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

Submission date	Recruitment status No longer recruiting	<ul><li>Prospectively registered</li></ul>		
07/12/2009		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

#### Contact name

Mr Kin Sheng Lim

#### Contact details

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# Additional identifiers

**EudraCT/CTIS** number

**IRAS** number

ClinicalTrials.gov number

Secondary identifying numbers

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

# Secondary study design

Non randomised controlled trial

# Study setting(s)

Hospital

# Study type(s)

Other

#### Participant information sheet

Not available in web format, please use contact details below to request a patient information sheet

# 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 measure

Outflow facility determined Comparison of results before and 3 months after treatment

#### Secondary outcome measures

- 1. Anterior chamber depth
- 2. Intraocular pressure

Comparison of results before and 3 months after treatment

#### Overall study start date

15/10/2007

#### 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** 

#### Age group

Other

#### Sex

Both

#### Target number of participants

30 patients from each of the following race groups with or without POAG: African origin and White Caucasian

#### 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

England

**United Kingdom** 

#### Study participating centre St. Thomas' Hospital London

United Kingdom SE1 7EH

# Sponsor information

#### Organisation

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

#### Sponsor details

c/o Karen Ignatian
Research and Development
3rd Floor Conybeare House
Guy's House
Guy's Hospital
St .Thomas Street
London
England
United Kingdom
SE1 9RT
+44 (0)20 7188 5731

#### Sponsor type

Hospital/treatment centre

karen.ignatian@gstt.nhs.uk

#### Website

http://www.guysandstthomas.nhs.uk/

#### **ROR**

https://ror.org/00j161312

# Funder(s)

## Funder type

Charity

#### **Funder Name**

Eye Hope Charity (UK)

# **Results and Publications**

# Publication and dissemination plan

Not provided at time of registration

Intention to publish date

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