

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Evaluation of early removal of urinary catheter after rectal cancer surgery in urinary problems incidence

Protocol summary

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Summary

Objective of this quasi-experimental study: Evaluation the effect of early removal (on the first day after surgery) of urinary catheter, on the rate of urinary complications in patients who undergone rectal cancer surgery. Design of study: Inclusion criteria: Candidate for rectal cancer surgery; Both male and female; Exclusion criteria: Previous history of urinary infectious; Previous history of urinary retention and incontinence; Sample size: 80 patients. Blinding and randomization: Not conducted. Center: Single center (Imam Hossein hospital). Intervention: Removal of urinary catheter on post-operative day. Main outcomes: Urinary complications such as retention and urinary incontinence.

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Shahid Beheshti University of Medical Sciences

Expected recruitment start date

2015-04-21, 1394/02/01

Expected recruitment end date

2016-04-20, 1395/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017072635290N1**

Registration date: **2017-08-18, 1396/05/27**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-08-18, 1396/05/27

Registrant information

Name

Bita Eslami

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

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Email address

Scientific title

Evaluation of early removal of urinary catheter after rectal cancer surgery in urinary problems incidence

Public title

Early removal of urinary catheter in patients who undergone cancer surgery

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Candidate for rectal cancer surgery; Both male and female; Exclusion criteria: Previous history of urinary infectious; Previous history of urinary retention and incontinence;

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 80

Randomization (investigator's opinion)

N/A

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Single

Other design features

Quasi-experimental study

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**Ethics committee of Shahid Beheshti University of
Medical Sciences**Street address**3rd floor, Medical School, Next to Taleghani hospital,
Chamran Highway**City**

Tehran

Postal code

1985717434

Approval date

2016-09-22, 1395/07/01

Ethics committee reference number

IR.SBMU.MSP.REC.1395.599

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

Urinary retention

ICD-10 code

N39.9

ICD-10 code description

Disorder of urinary system, unspecified

2**Description of health condition studied**

Rectal cancer

ICD-10 code

C20

ICD-10 code description

Malignant neoplasm of rectum

3**Description of health condition studied**

Urinary incontinence

ICD-10 code

N39.4

ICD-10 code description

Other specified urinary incontinence

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

Urinary complications

Timepoint

Every day untill discharge from hospital

Method of measurement

Evaluation by physician

Secondary outcomes

empty

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

Removal of urinary catheter on post-operative day

Category

Prevention

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

Imam Hossein hospital

Full name of responsible person

Amirmohsen Jalaeefer

Street address

Imam Hossein hospital, Shahid Madani St., Tehran

City

Tehran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**Vice chancellor for research, Shahid Beheshti
University of Medical Science**Full name of responsible person**

Mrs. Poorali

Street address3rd floor, Medical school, Next to Taleghani hospital,
Evin, Chamran highway.**City**

Tehran

Grant name**Grant code / Reference number**

1395.599

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

Yes

Title of funding source

Vice chancellor for research, Shahid Beheshti University of Medical Science

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

Tehran University of Medical Sciences

Full name of responsible person

Dr Amirmohsen Jalaeeefar

Position

Assistant Professor

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