Time to repeat SLT in glaucoma patients

No registrations found.

Ethical review	Not applicable
Status	Recruiting
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON20154

Source
NTR

Brief title
SLT

Health condition

Glaucoma, laser treatment, glaucoom, laser behandeling

Sponsors and support

Primary sponsor: none
Source(s) of monetary or material Support: none

Intervention

Outcome measures

Primary outcome

time to redo SLT

Secondary outcome

IOP control after primary and secondary SLT

Study description

Background summary

SLT has proven to be a viable alternative for medication in the treatment of glaucoma patients. Like argon laser trabeculoplasty, its effect seems to lower in time. Its repeatability is therefore important. We ai mto investigate how long it takes for the efect of SLT wears off and whether a second SLT is as effective as the first SLT to lower IOP.

Study objective

1, the effect of SLT diminishes in time; how fast does IOP get below target IOP after SLT?

2, is a repeat SLT effective to get/keep IOP under target IOP?

3, is there a racial difference in effect of SLT?

Study design

baseline, 1 week, 3, 6, 12, 18, 24, 30, 36, 42, 48, 60 months

Intervention

1, redo of SLT when target IOP is exceeded by more than 2 mmHg when IOP was controlled at least 6 months after intial SLT

2, control group under medication

Contacts

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Eligibility criteria

Inclusion criteria

Patients with ocular hypertension or open angle glaucoma.Other types of glaucoma than open angle glaucoma, corneal disease that inhibit good visualization of the trabecular meshwork, taking of systemic or local steroids.

Exclusion criteria

Other types of glaucoma than open angle glaucoma, corneal disease that inhibit good visualization of the trabecular meshwork, taking of systemic or local steroids.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Parallel
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	01-01-2017
Enrollment:	200
Type:	Anticipated

Ethics review

Not applicable
Application type: Not applicable

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL6144
NTR-old	NTR6299
Other	: NTR5417

Study results

Summary results

De Keyser M, De Belder M, De Belder S and De Groot V. Where does selective laser trabeculoplasty stand now? A review. Eye and Vision. 2016;3:10
DOI 10.1186/s40662-016-0041-y

De Keyser M. Power is not energy. Letter to the Editor. Journal of Glaucoma, May 5, 2016. Doi:10.1097/IJG.0000000000000432

De Keyser M, De Belder M, De Groot V. Randomized prospective study of the use of anti-inflammatory drops after selective laser trabeculoplasty. Journal of Glaucoma, 26(2), e22-e29.doi:10.1097/IJG.0000000000000522.

De Keyser M, De Belder M, De Groot V. Selective laser trabeculoplasty in pseudophakic and phakic eyes: a prospective study. International Journal of Ophthalmology, 10;4:2017.

De Keyser M, De Belder M, De Groot V. Prospective study on the effect of selective laser trabeculoplasty in normal tension glaucoma. International Journal of Ophthalmology and Eye Science, S1:008, 36-41, 2016. IJOES-2332-290X-S1-008

De Keyser M, De Belder M, De Groot V. Treatment-related quality of life in glaucoma patients: comparison between selective laser trabeculoplasty and medication. International Journal of Ophthalmology, 10; 4: 2017.

De Keyser M, De Belder M, De Belder J, De Groot V. Effect of selective laser trabeculoplasty in glaucoma patients with high or low central corneal thickness. Insights in Ophthalmology, vol 1, 1:3, 2017.

De Keyser M, De Belder M, De Belder J, De Groot V. Selective laser trabeculoplasty as replacement therapy in medically controlled glaucoma patients. In submission.