

# 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)

##### Phone

+98 35 3623 5958

##### Email address

r.sheikhpour@yahoo.com

##### 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

**City**

Isfahan

**Province**

Isfahan

**Postal code**

8174675731

**Phone**

+98 31 3620 2020

**Email**

matinshirani1987@gmail.com

**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

**Street address**

Isfahan University of Medical Sciences, Hezar Jarib

**City**

Isfahan

**Province**

Isfahan

**Postal code**

8174673461

**Phone**

+98 31 3620 2020

**Email**

MatinShirani1987@gmail.com

**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

**Street address**

Isfahan university of Medical Sciences, Hezar Jareeb

street

**City**

Isfahan

**Province**

Isfahan

**Postal code**

8174673461

**Phone**

+98 31 3620 2020

**Email**

Matinshirani1987@gmail.com

**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Esfahan University of Medical Sciences

**Full name of responsible person**

Matin Shirani

**Position**

Resident

**Latest degree**

Medical doctor

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Urology

**Street address**

Isfahan University of Medical Sciences, Hezar Jarib Street

**City**

Isfahan

**Province**

Isfahan

**Postal code**

983136202020

**Phone**

+98 31 3620 2020

**Email**

Matinshirani1987@gmail.com

**Person responsible for updating data****Contact****Name of organization / entity**

Esfahan University of Medical Sciences

**Full name of responsible person**

Matin Shirani

**Position**

Resident

**Latest degree**

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**Province**

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**Postal code**

8174673461

**Phone**

+98 31 3620 2020

**Email**

matinshirani1987@gmail.com

**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