

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jul 2026

Prophylactic use of mesh in closure of abdominal wall in kidney transplant patients

Protocol summary

Study aim

Prophylactic use of mesh in closure of abdominal wall in kidney transplant patients

Design

Clinical trial with simple control and randomization group

Settings and conduct

The effect of using mesh in closing the abdominal wall in kidney transplant patients in Imam Reza Hospital, Tabriz

Participants/Inclusion and exclusion criteria

Prophylactic use of mesh in closure of abdominal wall in kidney transplant patients

Intervention groups

Prophylactic use of mesh in closure of abdominal wall in kidney transplant patients

Main outcome variables

Reduction of postoperative incisional hernia

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20211129053218N1**

Registration date: **2022-02-05, 1400/11/16**

Registration timing: **registered_while_recruiting**

Last update: **2022-02-05, 1400/11/16**

Update count: **0**

Registration date

2022-02-05, 1400/11/16

Registrant information

Name

Mohammad Jafari

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 41 3230 0217

Email address

dr.jafariiii@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-12-11, 1399/09/21

Expected recruitment end date

2022-06-30, 1401/04/09

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Prophylactic use of mesh in closure of abdominal wall in kidney transplant patients

Public title

Prophylactic use of mesh in closure of abdominal wall

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria:

Having kidney transplant conditions No history of abdominal hernia surgery

Exclusion criteria:

No history of abdominal hernia surgery Lack of conditions for kidney transplantation

Age

From **18 years** old to **65 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: 30

Randomization (investigator's opinion)

Randomized

Randomization description

Randomization was done in such a way that the names of the patients who were candidates for kidney transplantation that were registered in the computer were divided into two groups completely randomly.

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

Ethics Committee of Tabriz University of Medical Sciences

Street address

Tabriz, Eram town, Behesht street, in front of the police station, 21 second alley, number 3

City

Tabriz

Province

East Azarbaijan

Postal code

5147953111

Approval date

2020-01-06, 1398/10/16

Ethics committee reference number

IR.TBZMED.REC.1398.1115

Health conditions studied

1

Description of health condition studied

Prophylactic use of mesh in closure of abdominal wall in kidney transplant patients

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Evaluation of the effect of using mesh in closing the abdominal wall in kidney transplant patients

Timepoint

Up to one year after surgery

Method of measurement

Contacting patients and examining patients once every three months

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group:

Category

Prevention

2

Description

Control group:

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

emam reza hospital, transplant ward

Full name of responsible person

phd afshar zomorodi

Street address

daneshgah st,emam reza hospital

City

tabriz

Province

East Azarbaijan

Postal code

41561789103

Phone

+98 41 3467 8967

Email

zomorrodia@yahoo.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tabriz University of Medical Sciences

Full name of responsible person

Dr. Parviz Shahabi

Street address

University Street, Tabriz University of Medical Sciences

City

Tabriz

Province

East Azarbaijan

Postal code

5166614766

Phone

+98 41 3337 6925

Fax

+98 41 3336 4659

Email

info@medfac.tbzmed.ac.ir

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Tabriz University of Medical Sciences

Proportion provided by this source

2

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**

Tabriz University of Medical Sciences

Full name of responsible person

Dr. Parviz Shahabi

Position

Vice Chancellor for Research, University of Medical Sciences

Latest degree

Ph.D.

Other areas of specialty/work

Physiology

Street address

Tabriz University Street, University of Medical Sciences

City

Tabriz

Province

East Azarbaijan

Postal code

4166614766

Phone

+98 41 3337 6925

Fax

+98 41 3336 4659

Email

info@medfac.tbzmed.ac.ir

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

Tabriz University of Medical Sciences

Full name of responsible person

Mohammad jafari

Position

resident

Latest degree

Medical doctor

Other areas of specialty/work

Urology

Street address

Tabriz, Eram town, Behesht street, in front of the police station, 21 second alley, No. 3

City

Tabriz

Province

East Azarbaijan

Postal code

5147953111

Phone

01432300217

Email

dr.jafariiii@gmail.com

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

Tabriz University of Medical Sciences

Full name of responsible person

Prof. Afshar Zomordi

Position

Professor

Latest degree

Specialist

Other areas of specialty/work

Urology

Street address

Tabriz Imam Reza Hospital Urology Department

City

Tabriz

Province

East Azarbaijan

Postal code

5147953111

Phone

00981441147229

Email

dr.jafariiii@gmail.com

Sharing plan**Deidentified Individual Participant Data Set (IPD)**

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

Microdata will not be published

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

In this study, the results will be reported in the form of an article

When the data will become available and for how

long

One year after completing the study for one year

To whom data/document is available

public

Under which criteria data/document could be used

In the form of an article and due to the use of other results by other experts

From where data/document is obtainable

To reputable scientific sources to download the article

What processes are involved for a request to access data/document

Refer to reputable internet sources and download the article

Comments