

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 2026

Refractive outcome of cataract surgery in the second eye of patient with partially adjusted Intraocular lens power

Protocol summary

Summary

259 patients with bilateral cataract surgery are include in the subsequent analysis. in this study we want to have improve the results of cataract surgery in the second eye. after surgery the deviation of the first eye refractive error from that predicted by intraocular lens power formulae can be use to improve the refractive results of the second eye.the patints with inadequate fallow up are exclude from the study.this methodolgy has the potential to improve the refractive outcome in the second eye of patient with cataract.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201205117743N2**
Registration date: **2013-02-22, 1391/12/04**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-02-22, 1391/12/04

Registrant information

Name

Nooshin Bazzazi

Name of organization / entity

Hamedan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

00988118282682-00988118215151

Email address

nezarat@basu.ac.ir

Recruitment status

Recruitment complete

Funding source

Hamedan univesity of medical sciences

Expected recruitment start date

2012-02-20, 1390/12/01

Expected recruitment end date

2013-02-19, 1391/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Refractive outcome of cataract surgery in the second eye of patient with partially adjusted Intraocular lens power

Public title

adjustment the choice of intraocular lens power for the second eyes in cataract surgery

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: All patient undergoing bilateral sequential cataract extraction between 2011 and 2012
exclusion criteria:patients with inadequate follow up after the surgery;patient with BCVA more than 20/40 after the surgery;patient who are not used the same IOL model;the patient who had phaco/IOL and an additional procedure;the patients with unilateral cataract surgery;the patient who are not operated in phaco method

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **259**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Hamedan University of Medical Sciences

Street address

Bolvar eram - Hamedan

City

Hamedan

Postal code

3916/9/35/16/د/ب

Approval date

2010-08-20, 1389/05/29

Ethics committee reference number

3916

Health conditions studied

1

Description of health condition studied

cataract

ICD-10 code

H25.0

ICD-10 code description

senile incipient cataract

Primary outcomes

1

Description

the error of refraction in the first eye

Timepoint

preoperative and 2month postoperative

Method of measurement

examination with slit lamp

Secondary outcomes

1

Description

the error of refraction in the second eye

Timepoint

preoperation and 2month postoperation

Method of measurement

examination with slit lamp

2

Description

the choice of IOL power for the second eye

Timepoint

preoperation

Method of measurement

partially adjusted of IOL power with deviation of the first eye refractive error

Intervention groups

1

Description

intervention group:second eye with partially adjusted the IOL power

Category

Treatment - Surgery

2

Description

control group:first eye with unadjusted the IOL power

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Hamedan University of Medical Sciees

Full name of responsible person

Bazzazi _ Nezameslami

Street address

Hamedan Farshchian Hospital

City

Hamedan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Hamedan University of Medical Sciences

Full name of responsible person

Bazzazi _ nezameslami

Street address

Bolvar eram - Hamedan

City

Hamedan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Hamedan University of Medical Sciences

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

Hamedan University of Medical Sciences

Full name of responsible person

Nooshin Bazzazi

Position

Asistant Proffesor

Other areas of specialty/work

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Web page address

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