

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

Comparison of efficacy of early vitrectomy and vitreous tap and injection in patients referring to Farabi Eye Hospital with diagnosis of post cataract surgery acute endophthalmitis and visual acuity of hand motion

Protocol summary

Study aim

Comparison of efficacy of early vitrectomy and vitreous tap and injection in patients referring to Farabi Eye Hospital with diagnosis of post cataract surgery acute endophthalmitis and visual acuity of hand motion

Design

Non randomized clinical trial , parallel arm groups, non randomized, 65 cases

Settings and conduct

Patient referring to Farabi eye Hospital with diagnosis of post cataract surgery endophthalmitis goes under vitrectomy

Participants/Inclusion and exclusion criteria

Patient with diagnosis of post cataract surgery endophthalmitis

Intervention groups

One group goes under early vitrectomy; another one goes under intravitreal antibiotic injection

Main outcome variables

Visual acuity

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20200115046148N1**

Registration date: **2020-02-10, 1398/11/21**

Registration timing: **registered_while_recruiting**

Last update: **2020-02-10, 1398/11/21**

Update count: **0**

Registration date

2020-02-10, 1398/11/21

Registrant information

Name

soran aminzade

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 44 4244 4148

Email address

s-aminzade@razi.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-01-29, 1398/11/09

Expected recruitment end date

2021-01-28, 1399/11/09

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of efficacy of early vitrectomy and vitreous tap and injection in patients referring to Farabi Eye Hospital with diagnosis of post cataract surgery acute endophthalmitis and visual acuity of hand motion

Public title

Comparison of efficacy of early vitrectomy and vitreous tap and injection in patients referring to Farabi Eye Hospital with diagnosis of post cataract surgery acute endophthalmitis and visual acuity of hand motion

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Post cataract surgery endophthalmitis

Exclusion criteria:

Any condition or disorder which affect visual acuity like diabetic retinopathy , glaucoma , retinal disorder and etc

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 65

Randomization (investigator's opinion)

Not 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**

Research Ethics Committee Farabi Eye Hospital-
Tehran University of Medical Sciences

Street address

Farabi hospital, Qazvin Square, South Kargar Ave.,
Tehran

City

Tehran

Province

Tehran

Postal code

5913813111

Approval date

2019-02-12, 1397/11/23

Ethics committee reference number

IR.TUMS.FARABIH.REC.1398.006

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

Post cataract surgery Endophthalmitis

ICD-10 code

H44.0

ICD-10 code description

Purulent endophthalmitis

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

Visual acuity

Timepoint

1 , 3 ,6 months afetr intervention

Method of measurement

Based on snelen chart and LogMAR

Secondary outcomes

empty

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

Intervention group: early vitrectomy; patients of this group who selected according to condition formerly explained will go on vitrectomy without any intervention priorly. Vitrectomy will be done through pars plana with small gauge needles and pus in the vitreous will be extracted by the way.

Category

Treatment - Surgery

2**Description**

Control group: Intravitreal antibiotic injection; Vancomycin 1mg / 0.1 ml and ceftazidime 2.25 mg / 0.1 ml . The injection will be done and if the condition deteriorates during serial visits , the patient will go on delayed vitrectomy.

Category

Treatment - Surgery

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

Farabi Hospital

Full name of responsible person

Soran Aminzade

Street address

Qazvin Square , S kargar Ave , Tehran

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Phone

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Email

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Shokufeh Nikfar

Street address

Qazvin Square , S kargar Ave , Tehran

City

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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

Tehran 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**

Tehran University of Medical Sciences

Full name of responsible person

Soran Aminzade

Position

resident

Latest degree

Medical doctor

Other areas of specialty/work

Ophthalmology

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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available
Statistical Analysis Plan
Yes - There is 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
Yes - There is 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
Data related to visual acuity and complications of surgery can be shared

When the data will become available and for how long
After study ends up
To whom data/document is available
No limitation
Under which criteria data/document could be used
No limitation
From where data/document is obtainable
soranaminzade90@gmail.com
What processes are involved for a request to access data/document
After an email request, data will be sent as soon as possible
Comments