Clinical Trial Protocol
Iranian Registry of Clinical Trials

27 Sep 2026

Efficacy of Transcleral stimulation therapy (TES) for parienets with Retinitis pigmentasa

Protocol summary

Summary

The objective of current study is to evaluate the efficacy of Transcleral stimulation therapy for parienets with Retinitis pigmentasa.This research is a before and after interventional study.Participations are RP patient with inclusion criteria consist of VA better than 0.05,Age between 18-50 and exlusion critria;Comorbidity like cataract,diabet,Ocular surface or any ocular surgery. After getting informed consent from 25 patients ,Visual Acuity ، Optical Coherence Topography Electroretino graphy،fundus photo Dynamic Perimetry and complete eye exam will done as well as visual Function. Transcleral stimulation therapy will conduct for each eyes based on okuvision protocol. All above parameters will measured after 3,6 and 12 weeks and VA will evaluated weekly. success rate considered as 2 line improvement in VA after 3 month.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201401299820N6**
Registration date: **2017-02-20, 1395/12/02**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2017-02-20, 1395/12/02

Registrant information

Name

Alireza Lashay

Name of organization / entity

Eye research center

Country

Iran (Islamic Republic of)

Phone

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Email address

lashay@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences

Expected recruitment start date

2017-02-19, 1395/12/01

Expected recruitment end date

2017-08-23, 1396/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Efficacy of Transcleral stimulation therapy (TES) for parienets with Retinitis pigmentasa

Public title

Efficacy of stimulation therapy for parienets with Retinitis pigmentasa

Purpose

Supportive

Inclusion/Exclusion criteria

inclusion critria:Age between 18-50 ;RP detection with VA better than 0.05 Exlusion critria:Comorbidity like cataract,diabet,Ocular surface or any ocular surgery

Age

From **18 years** old to **50 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size
Target sample size: **20**

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
Tehran University of Medical Sciences

Street address
Enghelab Square

City
Teharn

Postal code

Approval date
2015-10-20, 1394/07/28

Ethics committee reference number
IR.TUMS.REC.1395.2874

Health conditions studied

1

Description of health condition studied
Transcleral Stimulation

ICD-10 code
H35.5

ICD-10 code description
Hereditary retinal dystrophy

Primary outcomes

1

Description
Visual Acuity

Timepoint
12 week

Method of measurement
Snellen Chart

Secondary outcomes

1

Description
Visual Function

Timepoint
12 week

Method of measurement
Questionair

Intervention groups

1

Description
Transcleral Stimulation based on specific protocol for each person in 20 min

Category
Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center
Eye Research Center,Tehran University of Medical Sciences

Full name of responsible person
Dr Elham Ashrafi

Street address
Farabi Hospital,Qazvin Square

City
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Tehran University of Medical Sciences

Full name of responsible person
Dr Alireza Lashay

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Farabi Hospital,Qazvin Square

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
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
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Person responsible for updating data

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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