

Blood flow in glaucoma and tinnitus

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON20770

Source

NTR

Brief title

BFGT

Health condition

Glaucoma and tinnitus

Sponsors and support

Primary sponsor: University Medical Center Groningen

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

Intervention

Outcome measures

Primary outcome

Concentrations of amino acids which mark nitric oxide production in glaucoma patients both with and without tinnitus.

Secondary outcome

N/A

Study description

Background summary

Low nitric oxide (NO) bioavailability and oxidative stress may be common mechanisms behind glaucoma and tinnitus. NO itself diffuses quickly and is difficult to measure, however, certain metabolites can be measured as biomarkers of NO production. The aim of this study is to test these biomarkers of NO in glaucoma patients both with and without tinnitus.

Study objective

The amino acids from the glaucoma patients will show a decrease in nitric oxide bioavailability and there will be an increase in excitotoxicity markers in those with tinnitus.

Study design

Patients will come for one appointment only

Intervention

N/A

Contacts

Public

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Scientific

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Eligibility criteria

Inclusion criteria

50-70 years of age
diagnosed primary open angle glaucoma
written informed consent

Exclusion criteria

Since we are choosing patients based on inclusion criteria, we do not for see any reason to exclude a patient unless they no longer want to participate.

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):	23-02-2020
Enrollment:	20
Type:	Anticipated

IPD sharing statement

Plan to share IPD: No

Plan description

N/A

Ethics review

Positive opinion

Date: 24-01-2020
Application type: First submission

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	NL8329
Other	UMCG Research Database : 202000047

Study results

Summary results

N/A