

Assessing fitness to drive in older glaucoma patients

No registrations found.

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

Summary

ID

NL-OMON24621

Source

NTR

Brief title

OcuDrive2

Health condition

Glaucoma

Sponsors and support

Primary sponsor: University Medical Center Groningen

Source(s) of monetary or material Support: Marie Curie

Intervention

Outcome measures

Primary outcome

Fitness to drive, determined by driving simulator performance.

Secondary outcome

N/A

Study description

Background summary

The effects of glaucoma are usually measured with visual field tests. When the visual field defects are mild to moderate driving is still allowed and many glaucoma patients do continue to drive. However, assessing the visual system might be hard to do reliably in older people and it might not be sufficient for selecting unfit drivers. Therefore, the OcuDrive test package has been developed. The OcuDrive test package assesses the entire neurovisual system, including measures of executive function, processing speed, and attention. In the current study, OcuDrive results will be compared to driving simulator performance. The main objective is to find the tests from the package that discriminate best between fit and unfit drivers.

Objective: To examine the OcuDrive test package in glaucoma patients and controls in relation to fitness to drive. The main objective is to find the tests from the package that discriminate best between fit and unfit drivers.

Study objective

Driving simulator performance can be predicted by OcuDrive test package performance

Study design

N/A

Intervention

All participants will undergo (neuropsychological) tests aimed at measuring cognitive domains relevant for driving, as well as several Ocusweep tests. To evaluate driving performance, a driving simulator will be used.

Contacts

Public

Scientific

Eligibility criteria

Inclusion criteria

- Age over 65 years old
- Have a valid drivers license or held one until recently (up to six months before test day)
- Visual acuity of 0.5 or better
- Speaks the Dutch language

Exclusion criteria

- Motor disorders
- Medication use that prohibits driving (ICADTS III)

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-11-2018
Enrollment:	60
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	NL7368
NTR-old	NTR7576
Other	UMCG Research Database : 201800808

Study results

Summary results

N/A