

GLAUrious long-term follow-up study of glaucoma laser treatment

Submission date 07/07/2023	Recruitment status No longer recruiting	☒ Prospectively registered ☐ Protocol
Registration date 23/07/2023	Overall study status Completed	☐ Statistical analysis plan ☐ Results
Last Edited 08/08/2023	Condition category Eye Diseases	☐ Individual participant data ☐ Record updated in last year

Plain English summary of protocol

Background and study aims

This study will only enroll participants who took part in a study called GLAUrious, conducted between 2018 and 2021. The purpose of the original study was to assess the safety and effectiveness of a new automated direct selective laser trabeculoplasty device (DSLTL). Selective Laser Trabeculoplasty (SLT) is a laser-based procedure used to treat open-angle glaucoma. It involves using a low-energy laser to target and stimulate specific cells in the eye's drainage system, improving fluid outflow and reducing intraocular pressure. Unlike other laser treatments, SLT is "selective" and doesn't cause damage to surrounding tissue. By enhancing drainage, SLT helps manage glaucoma and prevent vision loss. It is a safe and effective alternative to medication or surgery, with minimal side effects.

Who can participate?

All participants who were part of the GLAUrious study

What does the study involve?

A one-off visit in which a few assessments, as part of your normal eye care will be conducted. This is so that we can look at the long-term safety with the treatment types looked at in the original study and let us see if there are any differences between them over the long term.

What are the possible benefits and risks of participating?

None

Where is the study run from?

Belkin Vision (Israel)

When is the study starting and how long is it expected to run for?

July 2023 to August 2024

Who is funding the study?

Belkin Vision (Israel)

Who is the main contact?
glauriousltfu@belkin-vision.com

Contact information

Type(s)

Public

Contact name

Dr Clinical Operations Manager

Contact details

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Additional identifiers

Integrated Research Application System (IRAS)

329958

Central Portfolio Management System (CPMS)

57059

Protocol serial number

CA-PL-01-010

Study information

Scientific Title

Long-term observational follow-up of participants treated in the GLAUrious trial

Acronym

GLAUrious LTFU

Study objectives

Observational study to assess long term results

Ethics approval required

Ethics approval required

Ethics approval(s)

Not yet submitted

Primary study design

Observational

Study design

Observational long-term follow-up

Study type(s)

Safety

Health condition(s) or problem(s) studied

Glaucoma

Interventions

Cross sectional, observational study examining participants enrolled to the GLAUrious study having received either SLT or DSLT treatment as part of the randomized controlled trial. Qualified participants will be contacted to ask if they would be willing to participate in an observational follow up study to collect data to assess the long-term safety of participants treated as part of this randomized controlled study. If they agree, they will be asked to attend the clinic for one visit. Participants are expected to be in the clinic for about 3-4 hours. The following clinical assessment will be performed for all study participants in both eyes in this order:

- Medical History
- Ocular history (including details of any secondary surgical intervention, previous contact lens wear and glaucoma medication administration)
- Manifest refraction and BVCA
- Visual field
- Slit lamp examination
- IOP
- Fundus Examination (if BCVA warrants this assessment)

Intervention Type

Other

Primary outcome(s)

Safety parameters (slit lamp exam). This observational study includes only one single visit.

Key secondary outcome(s)

Additional safety parameters (IOP, visual field, and fundus exam). This observational study includes only one single visit.

Completion date

01/08/2024

Eligibility

Key inclusion criteria

Participants enrolled to the GLAUrious study and treated with either the SLT or DSLT between November 2018 and May 2021

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

40 Years

Sex

All

Key exclusion criteria

Participants who were not enrolled to the GLAUrious study and treated with either the SLT or DSLT between November 2018 and May 2021

Date of first enrolment

01/08/2023

Date of final enrolment

30/09/2023

Locations**Countries of recruitment**

United Kingdom

England

Northern Ireland

Georgia

Israel

Italy

Study participating centre

Clinica Oculistica Università di Genova

Genova

Italy

16132

Study participating centre

Queen's University Belfast
Belfast
United Kingdom
BT9 7AB

Study participating centre
Moorfields Eye Hospital
London
United Kingdom
EC1V 2PD

Study participating centre
Rabin Medical Center
Petah Tikva
Israel
4941492

Study participating centre
Rambam Health Care Campus
Haifa
Israel
3109601

Study participating centre
Shaare Zedek Medical Center
Jerusalem
Israel
9103102

Study participating centre
Soroka Medical Center
Be'er Sheva
Israel
8457108

Study participating centre

Wolfson Medical Center

Holon
Israel
5822012

Study participating centre

Akhali Mzera

Georgia
0162

Study participating centre

Javrishvili Eye Clinic

Georgia
0159

Study participating centre

Tbilisi State Medical University/ Ingorokva High Medical Technology University Clinic

Georgia
0144

Study participating centre

Hadassah Ein-Kerem

Jerusalem
Israel
91120

Study participating centre

Assuta

Tel-Aviv
Israel
6789140

Study participating centre

Carmel Medical Center

Haifa
Israel
3436212

Sponsor information

Organisation

BELKIN Vision

Funder(s)

Funder type

Industry

Funder Name

Belkin Vision

Results and Publications

Individual participant data (IPD) sharing plan

The data sharing plans for the current study are unknown and will be made available at a later date

IPD sharing plan summary

Data sharing statement to be made available at a later date