sciences

Full name of responsible person
Matin Shirani

Position
Resident

Latest degree
Medical doctor

Other areas of specialty/work
Urology

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available