

The contribution of race as a determining factor in the development of glaucoma

Submission date 07/12/2009	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 02/02/2010	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
Last Edited 11/07/2013	Condition category Eye Diseases	<input type="checkbox"/> Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Study information

Scientific Title
The contribution of race as a determining factor in the development of Primary Open Angle Glaucoma (POAG): An observational trial

Acronym
ADS (aqueous dynamic study)

Study objectives

The distribution of aqueous production rate and the out-flow facility in patients from different racial groups with POAG.

Primary open angle glaucoma is defined as glaucomatous optic neuropathy together with an IOP >21 mmHg on at least one occasion and visual field defects (using the 24-2 test pattern on a Humphrey Field Analyzer) and a gonioscopic angle width of 3 or 4 and normal in appearance.

Ethics approval required

Old ethics approval format

Ethics approval(s)

St. Thomas' Hospital Research Ethics Committee, Approved on 14 August 2007, REC ref number: 07/Q0702/61

Study design

Prospective observational longitudinal non-randomised study

Primary study design

Observational

Study type(s)

Other

Health condition(s) or problem(s) studied

Primary open angle glaucoma (POAG)

Interventions

Patients will receive standard treatment and care. Therefore, there is no intervention, just some extra measurements which used to be part of routine clinical examinations.

Additional measurements will be carried out using pneumatonometry, fluorophotometry and Schiotz tonography machines

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Outflow facility determined

Comparison of results before and 3 months after treatment

Key secondary outcome(s)

1. Anterior chamber depth

2. Intraocular pressure

Comparison of results before and 3 months after treatment

Completion date

31/05/2010

Eligibility

Key inclusion criteria

1. Males or Females between ages 18 and 90
2. Availability to participate in all aspects of the study
3. Willingness to participate in a study
4. Ability to undergo accurate fluorophotometry and tonography

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Key exclusion criteria

1. History of intraocular surgery or keratorefractive surgery
2. Systemic medications which affects aqueous production, such as beta adrenergic blockers, steroids
3. Fluorescein allergy

Date of first enrolment

15/10/2007

Date of final enrolment

31/05/2010

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

St. Thomas' Hospital

London

United Kingdom

SE1 7EH

Sponsor information

Organisation

Guy's and St. Thomas NHS Foundation Trust (UK)

ROR

<https://ror.org/00j161312>

Funder(s)**Funder type**

Charity

Funder Name

Eye Hope Charity (UK)

Results and Publications**Individual participant data (IPD) sharing plan****IPD sharing plan summary**

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	09/12/2011		Yes	No