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

Submission date	Recruitment status	[_] Prospectively registered
07/12/2009	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
02/02/2010	Completed	[X] Results
Last Edited	**Condition category**	[_] Individual participant data
11/07/2013	Eye Diseases	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
N/A

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 pnuematonometry, 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
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes